GMF 2.1.0.qualifier
Ganymede Simultaneous Release

June 04, 2008

Release Review revision – no longer indicated on website
http://www.eclipse.org/projects/dev_process/development_process.php#6_3_3_Release_Review

GMF – Ganymede Release Talking Points

- Noteworthy New Features:
    - Diagram export and printing improvements
    - Diagram label improvements
    - Group/Ungroup functionality added
    - Diagram arrangement, alignment, and snap-to-grid improvements
    - Palette customizability added (along with new look & feel from GEF)
    - Tooling: improved form model for properties, etc. – used in graphical definition editor
    - Improved WYSIWYG figure editor
- Quality of APIs
    - Overall: no "provisional" APIs, all non-API code in "internal" packages
    - Experimental features in separate download
- End of Life Issues:
    - None
- IP Issues:
    - None
- Committer Diversity
    - Committers from Borland and IBM

Features & Non-Code Aspects

- Features
  - New & Noteworthy maintained on the GMF wiki
    - http://wiki.eclipse.org/GMF_New_and_Noteworthy
  - Plan Items
    - 6 of 25 plan (keyword) items RESOLVED (as of May 14th)
    - 294 issues resolved/closed/verified since 2.0.0 release
- Non-Code Aspects
  - Tutorial, Ecore, and Taipan examples updated for 2.1.0
  - Documentation not much improved during 2.1.0
    - Mindmap tutorial added to docs

APIs

- No "provisional" APIs
- All non-API code in "internal" packages
- Runtime
  - Version increment from 1.0.0 to 1.1.0
- Tooling
  - Version increment from 2.0.0 to 2.1.0
    - model migration utilities provided
    - experimental features in separate "experimental-sdk" download
- No 'discouraged access' warnings (internal usage) in runtime
  - Generated ecore and graphdef editors have a few (bugs open)
- Full javadoc and exsd with guides/tutorials in Help

Architectural Issues, Usability, End-of-Life

- **Architectural Issues**
    - Migration to M2T Xpand pending incorporation of GMF Xpand enhancements

- **Usability**
    - Keyboard binding improvements for moving elements
    - Still plenty of room for usability improvements

- **End-of-Life Issues**
    - None

Bugzilla

- As of 05/14/08 (since the end of the 2.0.0 release with Europa):

		NEW	ASSIGNED	REOPENED	RESOLVED	VERIFIED	CLOSED	Total
Severity	blocker	2	.	.	2	.	.	4
	critical	4	.	1	4	.	.	9
	major	16	.	1	23	.	1	41
	normal	168	12	2	203	1	3	389
	minor	10	.	.	17	.	.	27
	trivial	5	1	.	1	.	.	7
	enhancement	75	6	2	38	.	1	122
	Total	280	19	6	288	1	5	599

Status

Standards and UI Usability

- Standards
    - OMG™ Object-Constraint Language (OCL) used/supported
    - Future support may include OMG™ Diagram Interchange and QVT usage
    - GMF mapping model inspired OMG's *Diagram Definition* RFP
- UI Usability
    - Internationalization
        - GMF uses Eclipse i18n support
        - ICU4J is used
    - Localization
        - GMF added to Babel
    - Accessibility
        - Nothing beyond standard Eclipse and GEF features

Schedule

- **2.1 Release Plan**
  - ✓ Wednesday October 03, 2007 - Milestone 2 (2.1 M2)
  - ✓ Wednesday November 14, 2007 - Milestone 3 (2.1 M3)
  - ✓ Monday January 07, 2008 - Milestone 4 (2.1 M4)
  - ✓ Monday February 18, 2008 - Milestone 5 (2.1 M5)
  - ✓ Monday April 07, 2008 - Milestone 6 (2.1 M6) – API Freeze
  - ✓ Tuesday May 06, 2008 - Milestone 7 (2.1 M7)
  - ▪ Tuesday May 20, 2008 - Release Candidate 1 - (2.1 RC1)
  - ▪ Tuesday May 27, 2008 - Release Candidate 2 - (2.1 RC2)
  - ▪ Tuesday June 03, 2008 - Release Candidate 3 - (2.1 RC3)
  - ▪ Tuesday June 10, 2008 - Release Candidate 4 - (2.1 RC4)
  - ▪ Wednesday June 25, 2008 - Release - (2.1.0.qualifier)
- **2.0 Maintenance Stream**
  - ✓ Friday, September 28, 2007 - GMF 2.0.1 maintenance release
  - ✓ Friday, February 29, 2008 - GMF 2.0.2 maintenance release

Communities

- Active newsgroup (eclipse.modeling.gmf)
- Scheduled bi-weekly developer calls
- Conference Participation
    - 2 talks on GMF at EclipseWorld 2007
    - Talks at ESE 2007
    - Long talks and tutorials at EclipseCon 2008
- Modeling Blog
- Participated in webinars organized by Foundation

IP Issues

- About files and license files are complete and correct
- All significant and third-party contributions have been reviewed by Eclipse Legal
    - Apache Batik 1.6.0 (in Orbit)
    - Apache Xerces 2.8.0 (in Orbit)
    - LPG-V1.1 Java runtime from http://sourceforge.net/projects/lpg, EPL v1.0 (required for GMF Xpand variant)
- Pending CQ for use of ant-contrib in build process
- Project log generated and is being reviewed by Eclipse Legal
    - The URL is http://www.eclipse.org/gmf/development/ipquery.php
- Contributor contact list maintained by Project Lead and was sent to EMO