

**Report of the
NIEM-UML 3.0 FTF Finalization Task Force
to the
OMG Platform Technical Committee**

22 May 2016

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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: NIEM-UML

Version number: 3.0

Title:	Revised specification (clean)
Doc Number:	dtc/16-05-02
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/3.0

Title:	NIEM-UML 3.0 convenience document with change bars
Doc Number:	dtc/16-05-03
Status:	Informative

Supporting Documents

Title: MagicDraw implementation of NIEM-UML profile

Doc Number: [gov/15-02-12](#)

Status: Informative

URL: <http://www.omg.org/spec/NIEM-UML/3.0/NIEM-UML-Profile.mdzip>

Title: MagicDraw implementation of PetAdoption example

Doc Number: [gov/15-02-14](#)

Status: Informative

URL: <http://www.omg.org/spec/NIEM-UML/3.0/PetExample.mdzip>

Title: MagicDraw implementation of NIEM-UML libraries

Doc Number: [gov/15-02-13](#)

Status: Informative

URL: <http://www.omg.org/spec/NIEM-UML/3.0/ModelLibraryMD.zip>

Title: MagicDraw implementation of Clause 7 examples

Doc Number: [gov/15-02-15](#)

Status: Ancillary

Title: NIEM-UML 3.0 FTF - MagicDraw implementation of profile and libraries with improved diagrams

Doc Number: [dte/16-05-05](#)

Status: Informative

URL: <http://www.omg.org/spec/NIEM-UML/3.0/ModelsWithImprovedDiagrams.zip>

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: UML Profile for NIEM 3 XMI file - NIEM UML Profile

Doc Number: [gov/15-02-03](#)

Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEM-UML-Profile.xmi
Description:	NIEM-UML 3XML Primitive Types Library
Doc Number:	gov/15-02-04
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/XmlPrimitiveTypes.xmi
Description:	NIEM PIM to NIEM PSM QVT Transformation
Doc Number:	gov/15-02-06
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEMpim2psm.qvto
Description:	NIEM PSM to NIEM-Conforming XML Schema QVT Transformation
Doc Number:	gov/15-02-07
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEMpsm2xsd.qvto
Description:	NIEM MPD Model to NIEM MPD Artifact QVT Transformation
Doc Number:	gov/15-02-08
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEMmpdmodel2artifact.qvto
Description:	NIEM MPD Artifact to NIEM MPD Model QVT Transformation
Doc Number:	gov/15-02-09
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEMmpdartifact2model.qvto
Description:	NIEM Globals QVT Transformation
Doc Number:	gov/15-02-10
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEMGlobals.qvto
Description:	NIEM Platform Binding QVT Transformation
Doc Number:	gov/15-02-11
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEMplatformBinding.qvto
Description:	NIEM-UML 3 Reference Vocabulary Library (Zip File)
Doc Number:	gov/15-02-05
Status:	Normative
Description:	Niem reference adapters
Doc Number:	gov/15-02-05
Filename:	NIEMReference/NIEM-Reference-adapters-edxl-cap.xmi (zip entry)
Status:	Normative
URL:	http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-adapters-edxl-cap.xmi

Description: Niem reference adaptersDoc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-adapters-edxl-de.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-adapters-edxl-de.xmi>**Description: Niem reference adapters**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-adapters-edxl-have.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-adapters-edxl-have.xmi>**Description: Niem reference adapters**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-adapters-geospatial.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-adapters-geospatial.xmi>**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-ansi_d20.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-ansi_d20.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-apco_event.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-apco_event.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-atf.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-atf.xmi>**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-canada_post.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-canada_post.xmi

Description: Niem reference codesDoc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-cbrncl.xml (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-cbrncl.xml>**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-census_commodity.xml (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-census_commodity.xml**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-census_uscounty.xml (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-census_uscounty.xml**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-core_misc.xml (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-core_misc.xml**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-dea_ctlsub.xml (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-dea_ctlsub.xml**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-dod_jcs-pub2.0.xml (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-dod_jcs-pub2.0.xml**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-dol_soc.xml (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-dol_soc.xml**Description: Niem reference codes**

Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-dot_hazmat.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-dot_hazmat.xmi

Description: Niem reference codes

Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-edxl_have.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-edxl_have.xmi

Description: Niem reference codes

Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-edxl_rm.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-edxl_rm.xmi

Description: Niem reference codes

Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-fbi_ncic.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-fbi_ncic.xmi

Description: Niem reference codes

Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-fbi_ndex.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-fbi_ndex.xmi

Description: Niem reference codes

Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-fbi_ucr.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-fbi_ucr.xmi

Description: Niem reference codes

Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-fips_10-4.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-fips_10-4.xmi

Description: Niem reference codesDoc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-fips_5-2.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-fips_5-2.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-fips_6-4.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-fips_6-4.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-hl7.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-hl7.xmi>**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-iso_3166-1.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-iso_3166-1.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-iso_4217.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-iso_4217.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-iso_639-3.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-iso_639-3.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-it_codes.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-it_codes.xmi

Description: Niem reference codes
Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-mmucc.xmi (zip entry)
Status: Normative
URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-mmucc.xmi>

Description: Niem reference codes
Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-nga_datum.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-nga_datum.xmi

Description: Niem reference codes
Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-nga_genc.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-nga_genc.xmi

Description: Niem reference codes
Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-nga_vdatum.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-nga_vdatum.xmi

Description: Niem reference codes
Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-nlets.xmi (zip entry)
Status: Normative
URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-nlets.xmi>

Description: Niem reference codes
Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-occs_facility.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-occs_facility.xmi

Description: Niem reference codes
Doc Number: [gov/15-02-05](#)
Filename: NIEMReference/NIEM-Reference-codes-pmise_sar.xmi (zip entry)
Status: Normative
URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-pmise_sar.xmi

Description: Niem reference codes~~Doc Number: gov/15-02-05~~

Filename: NIEMReference/NIEM-Reference-codes-unece_rec20.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-unece_rec20.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-usps_states.xmi (zip entry)

Status: Normative

URL: http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-usps_states.xmi**Description: Niem reference codes**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-codes-xCard.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-codes-xCard.xmi>**Description: Niem reference domains**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-domains-biometrics.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-domains-biometrics.xmi>**Description: Niem reference domains**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-domains-emergencyManagement.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-domains-emergencyManagement.xmi>**Description: Niem reference domains**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-domains-infrastructureProtection.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-domains-infrastructureProtection.xmi>**Description: Niem reference domains**Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-domains-screening.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-domains-screening.xmi>**Description: Niem reference external**

Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-external-cap.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-external-cap.xmi>

Description: **Niem reference external**

Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-external-de.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-external-de.xmi>

Description: **Niem reference external**

Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-external-have.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-external-have.xmi>

Description: **Niem reference external**

Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-external-ogc.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-external-ogc.xmi>

Description: **Niem reference external**

Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-external-xml.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-external-xml.xmi>

Description: **Niem reference niem core**

Doc Number: [gov/15-02-05](#)

Filename: NIEMReference/NIEM-Reference-niem-core.xmi (zip entry)

Status: Normative

URL: <http://www.omg.org/spec/NIEM-UML/20150201/NIEMReference/NIEM-Reference-niem-core.xmi>

Additional Editing Instructions

Three informative documents were already published for the beta 1 spec at the following URLs:

<http://www.omg.org/spec/NIEM-UML/20150201/NIEM-UML-Profile.mdzip>

<http://www.omg.org/spec/NIEM-UML/20150201/ModelLibraryMD.zip>

<http://www.omg.org/spec/NIEM-UML/20150201/PetExample.mdzip>

For continuity these URLs may be maintained instead of relocating the same files to the new URLs specified in the Supporting Documents section.

Please publish dtc/16-05-05 at <http://www.omg.org/spec/NIEM-UML/3.0/ModelsWithImprovedDiagrams.zip>

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 below.

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

IPR mode of base specification: Non-Assert

FTF Membership

Member	Organization	Role	Status
Cory Casanave	Model Driven Solutions	Chair	Charter
Tom Digre	Visumpoint	Voting Member	Removed Aug 19, 2015
Steve Cook	Model Driven Solutions	Voting Member	Removed Aug 19, 2015
J.D. Baker	Sparx Systems Pty Ltd	Voting Member	Charter
Robert Lario	Visumpoint	Voting Member	Charter
Fatma Dandashi	MITRE	Voting Member	Charter
Bruce Silver	Bruce Silver Associates	Voting Member	Removed Aug 19, 2015
Sam Mancarella	ModelFoundry	Voting Member	Added Dec 11, 2015
Tim Stephenson	Omny Link	Voting Member	Removed Aug 19, 2015
Philippe-Emmanuel Douziech	CAST Software	Voting Member	Removed Aug 19, 2015
Hiroyuki Haruyama	Information-technology Promotion Agency, Japan	Voting Member	Removed Aug 19, 2015
Vijay Mehra	PM-ISE	Voting Member	Charter
Mark von Rosing	LEADing Practice	Voting Member	Added Mar 18, 2016
Oliver Xylander	Signavio GmbH	Voting Member	Removed Aug 19, 2015
Stephane Vaucher	Benchmark Consulting	Voting Member	Removed Aug 19, 2015

Disposition Summary

Disposition	Number Of Issues	Meaning Of Disposition
Resolved	15	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	0	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	7	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 (UMLNIEM3-) to form fully qualified issue numbers.

Ballot No.	Closing Date	Number of Issues	Issues Included
2	16 February 2016	13	2, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 20
4	18 May 2016	1	5
5	18 May 2016	5	1, 3, 4, 6, 37
6	19 May 2016	1	16
7	21 May 2016	2	19, 36

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	2	7	8	9	10	11	12	13	14	15	17	18	20
Fatma Dandashi	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Cory Casanave	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Sam Mancarella	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Vijay Mehra	-	-	-	-	-	-	-	-	-	-	-	-	-
J.D. Baker	Y	Y	Y	Y	A	Y	Y	Y	Y	Y	Y	Y	Y
Robert Lario	-	-	-	-	-	-	-	-	-	-	-	-	-

Voting Record for Ballot No. 4

Voter	5
Mark von Rosing	-
Fatma Dandashi	Y
Cory Casanave	Y

Sam Mancarella	Y
Vijay Mehra	-
J.D. Baker	Y
Robert Lario	-

Voting Record for Ballot No. 5

Voter	1	3	4	6	37
Mark von Rosing	-	-	-	-	-
Fatma Dandashi	Y	Y	Y	Y	Y
Cory Casanave	Y	Y	Y	Y	Y
Sam Mancarella	Y	Y	Y	Y	Y
Vijay Mehra	-	-	-	-	-
J.D. Baker	Y	Y	Y	Y	Y
Robert Lario	-	-	-	-	-

Voting Record for Ballot No. 6

Voter	16
Mark von Rosing	-
Fatma Dandashi	Y
Cory Casanave	Y
Sam Mancarella	Y
Vijay Mehra	-
J.D. Baker	Y
Robert Lario	-

Voting Record for Ballot No. 7

Voter	19	36
Mark von Rosing	-	-
Fatma Dandashi	Y	Y

Cory Casanave	Y	Y
Sam Mancarella	Y	Y
Vijay Mehra	-	-
J.D. Baker	A	Y
Robert Lario	-	-

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 (UMLNIEM3-) 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.	5	8 , 9 , 11 , 12 , 15
Minor — Fixed minor problems with normative parts of the specification.	8	3 , 4 , 7 , 10 , 17 , 20 , 36 , 37
Support Text — Changes to descriptive, explanatory, or supporting material.	2	13 , 18

Disposition: Resolved

OMG Issue: UMLNIEM3-3

Title:

NIEM-UML Issue - Reference Element

Summary:

There are cases in which the current transformation does not coerce the name of a reference element to have the required name suffix.

For more information, see attachment.

Resolution Summary:

Fixed as part of NIEM-3, not applicable.

The transforms were modified in NIEM 3, issue not applicable.

Revised Text:

N/A

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #5](#)

Legacy Issue Number:

[19149](#)

Reporter:

Tom Digre, Visumpoint (tom.digre@yahoo.com)

Reported:

Sun, 22 Dec 2013 05:00 GMT on [NIEM-UML 1.0b2](#)

Updated:

Thu, 19 May 2016 00:02 GMT

Discussion:

[UMLNIEM3-3 - http://issues.omg.org/browse/UMLNIEM3-3](http://issues.omg.org/browse/UMLNIEM3-3)

OMG Issue: UMLNIEM3-4

Title:

MPD Specification v1.1 - UML Profile for NIEM Beta Specification Alignment

Summary:

Modified

MPD Specification v1.0 has been updated to MPD Specification v1.1.

Modified

URI locations for the MPD Specification and resource files have been updated. See Updated URIs section below.

Removed

IEM concept has been removed from v1.1 of the MPD Specification. It has been replaced with an updated definition for MPD.

Added

Base Schema Set concept has been added. See MPD v1.1 Section 3.5 (page 22) for more information.

Modified

Nature & Purpose Lexicon has been updated with a restructured lexicon. See MPD v1.1 Section 4.2.4 (page 33) and Appendix G (page G-1) for more information

Modified

wantlist cardinality for an MPD has been changed to 0, U.

Modified

Changed catalog to mpd-catalog.

Modified

Rule numbering has been modified in the MPD Specification v1.1. Needs to be reconciled with NIEM-UML. See required changes tab.

UPDATED URIs

Updated Specification URI

<http://reference.niem.gov/niem/specification/model-package-description/1.1/>

Updated Lexicon URI:

<http://reference.niem.gov/niem/resource/mpd/lexicon/1.1/>

Resolution Summary:

Not applicable to NIEM-3

Fixed as part of NIEM-3

Revised Text:

N/A

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #5](#)

Legacy Issue Number:

[18250](#)

Reporter:

Justin Stekervetz, Department of Homeland Security (Justin.Stekervetz@hq.dhs.gov)

Reported:

Tue, 6 Nov 2012 05:00 GMT on [NIEM-UML 1.0b2](#)

Updated:

Thu, 19 May 2016 00:02 GMT

Discussion:

[UMLNIEM3-4](#) - <http://issues.omg.org/browse/UMLNIEM3-4>

OMG Issue: UMLNIEM3-7

Title:

Describe the embedded links in the introduction

Summary:

The specification has embedded links to internal spec sections as well as to the wider NIEM specification on the government website. I don't think this was mentioned in the introduction at all. They are useful and should be highlighted as such. My only concern is whether they will be lost when the spec is transferred to the somewhat archaic editing tool used by the OMG.

Resolution Summary:

Mention hyperlinks in introductory material

Insert some words in clause 6.3.3.1 describing the hyperlinks to NIEM-NDR and NIEM-MPD.

Revised Text:

Insert the following sentences at the end of the second paragraph of clause 6.3.3.1 (which currently ends "without alteration").

"This specification contains numerous hyperlinks to URLs within the [NIEM-NDR] and [NIEM-MPD] normative specifications. These links provide additional detail and clarity to this specification."

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:17 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-7](#) - <http://issues.omg.org/browse/UMLNIEM3-7>

OMG Issue: UMLNIEM3-8

Title:

Possibly incorrect statement about conversion transformations

Summary:

In Section 0.3.2 Non-mandatory features you state "Transforming a model from NIEM 2.1 to 3.0 is not included in this specification". However in section 1.4 you state "In addition to the above, NIEM-UML-3 includes transformations to assist in the process of converting from NIEM-2 to NIEM-3." Please explain the contradiction.

Resolution Summary:

Delete incorrect sentence

The quoted sentence is untrue. Delete it.

Revised Text:

Delete the final sentence of clause 1.4, that starts "In addition to the above..."

Extent Of Change:

Significant

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:19 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-8](#) - <http://issues.omg.org/browse/UMLNIEM3-8>

OMG Issue: UMLNIEM3-9

Title:

Clarify ability to apply other profiles

Summary:

Section 2.4 states "The imported UML Packages with only the NIEM PSM Profile applied is a conforming NIEM PSM as defined in Subclause 2.3.". Will this conflict with integration to UPDM as additional profiles may be required?

Resolution Summary:

Clarification of PSM profile application

In 2.4, explain that the scope of the statement "only the PSM profile applied" does not apply to unrelated profiles; it only excludes the application of the PIM profile.

Revised Text:

In clause 2.4, replace the bullet point "The imported UML Packages with *only* the NIEM PSM Profile applied is a conforming NIEM PSM as defined in Subclause 2.3." by "The imported UML Packages with the NIEM PSM Profile applied and the NIEM PIM Profile not applied is a conforming NIEM PSM as defined in Subclause 2.3."

Extent Of Change:

Significant

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:22 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-9](#) - <http://issues.omg.org/browse/UMLNIEM3-9>

OMG Issue: UMLNIEM3-10

Title: Trademark

Summary:

Page 23: Model Driven Architecture (MDA) should have a ® by it. Not sure if just once or throughout.

Resolution Summary:

Correct the trademark omissions

Include the ® trademark symbol for every occurrence of Model Driven Architecture and MDA

Revised Text:

In clause 1.2 insert ® after MDA
In clause 1.2 insert ® after Model Driven Architecture (MDA)
In clause 4.1 insert ® after Model Driven Architecture (MDA)
In clause 4.2 insert ® after Model Driven Architecture
In clause 6.3.2 insert ® after MDA
In heading 6.3.3 insert ® after Model Driven Architecture (MDA)
In clause 6.3.3.1 insert ® after MDA
In clause 6.3.3.2 insert ® after MDA
In clause 6.3.3.2 insert ® after Model Driven Architecture (MDA)
In clause 6.3.3.4 insert ® after MDA
In clause 6.3.3.4 insert ® after Model Driven Architecture (MDA)

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:27 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-10 - http://issues.omg.org/browse/UMLNIEM3-10](http://issues.omg.org/browse/UMLNIEM3-10)

OMG Issue: UMLNIEM3-11

Title:

Define abstract elements

Summary:

Table 7-3 lists several elements whose definition is simply *Abstract*. I would have thought a definition would be required even if it were abstract.

Resolution Summary:

Document abstract elements in table 7-3

For each element in table 7-3 whose **Note** is currently *Abstract*, replace *Abstract* by the specification text that appears in the Description section for the corresponding element in clause 8.5. Keep the name of the element in *italics* but write the **Note** in normal text. Clarify that *italics* denotes abstract.

Revised Text:

At the end of the introductory text in 7.1.4 before table 7-3, after the final sentence ending "xs:attributes", insert the sentence:

"UML Artifacts whose type names are in *italics* are abstract."

In table 7-3, replace all the **Note** fields that currently say *Abstract* as follows:

ArtifactOrArtifactSet "A data concept for a file or file set in an MPD."

DescribedType "Common supertype for NIEM MPD Catalog types which have descriptionText."

EntityRepresentation "A data concept for a person, organization, or thing capable of bearing legal rights and responsibilities."

FileSetType "A data type for a set of MPD file artifacts."

SchemaDocumentSetType "A data type for an MPD artifact set that may include subset schema documents, extension schema documents, and external schema documents or constraint schema documents."

ValidityConstraintType "A data concept for a rule or instructions for validating an IEP candidate."

ValidityConstraintWithContextType "A data concept for a rule or instructions for validating an IEP candidate (XML document) using some context within that XML document."

Extent Of Change:

Significant

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:29 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-11](http://issues.omg.org/browse/UMLNIEM3-11) - <http://issues.omg.org/browse/UMLNIEM3-11>

OMG Issue: UMLNIEM3-12

Title:

Clarify NIEMType

Summary:

"Table 7-5 NIEM Components included in a NIEM Namespace" lists components. On page 53 it states "A class in a PSM with a «NIEMType» stereotype (i.e., one of the stereotypes listed in Table 7-5) applied shall". No reference is made to NIEMType regarding the table and its definitions.

Resolution Summary:

Correct references to and in Table 7.5

Firstly, the quoted text in clause 7.3.1.3 PSM to XML Schema Mapping is incorrect: it should refer to Table 7.7, not 7.5. Secondly, in table 7.5, the reference to Class should refer to clause 7.3, not 7.2.3.

Revised Text:

In table 7.5, replace "Class (see Subclause 7.2.3)" by "Class (see Subclause 7.3)", and correct the hyperlink accordingly.

In clause 7.3.1.3, section PSM to XML Schema Mapping, replace "i.e., one of the stereotypes listed in Table 7-5" by "i.e., one of the stereotypes listed in Table 7-7", and correct the hyperlink accordingly.

Extent Of Change:

Significant

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:31 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-12 - http://issues.omg.org/browse/UMLNIEM3-12](http://issues.omg.org/browse/UMLNIEM3-12)

OMG Issue: UMLNIEM3-13

Title: Clarify Schematron standards

Summary:

Is there a different between "ISO-Schematron" and the "Schematron standard"? 7.7.4.1 Background calls it "ISO-Schematron" in bold and on page 24 it is called the "Schematron standard".

Resolution Summary:

Consistent referencing of Schematron

Refer to ISO Schematron in clause 4.1 (definitions) and Schematron elsewhere.

Revised Text:

In clause 3 add an entry as follows:

[Schematron] ISO Schematron (<http://www.schematron.com>)

In clause 4.1 replace the definition for Schematron by "An ISO standard for making assertions about patterns found in XML documents"

In clause 7.7.4.1 replace "[ISO-Schematron]" by "Schematron".

In clause 7.7.4.2 replace "ISO-Schematron" by "Schematron" (two occurrences).

Extent Of Change:

Support Text

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:32 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-13](http://issues.omg.org/browse/UMLNIEM3-13) - <http://issues.omg.org/browse/UMLNIEM3-13>

OMG Issue: UMLNIEM3-15

Title:

Clause 8 explanation needed

Summary:

The descriptions "Rule is definitional" and "Rule is not reliably computational" occur several times starting on page 153. What exactly do they mean? Also, I assume this is not a description of the element since they are all unique. Therefore is it an editorial comment on the rule itself? Or an explanation as to why there is no OCL? If either one, a general terms and definitions section at the beginning of the chapter would be useful. Also, Constraint is non-computable and The constraint is realized through provisioning. And "Constraint expression as OCL is deferred": until when is it deferred?

For this and other reasons, Chapter 8 really needs an introduction to explain what it is, how it works, conventions followed and so forth. As it stands, it is expert friendly: you understand what it means if you understand what it means.

Resolution Summary:

Clarify clause 8

Introduce an introductory paragraph into clause 8.1 to assist the reader in understanding the remainder of clause 8.

Revised Text:

At the end of clause 8.1 introduce the following three paragraphs:

The NIEM_Common_Profile contains only UML Stereotypes. The NIEM_PIM_Profile and NIEM_PSM_Profile contain UML Stereotypes and Enumerations. The Model_Package_Description_Profile contains UML Stereotypes, Enumerations and Artifacts, as explained in clause 7.1.4. Each element is documented by a Description; a list of the elements that it generalizes or (for Stereotypes) extends; a list of its properties or (for Enumerations) literals; and a list of its constraints.

Each constraint that corresponds to a rule in the [NIEM-NDR] or [NIEM-MPD] specification is documented with links to that rule and its explanation, and those links should be followed for clarification.

Constraints are specified using OCL or English text. Where the English states that the rule is definitional or non-computable it means that the rule cannot be expressed in OCL. Where it states that the rule is satisfied by provisioning it means that the constraint is satisfied by virtue of the transformation process that generates NIEM artifacts from NIEM-UML models. Where it states that the rule is deferred it means that it may be possible to express the constraint in OCL but that work has not been done in this version of the specification.

Extent Of Change:

Significant

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:37 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

UMLNIEM3-15 - <http://issues.omg.org/browse/UMLNIEM3-15>

OMG Issue: UMLNIEM3-17

Title: Conformance statement

Summary:

The conformance statements are understandable and appear to be reasonable. I do not understand the intention of the final statement in section 2:

"At some time in the future tools may be developed that can verify these assertions with some degree of confidence."

It doesn't seem to add any value to the specification.

Resolution Summary:

Delete redundant conformance statement

The statement quoted in the issue adds nothing to the specification and should be deleted.

Revised Text:

Delete the final sentence of clause 2.9 that starts "At some time".

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:41 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-17 - http://issues.omg.org/browse/UMLNIEM3-17](http://issues.omg.org/browse/UMLNIEM3-17)

OMG Issue: UMLNIEM3-18

Title: Spelling errors

Summary:

Table 7.1 title - Summar
7.2.3.2 - dictionary-stype??
7.5.2.2 - PSM section - ". In the later case" should be latter
7.6.2.2 - "the MPD calog"
7.7.4.2 - "NIEM-UMLas Constraints" space between UML and as
9.1.1 - Primitive

Resolution Summary:

Correct spelling errors

Correct spelling errors and other typos

Revised Text:

In 7.2.3.2 change "dictionary-stype" to "dictionary-type".
In 7.5.2.2 change "in the later case" to "in the latter case"
in 7.6.2.2 change "calog" to "catalog"
In 7.7.4.2 insert a space between "NIEM-UML" and "as"
In 9.1.1 change "Primitive" to "Primitive"
In table 7-3, entry for XMLSchemaType, change "that indicating" to "that indicates"

Extent Of Change:

Support Text

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:44 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-18 - http://issues.omg.org/browse/UMLNIEM3-18](http://issues.omg.org/browse/UMLNIEM3-18)

OMG Issue: UMLNIEM3-20

Title:

Annex A clarity about profiles and files

Summary:

There are 5 URLs listed in the normative section of the files in Annex A, but only two XMI files submitted. In gov-15-02-03 and 04 there are 3 namespaces defined. How do we account for NIEM UML_Profile and Model_Package_Description_Profile?

Resolution Summary:

Clarify relationship of profiles to the profile file.

The current text is not entirely clear about the fact that the NIEM-UML-Profile.xmi file contains five profiles.

Revised Text:

In Annex A, replace the sentence "The NIEM UML Profile model contains the overall NIEM UML Profile and the three sub-profiles, as specified in Clause 8" by "The NIEM-UML-Profile.xmi file contains the overall NIEM_UML_Profile, the NIEM-Common_Profile, and the three sub-profiles, as specified in Clause 8.1".

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:46 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-20 - http://issues.omg.org/browse/UMLNIEM3-20](http://issues.omg.org/browse/UMLNIEM3-20)

OMG Issue: UMLNIEM3-36

Title:

Inconsistent statements about aggregation

Summary:

Table 7.1 says “Aggregation may be used in NIEM-UML models but has no impact on the generated schema or conformance” while 7.3.3.2 says about RoleOf properties: “Such a property must have aggregation=none”, 7.5.1.2 says “If an «XSDProperty» property has kind=attribute, then its multiplicity must be 1..1, its aggregation must not be none and its type must be a data type representing a simple type”, 7.5.1.3 says “A property in a PIM shall map to a corresponding property in the PSM with the same multiplicity and aggregation as the PIM property and with an owner and type (if any) that are the corresponding classifiers mapped from the PIM”, and 8.3.5 says “A RoleOf Property must be a reference (i.e., have aggregation=none)” .

Resolution Summary:

Aggregation is no longer required, document text adjusted.

As aggregation is no longer relevant to NIEM-UML the statements may be clarified as follows:

The statement in Table 7.1 is correct.

The statement in 7.3.3.2 is false.

The statement in 7.5.1.2 is logically true with respect to aggregation, but does not impact generation, since it is assumed part of the definition of an «XSDProperty». Multiplicity can be defined to be 0..0, 0..1, 1..1 and will impact generation of attribute definition.

The statement in 7.5.1.3 is true, even though the aggregation does not impact PIM to XSD transformation.

The statement in 8.3.5 is false.

Revised Text:

In 7.3.3.2, under the heading PSM, delete the sentence: “Such a property must have aggregation=none.”

In 7.5.12, under the heading PSM, replace this sentence: “If an «XSDProperty» property has kind=attribute, then its multiplicity must be 1..1, its aggregation must not be none and its type must be a data type representing a simple type.”

Replace it by: “If an «XSDProperty» property has kind=attribute, then its maximum multiplicity must be 1 and its type must be a data type representing a simple type.”

In 8.3.5, under the heading Description, delete the sentence “A RoleOf Property must be a reference (i.e., have aggregation=none).”

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #7](#)

Legacy Issue Number:

[19833](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Wed, 16 Sep 2015 04:00 GMT on [NIEM-UML 3.0b1](#)

Updated:

Sun, 22 May 2016 00:14 GMT

Discussion:

UMLNIEM3-36 - <http://issues.omg.org/browse/UMLNIEM3-36>

OMG Issue: UMLNIEM3-37

Title:

Incomplete and inconsistent diagrams in MagicDraw implementation of reference libraries

Summary:

The MagicDraw reference libraries only have diagrams for niem-core. The machine generated diagrams are unusable. The hand-created diagrams are potentially very useful but are incomplete and use inconsistent schemes for colour and other symbol properties. All of these libraries should have complete and consistent diagrams which should be published as informative documents.

Resolution Summary:

Reference model diagrams to be published by NIEM-PMO

Improved diagrams have been created. These are intended for publication by the NIEM-PMO and need not alter the standard.

Revised Text:

N/A

Extent Of Change:

Minor

Disposition:

Resolved - Approved on [Ballot #5](#)

Legacy Issue Number:

[19834](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Wed, 16 Sep 2015 04:00 GMT on [NIEM-UML 3.0b1](#)

Updated:

Thu, 19 May 2016 00:02 GMT

Discussion:

[UMLNIEM3-37](#) - <http://issues.omg.org/browse/UMLNIEM3-37>

Disposition: Deferred

No issues in this report.

Disposition: Closed; No Change

OMG Issue: UMLNIEM3-1

Title:

NIEM-UML Issue - Association Element

Summary:

Issue:

The current transformation does not coerce an Association element to have the required name suffix.

For more information, see attachment

Resolution Summary:

Not applicable to NIEM-3

Resolved as part of NIEM-3

Disposition:

Closed; No Change - Approved on [Ballot #5](#)

Legacy Issue Number:

[19148](#)

Reporter:

Tom Digre, Visumpoint (tom.digre@yahoo.com)

Reported:

Sun, 22 Dec 2013 05:00 GMT on [NIEM-UML 1.0b2](#)

Updated:

Thu, 19 May 2016 00:02 GMT

Discussion:

[UMLNIEM3-1](#) - <http://issues.omg.org/browse/UMLNIEM3-1>

OMG Issue: UMLNIEM3-2

Title:

NIEM-UML Issue - appinfo:Base for a base component in NIEM Prox

Summary:

Issue:

The current NIEMpsm2xsd.qvto transformation produces an appinfo:Base of structures:Object when the base type is in the NIEM proxy schema. It should be producing an appinfo:Base with a target namespace of "http://niem.gov/niem/proxy/xsd/2.0".

See attachment for more information.

Resolution Summary:

No longer relevant for NIEM-3

Changes in NIEM make this issue irrelevant.

Disposition:

Closed; No Change - Approved on [Ballot #2](#)

Legacy Issue Number:

[19147](#)

Reporter:

Tom Digre, Visumpoint (tom.digre@yahoo.com)

Reported:

Sun, 22 Dec 2013 05:00 GMT on [NIEM-UML 1.0b2](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-2 - http://issues.omg.org/browse/UMLNIEM3-2](http://issues.omg.org/browse/UMLNIEM3-2)

OMG Issue: UMLNIEM3-5

Title:

NIEM-UML Issue - General Information Models

Summary:

Issue: NIEM has very specific namespace types such as subset, reference and constraints. These correspond directly to NIEM-UML information model types. User experience has shown that segmenting a model in this way is complex for users and couples the PIM design with the PSM (XSD) representation. It would be preferable that, in the PIM, there was a higher level representation.

Suggested resolution: Add an information model kind "General" that can subset any other model(s), add properties and include property redefinitions of cardinality and type. To support this kind of model, augment the QVT such that a General information model produces, as required, subset schema, constraint schema and extension schema that capture the semantics of the general model using legal NIEM schema.

Resolution Summary:

No change - high impact

Discussions indicate this proposal has a high impact and should not be done at this time, perhaps in a later RFP.

Disposition:

Closed; No Change - Approved on [Ballot #4](#)

Legacy Issue Number:

[18174](#)

Reporter:

Cory Casanave, Model Driven Solutions (cory-c@modeldriven.com)

Reported:

Wed, 17 Oct 2012 04:00 GMT on [NIEM-UML 1.0b2](#)

Updated:

Thu, 19 May 2016 00:02 GMT

Discussion:

[UMLNIEM3-5 - http://issues.omg.org/browse/UMLNIEM3-5](http://issues.omg.org/browse/UMLNIEM3-5)

OMG Issue: UMLNIEM3-6

Title:

NIEM-UML-Profile.xmi contains a superfluous package called MyPackage

Summary:

NIEM-UML-Profile.xmi (published as gov/2015-02-03) contains a redundant empty package called MyPackage. This ought to be deleted.

Source:

[gov/2015-02-03](#) — Chapter/Section: NIEM-UML-Profile.xmi — Page Number/s: N/A

Resolution Summary:

Removing package would have excessive impact.

While useless, the referenced package has no impact while removing it would cause a cascade change in multiple published documents. It is thought to be not worthwhile to change.

Disposition:

Closed; No Change - Approved on [Ballot #5](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Thu, 6 Aug 2015 19:22 GMT on [NIEM-UML 3.0b1](#)

Updated:

Thu, 19 May 2016 00:02 GMT

Discussion:

[UMLNIEM3-6](#) - <http://issues.omg.org/browse/UMLNIEM3-6>

OMG Issue: UMLNIEM3-14

Title:

Clause 8 figures

Summary:

Figure 8-2: I understand it is easier to have a single diagram followed by an explanation of the contents of that diagram. However, that makes it extremely difficult to review. It would be easier in the future to break the diagram up into smaller parts to make that review simpler. As it stands, there are 40 pages of explanation following the diagram. Same for Figure 8-3.

Section 8.5.1 has 5 diagrams followed by another 30 pages. This also needs to be broken up.

Resolution Summary:

Clause 8 overview figures

The issue asks that the figures in Clause 8 that show the inheritance/extension hierarchies of the stereotypes should be split up. In fact the information in the figures is already repeated in all of the separate stereotype specifications, under the heading Generalization or Extends. Since clause 8 is generated it would be onerous and error-prone to insert small figures into each stereotype specification, and if this were done it would simply duplicate the information already present under Generalization or Extends.

Disposition:

Closed; No Change - Approved on [Ballot #2](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:36 GMT on [NIEM-UML 3.0b1](#)

Updated:

Tue, 16 Feb 2016 05:52 GMT

Discussion:

[UMLNIEM3-14 - http://issues.omg.org/browse/UMLNIEM3-14](http://issues.omg.org/browse/UMLNIEM3-14)

OMG Issue: UMLNIEM3-16

Title:

Clause 9 confusion

Summary:

Figure 9.1: I am not sure what this is meant to show or if it is MOF or UML notation or just a picture of concepts? More explanation would be useful.

Also, figures 9-1, 9-4, 9-5, 9-6, 9-7, 9-8, 9-9, etc. are of poor quality and confusing. These need to be replaced so that they are legible. They should also be rearranged so that they are more legible. The notation is also confusing. And the use of color does not help legibility but detracts.

The names in Figure 9-9 of class, etc. do not help understanding.

Figures 9-10 and 9-11 are too small to be read. They need to be rearranged so that they are longer and can be zoomed. Same for 9-13 and 9-14 and in fact all the diagrams in this section that have the yellow and green boxes as well as the complex inheritance diagrams.

Also, I am not sure what some of them are meant to show. For example, 9-28 has a box called primitive simple types with several notes mapped to it between the various other classes. The notes mention operations but there are no operations listed.

I find the whole section confusing and believe it should be reorganized. Possibly this could be explained during the review.

Resolution Summary:

Finding a better way to provide an overview of QVT mappings is not worth the effort.

Section 9 is essentially an overview of the QVT mappings - to provide a bit of guidance prior to jumping into the normative QVT code. While it is a bit hard to read and grasp, it is helpful and is the same as was done for NIEM-2.

The substantial effort involved in coming up with a new way to express this overview, creating new models and text does not seem justified as there have been zero complaints from the 3 parties that have implemented NIEM mappings.

For these reasons we propose closing the issue with no change.

Disposition:

Closed; No Change - Approved on [Ballot #6](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:39 GMT on [NIEM-UML 3.0b1](#)

Updated:

Fri, 20 May 2016 00:27 GMT

Discussion:

[UMLNIEM3-16 - http://issues.omg.org/browse/UMLNIEM3-16](http://issues.omg.org/browse/UMLNIEM3-16)

OMG Issue: UMLNIEM3-19

Title:

Diagram readability

Summary:

Several diagrams are not really readable (e.g. figure 9.1) at 100% resolution. If everything was as readable as 8.6 as a minimum that would be great. This could be an opportunity to provide an ancillary file that was the model produced as an HTML representation that readers of the spec could refer to separately.

Resolution Summary:

Seems to be a publishing problem

As the source versions of the documents are readable this seems to be a problem with generating PDF. Options for better publishing can be explored but this is then not really an FTF issue. There are also efforts to improve overall model publishing to specifications that can, perhaps, be utilized at a later time.

Disposition:

Closed; No Change - Approved on [Ballot #7](#)

Reporter:

Steve Cook, Model Driven Solutions (steve-c@modeldriven.org)

Reported:

Fri, 7 Aug 2015 08:45 GMT on [NIEM-UML 3.0b1](#)

Updated:

Sun, 22 May 2016 00:14 GMT

Discussion:

[UMLNIEM3-19](#) - <http://issues.omg.org/browse/UMLNIEM3-19>

Disposition: Closed; Out Of Scope

No issues in this report.

Disposition: Duplicate or Merged

No issues in this report.