



EMF Query, Transaction, Validation 1.1 Europa Simultaneous Release

15 June, 2007

Release Review revision 2.3.1 – 17 January, 2007

EMF QTV - Europa Release Talking Points



- Noteworthy New Features:
 - Query and Validation OCL extensions updated for OCL 1.1 generic (metamodel-independent) API
 - Numerous improvements to EMF Validation for live validation
 - Custom events, filtering
 - Programmer's Guide documentation
- Quality of APIs
 - No "provisional" APIs, all non-API code in "internal" packages
- End of Life Issues:
 - None
- IP Issues:
 - None
- Committer Diversity
 - A sole active committer in 1.1 release on all three components



Features & Non-Code Aspects

- Features
 - New & Noteworthy maintained on the EMF wiki
 - http://wiki.eclipse.org/index.php/EMF-QTV_1.1_New_and_Noteworthy
 - Enhancements in Query and Validation extensions for OCL
 - New Validation APIs for custom preference pages, custom live validation triggers, constraint meta-data listeners
 - Management of resources in transactional editing domains
 - Plan Items
 - 8 of 8 plan (keyword) items resolved, as of 15 May 2007
 - 75 issues resolved since 1.0 release
- Non-Code Aspects
 - Validation example updated for 1.1 to cover new OCL features and capabilities (e.g., custom constraint providers) not covered in 1.0 tutorial
 - Complete Programmer's Guide documentation covering all major aspects of the APIs



APIs

- No “provisional” APIs; all non-API code in “internal” packages
- Deprecated API
 - Deprecation of APIs in `org.eclipse.emf.query.ocl` and `org.eclipse.emf.validation.ocl` plug-ins that use the OCL 1.0 API, which is deprecated
 - Continues to be fully supported
- No ‘discouraged access’ warnings (internal usage)
- 470 JUnit tests
- Complete Javadocs supported by Programmer’s Guide, tutorial, and examples



Architectural Issues, Usability, End-of-Life

- Architectural Issues
 - Migrated to Eclipse Modeling Project
 - Utilizing EMF (core), OCL
 - Clients
 - GMF
 - None of Query, Transaction, Validation components supports stand-alone deployment (unlike core EMF)
 - No firm plans to address
 - Submission of a [patch](#) from the community for stand-alone Validation Framework to be examined in 1.2 release
- Usability
 - Major usability issue was lack of documentation; closed
- End-of-Life Issues
 - Continuing viability of deprecated API guaranteed

Bugzilla



- As of 15 May 2007 (since the end of the 1.0 release with Callisto):

		Status			
		NEW	RESOLVED	CLOSED	Total
Severity	blocker	.	<u>4</u>	.	<u>4</u>
	critical	.	<u>3</u>	.	<u>3</u>
	major	.	<u>17</u>	<u>1</u>	<u>18</u>
	normal	<u>7</u>	<u>28</u>	.	<u>35</u>
	minor	.	<u>1</u>	.	<u>1</u>
	trivial	.	<u>1</u>	.	<u>1</u>
	enhancement	<u>8</u>	<u>20</u>	.	<u>28</u>
	Total	<u>15</u>	<u>74</u>	<u>1</u>	<u>90</u>



Standards and UI Usability

- Standards
 - OMG™ Object Constraint Language (OCL) 2.0 used/supported
- UI Usability
 - Internationalization
 - EMF-QTV uses Eclipse Platform standard i18n support
 - ICU4J is used
 - Localization
 - Tested for localization (awaiting readiness of “Eclipse Globalization Project”)
 - Accessibility
 - Nothing beyond standard Eclipse capabilities



Schedule

- 1.1 Release Plan
 - ✓ 1.1 M4: 22 December, 2006
 - ✓ 1.1 M5: 16 February, 2007
 - ✓ 1.1 M6: 30 March, 2007
 - ✓ 1.1 M7/RC0: 11 May, 2007
 - 1.1 RC1: 23 May, 2007
 - 1.1 RC2: 30 May, 2007
 - 1.1 RC3: 13 June, 2007
 - 1.1 RC4: 20 June, 2007
 - 1.1: 29 June, 2007
- 1.0 Maintenance Stream
 - ✓ 1.0.1: 29 September, 2006
 - ✓ 1.0.2 (T): 30 October, 2007
 - ✓ 1.0.2 (Q, V): 12 February, 2007
 - ✓ 1.0.3 (T): 12 February, 2007



Communities

- Active newsgroup (eclipse.tools.emf)
 - Moved from eclipse.technology.emft
- Conference Participation
 - Long Tutorial at EclipseCon 2007



IP Issues

- About files and license files are complete and correct
- All significant and third-party contributions have been reviewed by Eclipse Legal (none, at present)
- Project log complete and has been reviewed by Eclipse Legal
 - The URL is <http://www.eclipse.org/modeling/emf/eclipse-project-ip-log.csv>
- Contributor contact list maintained by Project Lead and sent to EMO