

QVTOML/HeliosReview

From Eclipsepedia

This page provides the required docuware for the **M2M QVT Operational 3.0.0 Release Review**, as part of the upcoming **Helios Simultaneous Release**.

Contents

- 1 Overview
- 2 Features
- 3 Non-Code Aspects
- 4 Standards
- 5 UI Usability
- 6 Schedule
- 7 Testing & Packaging
- 8 Communities
- 9 Bugzilla
- 10 Committer Changes
- 11 IP Issues
- 12 Project Plan

Overview

QVT Operational is M2M component which provides an implementation of the QVT Operational Mapping language defined by the OMG Query/View/Transformation Specification (QVT) (<http://www.example.com>) .

The component integrates with other technologies from Eclipse Modeling such as EMF, OCL.

Features

- Semantically sensitive editor for QVT Operational language
- QVT Operational project nature, builder
- Support for black-box libraries (Java code accessible from QVT)
- Transformation invocation Java API
- Execution engine & debugger

Non-Code Aspects

Documentation hosted at <http://www.eclipse.org/m2m/qvto/doc/>

Standards

QVT Operational is mostly compliant with [QVT OMG 1.1 standard | <http://www.omg.org/technology/documents>

/modeling_spec_catalog.htm#MOF_QVT].

UI Usability

QVT Operational is conforming to the user interface guidelines.

Schedule

QVT Operational is a “+2” component in the Helios simultaneous release.

```

M1      08/17/2009
M2      09/28/2009
M3      11/09/2009
M4      12/14/2009
M5      02/01/2010
M6      03/15/2010      API freeze
M7      05/03/2010      Feature Freeze
RC1     05/17/2010
RC2     05/24/2010
RC3     05/31/2010
RC4     06/07/2010
RC5     06/14/2010
Helios  06/23/2010

```

Testing & Packaging

- Approx. 1017 tests launched on every continuous build
- Integrated with eclipse.org Hudson new continuous build system (<https://build.eclipse.org/hudson/view/Modeling/job/cbi-m2m-qvtoml-3.0/>)

Communities

- Interaction in Bugzilla
- Activity on the M2M newsgroup: roughly 583 messages from June 2009 to May 2010
- Collaboration with other projects (MDT OCL (<http://wiki.eclipse.org/MDT/OCL>) , GMF (<http://wiki.eclipse.org/GMF>)) at Eclipse

Bugzilla

Bugzilla snapshot for Helios as of 28 May 2010:

		Status				
		NEW	ASSIGNED	RESOLVED	CLOSED	Total
Severity	critical	.	.	<u>1</u>	.	<u>1</u>
	normal	<u>16</u>	<u>6</u>	<u>43</u>	<u>1</u>	<u>66</u>
	enhancement	.	.	<u>3</u>	.	<u>3</u>
	Total	<u>16</u>	<u>6</u>	<u>47</u>	<u>1</u>	<u>70</u>

Committer Changes

No commiter change.

IP Issues

The QVT Operational component leadership verifies that:

- the about files and use licenses are in place as per the Guidelines to Legal Documentation.
- all contributions (code, documentation, images, etc) have been committed by individuals who are either Members of the Foundation, or have signed the appropriate Committer Agreement. In either case, these are individuals who have signed, and are abiding by, the Eclipse IP Policy.
- all significant contributions have been reviewed by the Foundation's legal staff.
- all non-Committer code contributions, including third-party libraries, have been documented in the release and reviewed by the Foundation's legal staff.
- all Contribution Questionnaires have been completed.
- the "provider" field of each plug-in is set to "Eclipse Modeling Project".
- the "copyright" field of each feature is set to the copyright owner (the Eclipse Foundation is rarely the copyright owner).
- any third-party logos or trademarks included in the distribution (icons, help file logos, etc) have been licensed under the EPL.
- any fonts or similar third-party images included in the distribution (e.g. in PDF or EPS files) have been licensed under the EPL.

The QVT Operational Project IP log is located at http://www.eclipse.org/projects/ip_log.php?projectid=modeling.m2m.qvt-oml

Project Plan

The current project plan is available from [http://www.eclipse.org/projects/project-plan.php?planurl=http://www.eclipse.org/modeling/m2m/qvtoml/project-info/plan.xml&component=QVT Operational](http://www.eclipse.org/projects/project-plan.php?planurl=http://www.eclipse.org/modeling/m2m/qvtoml/project-info/plan.xml&component=QVT%20Operational).

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