# Report of the
# FIBO Foundations 1.2 RTF Revision Task Force
# to the
# OMG Domain Technical Committee

# 28 February 2017

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|---|---|
| **Document Number:** | **dtc/17-02-01** |
| **Task Force Chair(s):** | **Dennis Wisnosky, EDM Council (dennis@wisnosky.net)** |
| **Chartered:** | **18 March 2016 — Reston, VA , USA** |
| **Comments Due:** | **30 June 2016** |
| **Expiry Due:** | **31 March 2017** |
| **JIRA Project Prefix:** | **FIBOFND12** |
| | |
| Document Template: | omg/2013-05-01 |

# Table of Contents

# Deliverables

## Publication Directions

This section contains information about how OMG staff should publish the resulting specification on the OMG formal specification web page. The chosen acronym and version number determine the URL to be used; for instance, if the acronym chosen is "ABCD" and the version number is "1.2", the normative specification documents will be available under the URL http://www.omg.org/spec/ABCD/1.2/.

Documents in this section are classified as one of:

Normative:    A document that specifies how a conforming implementation shall behave (but may contain specifically-labelled non-normative sections).

Informative:   Non-normative material aimed at users of the specification, such as examples or non-normative guidelines.

Ancillary:    Material intended to help OMG Members reviewing the report or creating future revisions of the specification, such as a change-tracked specification showing issue resolutions applied, editable source of models stored in proprietary formats, or programs used to build parts of the specification from machine-readable sources. The specification shall be usable without reference to the ancillary files, which should not be given URLs.

## Specification

### Chosen acronym: EDMC-FIBO/FND
### Version number:  1.2

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|---|---|
| **Title:** | **Revised specification (clean)** |
| Doc Number: | dtc/17-02-02 |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/1.2 |

| | |
|---|---|
| **Title:** | **FIBO FND 1.2 Specification (redlined)** |
| Doc Number: | dtc/17-02-03 |
| Status: | Informative |

# Supporting Documents

**Title:**          **FIBO FND 1.2 VOM/MagicDraw Model Files (ancillary) (Zip File)**
Doc Number:    dtc/17-02-08
Description:
Status:              Ancillary

**Title:**          **FIBO FND 1.2 .svg files (Zip File)**
Doc Number:    dtc/17-02-10
Description:
Status:              Ancillary

**Title:**          **FIBO FND 1.2 RTF Report Attachments (Zip File)**
Doc Number:    dtc/17-02-09
Status:              Ancillary

**Title:**          **Issue FIBOFND12-2 Attachment Relations.rdf**
Doc Number:    dtc/17-02-09
Filename:        FIBOFND12-2/Relations.rdf (zip entry)
Status:              Ancillary

**Title:**          **Issue FIBOFND12-3 Attachment Relations.rdf**
Doc Number:    dtc/17-02-09
Filename:        FIBOFND12-3/Relations.rdf (zip entry)
Status:              Ancillary

**Title:**          **Issue FIBOFND12-3 Attachment Simple Physical Relations.jpg**
Doc Number:    dtc/17-02-09
Filename:        FIBOFND12-3/Simple Physical Relations.jpg (zip entry)
Status:              Ancillary

**Title:**          **Issue FIBOFND12-3 Attachment Simple Physical Relations.png**
Doc Number:    dtc/17-02-09
Filename:        FIBOFND12-3/Simple Physical Relations.png (zip entry)
Status:              Ancillary

**Title:**          **Issue FIBOFND12-3 Attachment Simple Physical Relations.svg**
Doc Number:    dtc/17-02-09
Filename:        FIBOFND12-3/Simple Physical Relations.svg (zip entry)
Status:              Ancillary

**Title:**          **Issue FIBOFND12-4 Attachment Relations.rdf**
Doc Number:    dtc/17-02-09

Filename:        FIBOFND12-4/Relations.rdf (zip entry)
Status:              Ancillary

**Title:**          **Issue FIBOFND12-4 Attachment Singular Relations.jpg**

Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-4/Singular Relations.jpg (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-4 Attachment Singular Relations.png**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-4/Singular Relations.png (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-4 Attachment Singular Relations.svg**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-4/Singular Relations.svg (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-5 Attachment FinancialDates.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-5/FinancialDates.rdf (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-5 Attachment Resolution_FIBOFND12-5.doc**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-5/Resolution_FIBOFND12-5.doc (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-6 Attachment BusinessDates.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-6/BusinessDates.rdf (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-6 Attachment Resolution_FIBOFND12-6.doc**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-6/Resolution_FIBOFND12-6.doc (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-7 Attachment Contracts.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-7/Contracts.rdf (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-7 Attachment Resolution_FIBOFND12-7.doc**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-7/Resolution_FIBOFND12-7.doc (zip entry)
Status:         Ancillary

**Title:**          **Issue FIBOFND12-8 Attachment Contracts.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-8/Contracts.rdf (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-8 Attachment Resolution_FIBOFND12-8.doc**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-8/Resolution_FIBOFND12-8.doc (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-9 Attachment Arrangements.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-9/Arrangements.rdf (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-9 Attachment Documents.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-9/Documents.rdf (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-9 Attachment Resolution_FIBOFND12-9.doc**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-9/Resolution_FIBOFND12-9.doc (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-10 Attachment AboutAccounting.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-10/AboutAccounting.rdf (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-10 Attachment AboutAgentsAndPeople.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-10/AboutAgentsAndPeople.rdf (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-10 Attachment AboutAgreements.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-10/AboutAgreements.rdf (zip entry)

Status:         Ancillary

**Title:**      **Issue FIBOFND12-10 Attachment AboutArrangements.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-10/AboutArrangements.rdf (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-10 Attachment AboutDatesAndTimes.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-10/AboutDatesAndTimes.rdf (zip entry)
Status:         Ancillary

**Title:**      **Issue FIBOFND12-10 Attachment AboutFND-1.1.rdf**
Doc Number:     dtc/17-02-09
Filename:       FIBOFND12-10/AboutFND-1.1.rdf (zip entry)

Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutFND-1.2.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutFND-1.2.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutGoalsAndObjectives.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutGoalsAndObjectives.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutLaw.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutLaw.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutOrganizations.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutOrganizations.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutOwnershipAndControl.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutOwnershipAndControl.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutParties.rdf**
Doc Number:     dtc/17-02-09

Filename:         FIBOFND12-10/AboutParties.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutPlaces.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutPlaces.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutProductsAndServices.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutProductsAndServices.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutQuantities.rdf**
Doc Number:     dtc/17-02-09
Filename:         FIBOFND12-10/AboutQuantities.rdf (zip entry)
Status:            Ancillary

**Title:            Issue FIBOFND12-10 Attachment AboutRelations.rdf**
Doc Number:     dtc/17-02-09

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|---|---|
| Filename: | FIBOFND12-10/AboutRelations.rdf (zip entry) |
| Status: | Ancillary |

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|---|---|
| **Title:** | **Issue FIBOFND12-10 Attachment AboutUtilities.rdf** |
| Doc Number: | dtc/17-02-09 |
| Filename: | FIBOFND12-10/AboutUtilities.rdf (zip entry) |
| Status: | Ancillary |

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|---|---|
| **Title:** | **Issue FIBOFND12-10 Attachment catalog-v001.xml** |
| Doc Number: | dtc/17-02-09 |
| Filename: | FIBOFND12-10/catalog-v001.xml (zip entry) |
| Status: | Ancillary |

# Machine-consumable documents

This section contains one entry for each machine-consumable file accompanying the submission.

Authors should assign a version stamp to each new normative or informative machine-consumable file that they create. Version stamps comprise 8 digits, and each newly-assigned version stamp for a particular specification must be greater than any previous version stamp for the same specification. One convenient way to achieve this is to concatenate the current year & two-digit month number with a two-digit sequence number within the month. Hence the sixth version created during May 2013 would have version stamp 20130506. Multiple files with different names should share the same version stamp where appropriate.

If many files are supplied, it may be convenient to package them in a single ZIP archive with a single OMG document number; however, each separate file should nevertheless still be given its own entry in this section.

For each machine-readable file, list any other files on which it depends (e.g. by inclusion), and whether it's normative, informative or ancillary (see above).

Each normative or informative machine-readable file is given a URL that allows it to be unambiguously referenced on the OMG formal specification web site. Ancillary files do not have URLs - they are not usually placed on the formal specification page.

| | |
|---|---|
| **Description:** | **FIBO FND 1.2 RDF/XML Serialized OWL Files (normative) (Zip File)** |
| Doc Number: | dtc/17-02-04 |
| Status: | Normative |

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|---|---|
| **Description:** | **Contracts ontology in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-04 |
| Filename: | Agreements/Contracts.rdf (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Agreements/Contracts.rdf |

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|---|---|
| **Description:** | **Arrangements ontology in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-04 |
| Filename: | Arrangements/Arrangements.rdf (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Arrangements/Arrangements.rdf |

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|---|---|
| **Description:** | **Documents ontology in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-04 |
| Filename: | Arrangements/Documents.rdf (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Arrangements/Documents.rdf |

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|---|---|
| **Description:** | **Business Dates ontology in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-04 |
| Filename: | DatesAndTimes/BusinessDates.rdf (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/DatesAndTimes/BusinessDates.rdf |

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|---|---|
| **Description:** | **Financial Dates ontology in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-04 |
| Filename: | DatesAndTimes/FinancialDates.rdf (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/DatesAndTimes/FinancialDates.rdf |

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|---|---|
| **Description:** | **Relations ontology in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-04 |
| Filename: | Relations/Relations.rdf (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Relations/Relations.rdf |

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|---|---|
| **Description:** | **FIBO FND 1.2 ODM UML XMI Files (normative) (Zip File)** |
| Doc Number: | dtc/17-02-06 |
| Status: | Normative |

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|---|---|
| **Description:** | **Contracts ontology in ODM UML XMI** |
| Doc Number: | dtc/17-02-06 |
| Filename: | Agreements/Contracts.xml (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Agreements/Contracts.xml |

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|---|---|
| **Description:** | **Arrangements ontology in ODM UML XMI** |
| Doc Number: | dtc/17-02-06 |
| Filename: | Arrangements/Arrangements.xml (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Arrangements/Arrangements.xml |

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|---|---|
| **Description:** | **Documents ontology in ODM UML XMI** |
| Doc Number: | dtc/17-02-06 |
| Filename: | Arrangements/Documents.xml (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Arrangements/Documents.xml |

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|---|---|
| **Description:** | **Business Dates ontology in ODM UML XMI** |
| Doc Number: | dtc/17-02-06 |

Filename:        DatesAndTimes/BusinessDates.xml (zip entry)
Status:          Normative
URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/DatesAndTimes/BusinessDates.xml

**Description:**   **Financial Dates ontology in ODM UML XMI**
Doc Number:     dtc/17-02-06
Filename:        DatesAndTimes/FinancialDates.xml (zip entry)
Status:          Normative
URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/DatesAndTimes/FinancialDates.xml

**Description:**   **Relations ontology in ODM UML XMI**
Doc Number:     dtc/17-02-06
Filename:        Relations/Relations.xml (zip entry)

Status:          Normative
URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Relations/Relations.xml

**Description:**   **FIBO FND 1.2 ODM XMI Files (normative) (Zip File)**
Doc Number:     dtc/17-02-07
Status:          Normative

**Description:**   **Contracts ontology in ODM XMI**
Doc Number:     dtc/17-02-07
Filename:        Agreements/Contracts.xmi (zip entry)
Status:          Normative
URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Agreements/Contracts.xmi

**Description:**   **Arrangements ontology in ODM XMI**
Doc Number:     dtc/17-02-07
Filename:        Arrangements/Arrangements.xmi (zip entry)
Status:          Normative
URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Arrangements/Arrangements.xmi

**Description:**   **Documents ontology in ODM XMI**
Doc Number:     dtc/17-02-07
Filename:        Arrangements/Documents.xmi (zip entry)
Status:          Normative
URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Arrangements/Documents.xmi

**Description:**   **Business Dates ontology in ODM XMI**
Doc Number:     dtc/17-02-07
Filename:        DatesAndTimes/BusinessDates.xmi (zip entry)
Status:          Normative
URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/DatesAndTimes/BusinessDates.xmi

**Description:**   **Financial Dates ontology in ODM XMI**
Doc Number:     dtc/17-02-07
Filename:        DatesAndTimes/FinancialDates.xmi (zip entry)
Status:          Normative

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|---|---|
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/DatesAndTimes/FinancialDates.xmi |

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|---|---|
| **Description:** | **Relations ontology in ODM XMI** |
| Doc Number: | dtc/17-02-07 |
| Filename: | Relations/Relations.xmi (zip entry) |
| Status: | Normative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Relations/Relations.xmi |

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|---|---|
| **Description:** | **FIBO FND 1.2 RDF/XML Serialized OWL Files (informative "about" file) (Zip File)** |
| Doc Number: | dtc/17-02-05 |
| Status: | Informative |

| | |
|---|---|
| **Description:** | **about file for the Accounting module in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-05 |
| Filename: | Accounting/AboutAccounting.rdf (zip entry) |
| Status: | Informative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Accounting/AboutAccounting.rdf |

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|---|---|
| **Description:** | **about file for the Agents and People module in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-05 |
| Filename: | AgentsAndPeople/AboutAgentsAndPeople.rdf (zip entry) |
| Status: | Informative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/AgentsAndPeople/AboutAgentsAndPeople.rdf |

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|---|---|
| **Description:** | **about file for the Agreements module in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-05 |
| Filename: | Agreements/AboutAgreements.rdf (zip entry) |
| Status: | Informative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Agreements/AboutAgreements.rdf |

| | |
|---|---|
| **Description:** | **about file for the Arrangements module in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-05 |
| Filename: | Arrangements/AboutArrangements.rdf (zip entry) |
| Status: | Informative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Arrangements/AboutArrangements.rdf |

| | |
|---|---|
| **Description:** | **about file for the Dates and Times module in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-05 |
| Filename: | DatesAndTimes/AboutDatesAndTimes.rdf (zip entry) |
| Status: | Informative |
| URL: | http://www.omg.org/spec/EDMC-FIBO/FND/20170201/DatesAndTimes/AboutDatesAndTimes.rdf |

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|---|---|
| **Description:** | **about file for the Goals and Objectives module in RDF/XML serialized OWL** |
| Doc Number: | dtc/17-02-05 |
| Filename: | GoalsAndObjectives/AboutGoalsAndObjectives.rdf (zip entry) |

Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/GoalsAndObjectives/AboutGoalsAndObjectives.rdf

**Description:    about file for the Law module in RDF/XML serialized OWL**
Doc Number:     dtc/17-02-05
Filename:       Law/AboutLaw.rdf (zip entry)
Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Law/AboutLaw.rdf

**Description:    about file for the Organizations module in RDF/XML serialized OWL**
Doc Number:     dtc/17-02-05
Filename:       Organizations/AboutOrganizations.rdf (zip entry)
Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Organizations/AboutOrganizations.rdf

**Description:    about file for the Ownership and Control module in RDF/XML serialized OWL**
Doc Number:     dtc/17-02-05
Filename:       OwnershipAndControl/AboutOwnershipAndControl.rdf (zip entry)
Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/OwnershipAndControl/AboutOwnershipAndControl.rdf

**Description:    about file for the Parties module in RDF/XML serialized OWL**
Doc Number:     dtc/17-02-05
Filename:       Parties/AboutParties.rdf (zip entry)
Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Parties/AboutParties.rdf

**Description:    about file for the Places module in RDF/XML serialized OWL**
Doc Number:     dtc/17-02-05
Filename:       Places/AboutPlaces.rdf (zip entry)
Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Places/AboutPlaces.rdf

**Description:    about file for the Products and Services module in RDF/XML serialized OWL**
Doc Number:     dtc/17-02-05
Filename:       ProductsAndServices/AboutProductsAndServices.rdf (zip entry)
Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/ProductsAndServices/AboutProductsAndServices.rdf

**Description:    about file for the Quantities module in RDF/XML serialized OWL**
Doc Number:     dtc/17-02-05
Filename:       Quantities/AboutQuantities.rdf (zip entry)
Status:         Informative
URL:            http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Quantities/AboutQuantities.rdf

**Description:**     **about file for the Relations module in RDF/XML serialized OWL**

Doc Number:    dtc/17-02-05

Filename:        Relations/AboutRelations.rdf (zip entry)

Status:           Informative

URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Relations/AboutRelations.rdf

**Description:**     **about file for the Utilities module in RDF/XML serialized OWL**

Doc Number:    dtc/17-02-05

Filename:        Utilities/AboutUtilities.rdf (zip entry)

Status:           Informative

URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Utilities/AboutUtilities.rdf

**Description:**     **about file for the FND 1.1 Specification in RDF/XML serialized OWL**

Doc Number:    dtc/17-02-05

Filename:        AboutFND-1.1.rdf (zip entry)

Status:           Informative

URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/AboutFND-1.1.rdf

**Description:**     **about file for the FND 1.2 Specification in RDF/XML serialized OWL**

Doc Number:    dtc/17-02-05

Filename:        AboutFND-1.2.rdf (zip entry)

Status:           Informative

URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/AboutFND-1.2.rdf

**Description:**     **XML catalog file to facilitate loading the FND 1.2 Specification in ontology tools**

Doc Number:    dtc/17-02-05

Filename:        catalog-v001.xml (zip entry)

Status:           Informative

URL:             http://www.omg.org/spec/EDMC-FIBO/FND/20170201/catalog-v001.xml

# Additional Editing Instructions

1. Additional entry in the .htccess file on the OMG server
Add the following line to the .htaccess file located in the http://www.omg.org/spec/EDMC-FIBO/ directory to support namespace redirection for the FIBO FND specification ontologies (if it is not already present):

RedirectMatch 303 ^(.)**/EDMC-FIBO/FND/(.**)/$ $1/EDMC-FIBO/FND/$2.rdf

2. Additional instructions for where to save the RDF/XML, UML XMI and ODM XMI files.

2.1 When posting the normative RDF/XML Serialized OWL files in dtc/2017-02-04, please ignore the URLs given in this report (dtc/17-02-01), but instead use this algorithm:
For each URL that includes "/20170201" and ends in ".rdf" in the Normative File list on PDF pages 1-2 of dtc/17-02-02, do these three things:
A. Locate the Zip component within dtc/17-02-04 whose name partially matches that URL
B. Link that Zip component at that URL
C. Link the same Zip component at the corresponding URL with "/20170201" removed

2.2 When posting the normative ODM UML XMI files in dtc/2017-02-06, please ignore the URLs given in this report (dtc/17-02-01), but instead use this algorithm:
For each URL that includes "/20170201" and ends in ".xml" in the Normative File list on PDF pages 2-3 of dtc/17-02-02, do these three things:
A. Locate the Zip component within dtc/17-02-06 whose name partially matches that URL
B. Link that Zip component at that URL
C. Link the same Zip component at the corresponding URL with "/20170201" removed

2.3 When posting the normative ODM XMI files in dtc/2017-02-07, please ignore the URLs given in this report (dtc/17-02-01), but instead use this algorithm:
For each URL that includes "/20170201" and ends in ".xmi" in the Normative File list on PDF pages 3-4 of dtc/17-02-02, do these three things:
A. Locate the Zip component within dtc/2017-02-07 whose name partially matches that URL
B. Link that Zip component at that URL
C. Link the same Zip component at the corresponding URL with "/20170201" removed

3. When posting the non-normative files in dtc/17-02-05, please ignore the URLs given in this report (dtc/17-02-01), but instead use this algorithm:
For each URL that includes "/20170201" and ends in ".rdf" Informative File list on PDF page 5 of dtc/17-02-02, do these three things:
A. Locate the Zip component within dtc/17-02-05 whose name partially matches that URL
B. Link that Zip component at that URL
C. Link the same Zip component at the corresponding URL with the version removed
In addition, for the XML catalog file in the informative archive (dtc/17-02-05), named "catalog-v001.xml", locate the zip component with that name and link that zip component to the top-level non-versioned URL, namely to http://www.omg.org/spec/EDMC-FIBO/FND/catalog-v001.xml, and to the versioned location at http://www.omg.org/spec/EDMC-FIBO/FND/20170201/catalog-v001.xml.

4. The Visual Ontology Modeler/MagicDraw models provided with the submission support the anticipated changes needed in ODM 1.2 to support OWL 2 and RDF 1.1. These are ancillary, and as such, a detailed description of the contents is not provided here. OMG Member representatives who would like to review these in VOM/MagicDraw are asked to contact Ms. Elisa Kendall (ekendall@thematix.com) for the VOM 2.0 plug-in for MagicDraw v 17.0.5 and requisite libraries, including those needed for Dublin Core, SKOS, and the Specification Metadata.

# IPR Mode

Under OMG's IPR policy, every specification published after April 2013 must include a declaration of the terms under which anyone who contributed text to the specification must agree to license any patents that they control, and which they claim are essential to implementing the specification. This is known as the "IPR Mode" of the specification. It must be chosen from the list specified in the IPR policy, and once OMG's Board has selected the IPR Mode for a specification, it cannot subsequently be changed for any later RTF or FTF for that specification.

For RTFs or FTFs chartered before April 2013, a Legacy IPR mode must be selected for the specification being revised/finalised using the procedure in ipr/12-11-01 section 3.3.3, and listed below.

For RTFs or FTFs chartered after April 2013 for a specification without an IPR mode, the charter includes a Legacy IPR mode selected by the same procedure - that mode is listed bellow.

For a full, definitive statement of OMG's IPR policy, see: http://doc.omg.org/ipr.

**IPR mode of base specification: Non-Assert**

# RTF Membership

| Member | Organization | Role | Status |
|---|---|---|---|
| Manfred Koethe | 88solutions | Voting Member | Charter |
| Pete Rivett | Adaptive | Voting Member | Charter |
| Elisa Kendall | Thematix Partners LLC | Voting Member | Charter |
| Bobbin Teegarden | No Magic, Inc. | Voting Member | Charter |
| Dennis Wisnosky | EDM Council | Chair | Charter |
| Richard Beatch | Bloomberg LP | Voting Member | Charter |

# Disposition Summary

| Disposition | Number Of Issues | Meaning Of Disposition |
|---|---|---|
| Resolved | 9 | The RTF/FTF agreed that there is a problem that needs fixing, and has proposed a resolution (which may or may not agree with any resolution the issue submitter proposed) |
| Deferred | 1 | The RTF/FTF agrees that there is a problem that needs fixing, but did not agree on a resolution and deferred its resolution to a future RTF/FTF. |
| Closed; No Change | 0 | The RTF/FTF decided that the issue report does not, in fact, identify a problem with this (or any other) OMG specification. |
| Closed; Out Of Scope | 0 | The RTF/FTF decided that the issue report is an enhancement request, and therefore out of scope for this or any future FTF or RTF working on this major version of the specification. The RTF/FTF has closed the issue without making any specification changes, but RFP or RFC submission teams may like to consider these enhancement requests when proposing future new major versions of the specification. |
| Duplicate or Merged | 0 | This issue is either an exact duplicate of another issue, or very closely related to another issue: see that issue for disposition. |

# Voting Record

Note: Issue numbers shown in the tables below should be prefixed with the JIRA Project Prefix (FIBOFND12-) to form fully qualified issue numbers.

| Ballot No. | Closing Date | Number of Issues | Issues Included |
|---|---|---|---|
| 2 | 20 February 2017 | 4 | 1, 2, 3, 4 |
| 3 | 27 February 2017 | 6 | 5, 6, 7, 8, 9, 10 |

The following tables detail the vote for each member in each ballot. The vote is described as follows:

**Y**     Yes - Positive Vote

**N**     No - Negative Vote

**A**     Abstain

-     Member Did Not Vote

## Voting Record for Ballot No. 2

| Voter | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| Manfred Koethe | Y | Y | Y | Y |
| Pete Rivett | Y | Y | Y | Y |
| Richard Beatch | Y | Y | Y | Y |
| Dennis Wisnosky | Y | Y | Y | Y |
| Bobbin Teegarden | Y | Y | Y | Y |
| Elisa Kendall | Y | Y | Y | Y |

## Voting Record for Ballot No. 3

| Voter | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|
| Manfred Koethe | Y | Y | Y | Y | Y | Y |
| Pete Rivett | - | - | - | - | - | - |
| Richard Beatch | Y | Y | Y | Y | Y | Y |
| Dennis Wisnosky | Y | Y | Y | Y | Y | Y |
| Bobbin Teegarden | Y | Y | Y | Y | Y | Y |
| Elisa Kendall | Y | Y | Y | Y | Y | Y |

# Summary of Changes Made

The FTF made changes that:

- Corrected errors in the specification
- Increased the clarity of the specification
- Corrected features in order to improve implementability and adoption of the standard

Here is the FTF's categorization of the resolutions applied to the specification according to their impact on the clarity and precision of the specification:

Note: Issue numbers shown in the tables below should be prefixed with the JIRA Project Prefix (FIBOFND12-) to form fully qualified issue numbers.

| Extent of Change | Number of Issues | Issues Included |
|---|---|---|
| Critical/Urgent — Fixed problems with normative parts of the specification which prevented implementation work. | 0 | |
| Significant — Fixed problems with normative parts of the specification that raised concern about implementability. | 6 | 3, 4, 5, 6, 7, 8 |
| Minor — Fixed minor problems with normative parts of the specification. | 3 | 2, 9, 10 |
| Support Text — Changes to descriptive, explanatory, or supporting material. | 0 | |

# Disposition: Resolved

## OMG Issue: FIBOFND12-2

## Title:

## Definition of property 'provides' implies a specific audience

**Summary:**

provides: makes something available to

The "to" at the end implies a 3 way relationship between provider, what's provided and whom it is provided to. In fact the predicate does not involve the latter at all so the "to" should be removed.

**Source:**

dtc/16-03-03 — Chapter/Section: 10.2.1 Ontology: Relations, Table 10-11 Relations Details — Page Number/s: 67

**Resolution Summary:**

**Definition of property 'provides' implies a specific audience**

Resolution of this issue requires (1) modification of the Relations ontology to revise the definition of provides, and (2) modification of Table 10-11, Relations Details, to make the corresponding change to the text of the definition.

The change to the ontology itself necessitates revision of its version IRI as well.

**Revised Text:**

1. Revise table 10-10. Relations Ontology Metadata to replace the versionIRI, http://www.omg.org/spec/EDMC-FIBO/FND/20141101/Relations/Relations/, with http://www.omg.org/spec/EDMC-FIBO/FND/20170201/Relations/Relations/

2. Revise table 10-11. Relations Details, under Properties at the top of page 67, to change the definition of "provides" from

"Definition: makes something available to"

to

"Definition: makes something available"

**Extent Of Change:**

Minor

**Disposition:**

Resolved - Approved on Ballot #2

**Reporter:**

Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)

**Reported:**

Sun, 12 Feb 2017 00:27 GMT on EDMC-FIBO/FND 1.1b2

**Updated:**

Tue, 21 Feb 2017 00:16 GMT

**Discussion:**

FIBOFND12-2 - http://issues.omg.org/browse/FIBOFND12-2

**Attachments:**

- Relations.rdf - dtc-17-02-09/FIBOFND12-2/Relations.rdf 38 kB (application/rdf+xml)

# OMG Issue: FIBOFND12-3

## Title:
## The domain of the "uses" and range of "isUsedBy", added in FND 1.1, cause reasoning errors

**Summary:**

The "isUsedBy" property links a currency to the geopolitical entity that uses that currency, and was originally intended to be useful with not only autonomous agents but entities such as geopolitical entities in its range.

The addition of the domain for uses and range for isUsedBy as a part of the FND 1.1 RTF work now cause individuals that are geopolitical entities to be inferred to be AutonomousAgents, which is wrong.

The domain of uses and range of is used by should be removed, eliminating this constraint, and the definitions revised accordingly.

**Source:**
dtc/16-03-03 — Chapter/Section: 10.2.1 Ontology: Relations, Table 10-11 Relations Details — Page Number/s: 66-67

**Resolution Summary:**

**The domain of the "uses" and range of "isUsedBy", added in FND 1.1, cause reasoning errors**

The correction to this issue involves loosening the domain and range restrictions on two properties: isUsedBy and uses in the Relations ontology, and revising the definition of uses so that it does not refer to an autonomous agent as the entity in the domain of uses.

Resolution of this issue depends on the resolution to FIBOFND12-2 - http://issues.omg.org/browse/FIBOFND12-2.

**Revised Text:**

1. Replace figure 10.13 Simple Physical Relations, with the figure attached to this resolution.

2. Revise table 10-12 Relations Details, under Properties, for property isUsedBy (page 66 towards the bottom) to delete "Range: AutonomousAgent" from the 3rd column.

3. Revise table 10-12 Relations Details, under Properties, for property uses (page 67, middle of the page) to (a) change the definition from "relates an autonomous agent to something that it has the ability to employ in some way" to "relates something to something else that it has the ability to employ in some way", and (b) delete "Domain: AutonomousAgent" from the 3rd column.

**Extent Of Change:**
Significant

**Disposition:**
Resolved - Approved on Ballot #2

**Reporter:**
Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)

**Reported:**
Sun, 12 Feb 2017 00:32 GMT on EDMC-FIBO/FND 1.1b2

**Updated:**
Tue, 21 Feb 2017 00:16 GMT

**Discussion:**
FIBOFND12-3 - http://issues.omg.org/browse/FIBOFND12-3

**Attachments:**

- Relations.rdf - dtc-17-02-09/FIBOFND12-3/Relations.rdf 38 kB (application/rdf+xml)
- Simple Physical Relations.jpg - dtc-17-02-09/FIBOFND12-3/Simple%20Physical%20Relations.jpg 151 kB (image/jpeg)
- Simple Physical Relations.png - dtc-17-02-09/FIBOFND12-3/Simple%20Physical%20Relations.png 36 kB (image/png)
- Simple Physical Relations.svg - dtc-17-02-09/FIBOFND12-3/Simple%20Physical%20Relations.svg 375 kB (image/svg+xml)

# OMG Issue: FIBOFND12-4

## Title:
## comprises needs an explanatory note and inverse property

**Summary:**

comprises is used in places in FIBO as a broader concept than has part, that is somewhat related to hasPart (i.e., similar to and possibly a synonym of includes), where we need cardinality restrictions on how many parts of some type that something can have, or on the thing that something must be included in. Comprises is not defined as transitive to facilitate the use of cardinality restrictions.

In order to help make this clear, we need an explanatory note on comprises, and an inverse for it, possibly called isIncludedIn, that can be used for this purpose.

**Source:**
dtc/16-03-03 — Chapter/Section: 10.2.1 Ontology: Relations, Table 10-11 Relations Details — Page Number/s: 63

**Resolution Summary:**

### comprises needs an explanatory note and inverse property

This issue involves adding a note to the definition of comprises as well as creating a new inverse property, isIncludedIn, for use in other downstream ontologies.

The resolution of this issue depends on the resolution of FIBOFND12-2 - http://issues.omg.org/browse/FIBOFND12-2 and FIBOFND12-3 - http://issues.omg.org/browse/FIBOFND12-3.

**Revised Text:**

1. Replace figure 10.12 Singular Relations, with the attached figure (top of page 59).

2. Modify table 10-11 Relations Details, under Properties, for the property "comprises" at the top of page 63, to add (a) a usage note, below the definition in the center column, as follows:

"Usage Note: Note that something can be comprised of something(s) that may or may not be understood as separable parts, and thus is not defined as being explicitly transitive."

and (b) add an adapted from reference, again in the center column below the usage note, as follows:

"Adapted From: https://www.merriam-webster.com/dictionary/comprise"

3. Modify table 10-11 Relations Details, under Properties, to insert a new row, directly below the row for isHeldBy and above the row for isIssuedBy, as follows: (a) first column should be isIncludedIn (is included in), (b) middle column should be "Definition: relates something to something that contains it", and (c) third column should be "Inverse: comprises".

**Extent Of Change:**
Significant

**Disposition:**
Resolved - Approved on Ballot #2

**Reporter:**
Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)

**Reported:**
Sun, 12 Feb 2017 00:38 GMT on EDMC-FIBO/FND 1.1b2

**Updated:**
Tue, 21 Feb 2017 00:16 GMT

**Discussion:**
    FIBOFND12-4 - http://issues.omg.org/browse/FIBOFND12-4
**Attachments:**

- Relations.rdf - dtc-17-02-09/FIBOFND12-4/Relations.rdf 38 kB (application/rdf+xml)
- Singular Relations.jpg - dtc-17-02-09/FIBOFND12-4/Singular%20Relations.jpg 107 kB (image/jpeg)
- Singular Relations.png - dtc-17-02-09/FIBOFND12-4/Singular%20Relations.png 29 kB (image/png)
- Singular Relations.svg - dtc-17-02-09/FIBOFND12-4/Singular%20Relations.svg 262 kB (image/svg+xml)

# OMG Issue: FIBOFND12-5

# Title:
# Schedule in FND/DatesAndTimes should be a child of Collection

**Summary:**

A schedule is defined as a collection of potential / planned / possible / past / events associated with dates. It has no parent class at the moment, but should be modeled as a child of Collection. It's definition should also be revised to reflect the broader sense as stated herein rather than as a "table of dates", with an explanatory note that talks about the difference between ad hoc and regular schedules.

There are a number of places in the other downstream FIBO ontologies where the use of a generic hasSchedule property would be appropriate in restrictions, rather than inventing several local and more restricted properties.

In addition, the custom datatypes for dateValue and durationValue should be deprecated in favor of xsd:string, to eliminate reasoning errors in downstream processing.

Individuals for the days of the week are also needed to support definition of certain rules for loans (interest payments) and coupon payments. These should be defined as time intervals in accordance with the OMG DTV specification.

A number of the definitions need to be reformulated to correspond to our policy of using ISO 704-style definitions as well.
Attachments

**Source:**
   dtc/16-03-03 — Chapter/Section: 10.13.1 Ontology: FinancialDates — Page Number/s: 169-181
**Resolution Summary:**

   **Schedule in FND/DatesAndTimes should be a child of Collection**

   This issue resolution covers a number of issues in the FinancialDates ontology, including addressing the problems identified in the issue itself, including numerous editorial changes to the annotations on various concepts in the ontology, as highlighted in the text of the resolution, attached below.

**Revised Text:**

   See attached MS Word document, which includes diagram changes as well as table revisions.

**Extent Of Change:**
   Significant
**Disposition:**
   Resolved - Approved on Ballot #3
**Reporter:**
   Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)
**Reported:**
   Sun, 12 Feb 2017 00:43 GMT on EDMC-FIBO/FND 1.1b2
**Updated:**
   Sun, 26 Feb 2017 18:31 GMT
**Discussion:**
   FIBOFND12-5 - http://issues.omg.org/browse/FIBOFND12-5
**Attachments:**

- FinancialDates.rdf - dtc-17-02-09/FIBOFND12-5/FinancialDates.rdf 57 kB (application/rdf+xml)
- Resolution_FIBOFND12-5.doc - dtc-17-02-09/FIBOFND12-5/Resolution_FIBOFND12-5.doc 678 kB

(application/msword)

# OMG Issue: FIBOFND12-6

# Title:
# Several additional concepts are needed in the Business Dates ontology to support specific schedule definitions

**Summary:**

Several concepts, such as business recurrence intervals including the day of the month, day of the week, and end of the month (as classes) are needed to support downstream FIBO development, such as for securities and loans.

In addition, a higher level concept of convention is needed to capture business day adjustments and conventions as their parent class, to clean up the hierarchy.

A number of the definitions in the BusinessDates should be cleaned up as a part of this revision to follow our policy for use of ISO 704 conventions for definition development as well.

**Resolution Summary:**

**Several additional concepts are needed in the Business Dates ontology to support specific schedule definitions**

The primary modifications made by this resolution primarily involve the addition of Convention as a structural concept to group some of the others in this ontology and the addition of three classes as business day conventions, including day of the month, day of the week, and end of the month, all of which are needed to support more complex schedule definitions in downstream FIBO ontologies.

A handful of definitions were revised to support an ISO 704 approach and a couple of missing definitions were added for some properties.

**Revised Text:**

See attached MS Word document for revised diagrams, tables and text.

**Extent Of Change:**
Significant
**Disposition:**
Resolved - Approved on Ballot #3
**Reporter:**
Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)
**Reported:**
Sun, 12 Feb 2017 00:51 GMT on EDMC-FIBO/FND 1.1
**Updated:**
Sun, 26 Feb 2017 18:31 GMT
**Discussion:**
FIBOFND12-6 - http://issues.omg.org/browse/FIBOFND12-6
**Attachments:**

- BusinessDates.rdf - dtc-17-02-09/FIBOFND12-6/BusinessDates.rdf 21 kB (application/rdf+xml)
- Resolution_FIBOFND12-6.doc - dtc-17-02-09/FIBOFND12-6/Resolution_FIBOFND12-6.doc 414 kB (application/msword)

# OMG Issue: FIBOFND12-7

## Title:
## Revise and refactor ContractTermsSet and its relationship to Contract

**Summary:**

As noted by several FCTs, the current Contract Terms Set concept does not adequately capture the semantics of contract terms, and is also named misleadingly.

This was originally modeled as a grouping of terms, which are terms of the contract, according to some common theme such as interest payment or call terms. The current OWL logic does not reflect that these are a common grouping of terms whose intended range would be that of the Contract.

One change needed is to revise the term that is called Contract Terms Set, which is in effect a Commitment, to actually make it a child of Commitment, thus making the terms of the Contract Terms Set qualifying terms of the Commitment.

This does not reflect the whole story, since those properties which qualify a commitment are themselves also terms of the contract. This can be implied, as a minimum, by identifying that the Commitment is itself related to the contract by some kind of parthood. Changes have been identified by the Foundations FCT to address this, and in fact the kind of parthood relation referred to here applies to things other than the Commitment.

**Resolution Summary:**

**Revise and refactor ContractTermsSet and its relationship to Contract**

This issue affects section 10.9.2 Ontology: Contracts. It calls for the addition of a new concept, ContractualCommitment, as a child of both ContractualElement and Commitment, changing the parent class of ConditionsPrecedent and NonBindingTermsSet (renamed via deprecation of the original and the addition of a new NonBindingTerms concept) from ContractTermsSet to ContractualElement, revision of definitions related to contractual element, adding definitions for contractual commitment and deprecation of contract terms set. A new property, hasContractualElement, is introduced as a replacement for hasTerms (which is deprecated via this resolution), and finally deprecation of ContractTermsSet.

Minor clean-up of annotations should also be accomplished as appropriate (such as elimination of preceding ' ' in front of some annotations or at the end of others, revising definitions and sources for some of the existing terms to align better with the new ones, etc.).

Finally, while working through the resolution text, the task force noted that the part of the table describing the properties details for this ontology was incorrect, copied from another ontology and including the properties from that ontology not contracts. This resolution fixes that.

This resolution depends on the resolution to issue FIBOFND12-5 - http://issues.omg.org/browse/FIBOFND12-5.

**Revised Text:**

See attached MS Word document, including revised diagrams and table modifications.

**Extent Of Change:**
Significant
**Disposition:**
Resolved - Approved on Ballot #3

**Reporter:**
    Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)
**Reported:**
    Sun, 12 Feb 2017 00:59 GMT on EDMC-FIBO/FND 1.1
**Updated:**
    Sun, 26 Feb 2017 18:31 GMT
**Discussion:**
    FIBOFND12-7 - http://issues.omg.org/browse/FIBOFND12-7
**Attachments:**

- Contracts.rdf - dtc-17-02-09/FIBOFND12-7/Contracts.rdf 40 kB (application/rdf+xml)
- Resolution_FIBOFND12-7.doc - dtc-17-02-09/FIBOFND12-7/Resolution_FIBOFND12-7.doc 333 kB (application/msword)

# OMG Issue: FIBOFND12-8

## Title:
## Not all transferable contracts are unilateral

**Summary:**

The definition of transferable contract is an equivalence of a number of restrictions with both written contract and unilateral contract. Not all transferable contracts are unilateral, however.

Unilateral contract should be eliminated from the intersection, and, per the FIBO development policy, the two min 1 QCR restrictions in the intersection should be changed to someValuesFrom.

**Resolution Summary:**

**Not all transferable contracts are unilateral**

The definition of transferable contract is defined as the intersection of written contract, unilateral contract, and several restrictions - that it confers some commitment, that it has a minimum of 1 ContractPrincipal and that it has a minimum of 1 ContractCounterparty.

This definition is overly restrictive and should be loosened to eliminate the requirement for being a unilateral contract. Further, the min 1 restrictions should be changed to someValuesFrom, which is more efficient from a reasoning perspective. Without eliminating the constraint that a transferable contract must be unilateral, the FIBO FBC specification cannot depend on this concept as a parent for security.

This resolution depends on the resolution of FIBOFND12-7 - http://issues.omg.org/browse/FIBOFND12-7.

**Revised Text:**

See attached MS Word document

**Extent Of Change:**
Significant
**Disposition:**
Resolved - Approved on Ballot #3
**Reporter:**
Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)
**Reported:**
Sun, 12 Feb 2017 01:02 GMT on EDMC-FIBO/FND 1.1
**Updated:**
Sun, 26 Feb 2017 18:31 GMT
**Discussion:**
FIBOFND12-8 - http://issues.omg.org/browse/FIBOFND12-8
**Attachments:**

- Contracts.rdf - dtc-17-02-09/FIBOFND12-8/Contracts.rdf 40 kB (application/rdf+xml)
- Resolution_FIBOFND12-8.doc - dtc-17-02-09/FIBOFND12-8/Resolution_FIBOFND12-8.doc 181 kB (application/msword)

# OMG Issue: FIBOFND12-9

# Title:
# Move StructuredCollection from IND to FND

**Summary:**

The concept of a structured collection is not limited to indicators, and should be moved from IND to FND/Arrangements. This is needed so that a new concept, that of a Record, can be added to FND/Documents (using the definition from the OMG's RMS), as a child of Document and of StructuredCollection, which is required to fix the definition of an account in FBC.

This is a first step in the process – a subsequent revision to IND should deprecate the current StructuredCollection concept in favor of this one added to FND.

**Source:**

dtc/16-03-03 — Chapter/Section: 10.5.1 Ontology: Arrangements and 10.5.5 Ontology: Documents — Page Number/s: 77-79 and 86-87

**Resolution Summary:**

**Move StructuredCollection from IND to FND**

The concepts of a structured collection and record are needed to support a number of downstream definitions, and because they are very general notions, they should be added to Foundations.

**Revised Text:**

See attached MS Word document for diagrams and text/table revisions.

**Extent Of Change:**
Minor
**Disposition:**
Resolved - Approved on Ballot #3
**Reporter:**
Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)
**Reported:**
Sun, 12 Feb 2017 01:06 GMT on EDMC-FIBO/FND 1.1b2
**Updated:**
Sun, 26 Feb 2017 18:31 GMT
**Discussion:**
FIBOFND12-9 - http://issues.omg.org/browse/FIBOFND12-9
**Attachments:**

- Arrangements.rdf - dtc-17-02-09/FIBOFND12-9/Arrangements.rdf 5 kB (application/rdf+xml)
- Documents.rdf - dtc-17-02-09/FIBOFND12-9/Documents.rdf 9 kB (application/rdf+xml)
- Resolution_FIBOFND12-9.doc - dtc-17-02-09/FIBOFND12-9/Resolution_FIBOFND12-9.doc 97 kB (application/msword)

# OMG Issue: FIBOFND12-10

## Title:
## Several FND about files have incorrect prefixes

**Summary:**

These are in informative about files for several of the FIBO FND modules, and do not affect the specification itself, but should be corrected with the FND 1.2 submission.

In addition, the original AboutFND-1.0 and AboutFND-1.1 files should be revised to use the original versionIRIs for ontologies that are modified by the FND 1.2 revision, so that they still reference the older versions for users that choose not to update to the latest. A new AboutFND-1.2 file should be provided to reference only the latest revisions of all of the ontologies that make up the FND specification.

The informative files should be provided in a separate archive from the normative files with the FND 1.2 revision.

**Source:**
dtc/16-02-13 — Chapter/Section: n/a — Page Number/s: n/a
**Resolution Summary:**

### Several FND about files have incorrect prefixes

This issue affects informative machine readable files only, and has no impact on the specification text.

It involves (1) providing a new FIBO FND 1.2 about file for the latest version of the specification, which describes the revision and provides metadata for use on the OMG server in the specification catalog as well as acting as a "make file" for the ontology, (2) revising the FIBO FND 1.1 about file to reference the versionIRIs from the prior version of the ontologies, for those users who are not ready to adopt the latest versions, and (3) corrects the about files for several of the modules in FND, attached.

Note that the FND 1.0 about file for FIBO FND 1.0 does not need revision.

**Revised Text:**

not applicable

**Extent Of Change:**
Minor
**Disposition:**
Resolved - Approved on Ballot #3
**Reporter:**
Elisa Kendall, Thematix Partners LLC (ekendall@thematix.com)
**Reported:**
Sun, 12 Feb 2017 01:14 GMT on EDMC-FIBO/FND 1.1
**Updated:**
Sun, 26 Feb 2017 18:31 GMT
**Discussion:**
FIBOFND12-10 - http://issues.omg.org/browse/FIBOFND12-10
**Attachments:**

- AboutAccounting.rdf - dtc-17-02-09/FIBOFND12-10/AboutAccounting.rdf 4 kB (application/rdf+xml)
- AboutAgentsAndPeople.rdf - dtc-17-02-09/FIBOFND12-10/AboutAgentsAndPeople.rdf 4 kB (application/rdf+xml)
- AboutAgreements.rdf - dtc-17-02-09/FIBOFND12-10/AboutAgreements.rdf 5 kB

(application/rdf+xml)
- AboutArrangements.rdf - dtc-17-02-09/FIBOFND12-10/AboutArrangements.rdf 4 kB (application/rdf+xml)
- AboutDatesAndTimes.rdf - dtc-17-02-09/FIBOFND12-10/AboutDatesAndTimes.rdf 5 kB (application/rdf+xml)
- AboutFND-1.1.rdf - dtc-17-02-09/FIBOFND12-10/AboutFND-1.1.rdf 22 kB (application/rdf+xml)
- AboutFND-1.2.rdf - dtc-17-02-09/FIBOFND12-10/AboutFND-1.2.rdf 22 kB (application/rdf+xml)
- AboutGoalsAndObjectives.rdf - dtc-17-02-09/FIBOFND12-10/AboutGoalsAndObjectives.rdf 4 kB (application/rdf+xml)
- AboutLaw.rdf - dtc-17-02-09/FIBOFND12-10/AboutLaw.rdf 4 kB (application/rdf+xml)
- AboutOrganizations.rdf - dtc-17-02-09/FIBOFND12-10/AboutOrganizations.rdf 5 kB (application/rdf+xml)
- AboutOwnershipAndControl.rdf - dtc-17-02-09/FIBOFND12-10/AboutOwnershipAndControl.rdf 4 kB (application/rdf+xml)
- AboutParties.rdf - dtc-17-02-09/FIBOFND12-10/AboutParties.rdf 5 kB (application/rdf+xml)
- AboutPlaces.rdf - dtc-17-02-09/FIBOFND12-10/AboutPlaces.rdf 4 kB (application/rdf+xml)
- AboutProductsAndServices.rdf - dtc-17-02-09/FIBOFND12-10/AboutProductsAndServices.rdf 4 kB (application/rdf+xml)
- AboutQuantities.rdf - dtc-17-02-09/FIBOFND12-10/AboutQuantities.rdf 4 kB (application/rdf+xml)
- AboutRelations.rdf - dtc-17-02-09/FIBOFND12-10/AboutRelations.rdf 4 kB (application/rdf+xml)
- AboutUtilities.rdf - dtc-17-02-09/FIBOFND12-10/AboutUtilities.rdf 4 kB (application/rdf+xml)
- catalog-v001.xml - dtc-17-02-09/FIBOFND12-10/catalog-v001.xml 10 kB (application/xml)

# Disposition: Deferred

## OMG Issue: FIBOFND12-1

# Title:
# Inability to import UML-XMI files into generic UML

**Summary:**

Terms_Agreement: I agree
First_Name: John
Last_Name: Gemski
Email: jgemski@thegoldensource.com
Company: GoldenSource Corp
CODE: OMG621
B1: Submit

Comments:

The xml files contained in "Updated UML-XMI for Foundations" (finance-13-09-06.zip) cannot be imported into our UML tools. We tried Visual Paradigm and Erwin and got the same results. Only the class name was imported.

**Resolution Summary:**

### Inability to import UML-XMI files into generic UML

The resolution to this issue requires submitting a single UML project for all of the FIBO ontologies, which the FIBO team has determined may be accomplished via a new approach to integration of the UML XMI. Testing this has necessarily been deferred to a subsequent revision task force due to the need for modifications to the existing tool infrastructure used to generate the XMI, however.

**Disposition:**

Deferred - Approved on Ballot #2

**Reporter:**

Dennis Wisnosky, EDM Council (dennis@wisnosky.net)

**Reported:**

Fri, 21 Feb 2014 19:46 GMT on EDMC-FIBO/FND 1.0b1

**Updated:**

Tue, 21 Feb 2017 00:16 GMT

**Discussion:**

FIBOFND12-1 - http://issues.omg.org/browse/FIBOFND12-1

# Disposition: Closed; No Change

*No issues in this report.*

# Disposition: Closed; Out Of Scope

*No issues in this report.*

# Disposition: Duplicate or Merged

*No issues in this report.*