EMF Query, Transaction, Validation 1.2.0 Ganymede Simultaneous Release Review

4 June, 2008

Agenda

- **Talking Points**
- Features
- Non-Code Aspects
- APIs
- Architectural Issues
- Tool Usability
- End-of-Life
- Bugzilla
- Standards
- UI Usability
- Schedule
- Communities
- IP Issues
- Project Plan

Talking Points

- Query, Transaction, Validation 1.2.0 Themes (from EMF)
    - Built to Last
    - Release Currency
- The component lead certifies that the requirements for Eclipse Quality APIs have been met for this release
- End-of-life issues
    - No significant deprecations, deletions, or other end-of-life changes.
- All significant contributions, non-Committer code contributions, and third-party libraries have received IP clearance
- 1 committer from two companies (IBM, Zeligsoft) in one country (Canada)
- 6 contributors from four organizations (SAP, PrismTech, IBM, student, independent)

Features

- 1.2.0 development plan available at http://www.eclipse.org/modeling/emf/docs/mq-mt-vf/dev-plans/qtv_project_plan_1_2.html

- 5 committed, 0 deferred

- New & Noteworthy documentation at http://wiki.eclipse.org/EMF-QTV_1.2_NandN

- Release notes available at
  http://www.eclipse.org/modeling/emf/news/relnotes.php?project=query&version=1.2.x

  http://www.eclipse.org/modeling/emf/news/relnotes.php?project=transaction&version=1.2.x
  http://www.eclipse.org/modeling/emf/news/relnotes.php?project=validation&version=1.2.x

Features – Details

- Built to Last
  - **Undo/Redo Improvements.** Enhancements to transaction undo/redo in support of model refactoring operations.
  - **Transaction Validate-Edit.** Integrated validate-edit for modeling applications in an IDE.
- Release Currency
  - **Query J2SE 5.0.** Adopt J2SE 5.0 language and APIs to align with EMF Core.
  - **Transaction J2SE 5.0.** Adopt J2SE 5.0 language and APIs to align with EMF Core.
  - **Validation J2SE 5.0.** Adopt J2SE 5.0 language and APIs to align with EMF Core.

Non-Code Aspects

- Documentation hosted at EMF Web site, Wiki

- Documentation (FAQ, Javadoc™, articles, etc.) available; updated for the 1.2.0 release as appropriate

- Example features/plug-ins available; minor enhancements

APIs

- The component lead certifies that the requirements for Eclipse Quality APIs have been met for this release

- Non-API in "internal" namespace

Architectural Issues

- Validation component's default constraint provider relies on meta-data specified in plugin.xml; overloads the extension registry (scalability issue)
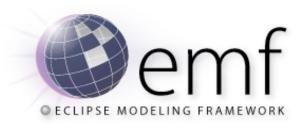
Ganymede Simultaneous Release Review | © 2008 by Zeligsoft, Inc. Made available under the EPL v1.0

Tool Usability

- Update to J2SE 5.0 compliance offers improved type safety in the APIs

End-of-Life

- No end-of-life concerns

Bugzilla (as of May 12, 2007)

- Bugs raised during and/or resolved in the Ganymede release

Status

Severity	NEW	RESOLVED	VERIFIED	Total
major	1	2	6	9
normal	1	7	21	29
minor	.	.	7	7
trivial	1	2	1	4
enhancement	5	.	14	19
Total	8	11	49	68

Standards

- Query and Validation components continue to provide support for expressions specified using OCL™ (via the MDT OCL component)
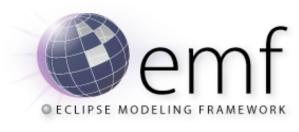
UI Usability

- No significant changes over previous release.

Schedule

- EMF Query, Transaction, and Validation are "+1" components in the simultaneous release

- M3 met on 7 November

- M4 met on 17 December

- M5 slipped from 11 February to 12 February

- M6 slipped from 31 March to 2 April

- M7 slipped from 5 May to 6 May

Communities

- Steady interaction in Bugzilla and on newsgroup

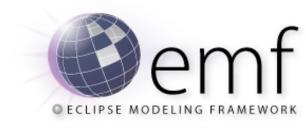- Continued collaboration with GMF project and its clients

IP Issues

The EMF MQ/MT/VF 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.org".
- the "copyright" field of each feature is set to 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 EMF project IP log is located at http://www.eclipse.org/modeling/emf/eclipse-project-ip-log.csv

- Committer Christian W. Damus changed employment (IBM to Zeligsoft, Inc.)

Project Plan

- Draft development plan for EMF Query, Transaction, and Validation 1.3.0 is not yet available

Legal Notices

- OCL is a trademark of the Object Management Group

- Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both

- Other company, product, or service names may be trademarks or service marks of others