



Unified Modeling Language (MDT UML2) 3.0 Galileo Simultaneous Release Review

4 June, 2009

http://www.eclipse.org/projects/dev_process/development_process.php#6_3_3_Release_Review



Agenda

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



Talking Points

- UML2 3.0 Themes
 - Eclipse 3.5 / EMF 2.5 Compatibility
 - UML 2.2 Compliance
 - Community Support

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

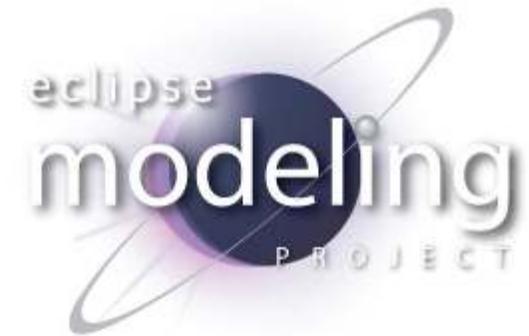
- All significant contributions, non-Committer code contributions, and third-party libraries have received IP clearance

- 2 committers from two companies (Embarcadero Technologies, IBM) in one country (Canada)



Features - Details

- 3.0 project plan available at <http://www.eclipse.org/projects/project-plan.php?planurl=http://www.eclipse.org/modeling/mdt/uml2/project-info/plan.xml&component=UML2>
- New & Noteworthy documentation at http://wiki.eclipse.org/MDT/UML2/New_and_Noteworthy/Galileo
- Release notes available at <http://www.eclipse.org/modeling/mdt/news/relnotes.php?project=uml2&version=3.0.x>



Features – UML2 3.0

- 12 committed, 3 deferred
 - Eclipse 3.5 / EMF 2.5 Compatibility. Maintain release currency concurrent with EMF 2.5 (and Eclipse 3.5). Changes have been made to align with EMF features and bug fixes .
 - UML 2.2 Compliance. The UML2 project will maintain release currency with the revised 2.2 specification.
 - Migration between older versions and new version is also provided.
 - Community Support. The UML2 project supports its community by addressing issues relevant to the general community.
 - Further details can be found in the project plan.



Non-Code Aspects

- All components hosted at single [Web site](#), [Wiki](#)
- [Documentation](#) (FAQ, Javadoc, articles, etc.) available; updates complete or underway
- Example features/plugin-ins available



APIs

- The component lead certifies that the requirements for Eclipse Quality APIs have been met for this release
- Non-API in “internal” namespace
- Some ‘discouraged access’ warnings in cases of metamodel extension (plug-in compatibility restricted to minor version)



Architectural Issues

- Introduction of an extension mechanism to allow users to override the way packages are traversed when looking for profile applications relevant to an element in a given package.
- Introduction of extension mechanism for stereotypes allowing users to override the default location of applied stereotypes.



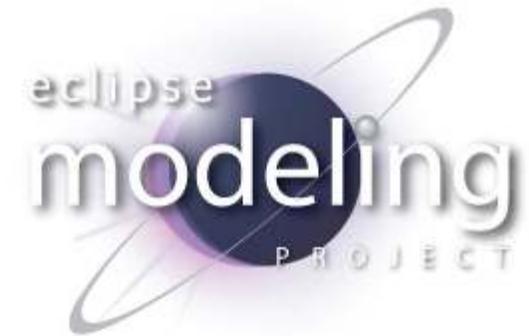
End-of-Life

- Deprecations:
 - The [UML2 3.0 migration guide](#) outlines all the changes that have impacted the API.



Bugzilla – UML2 (as of May 25, 2009)

		Status			Total
		NEW	RESOLVED	CLOSED	
Severity	major	.	1	1	2
	normal	5	2	24	31
	minor	1	.	2	3
	enhancement	.	.	1	1
	Total	6	3	28	37



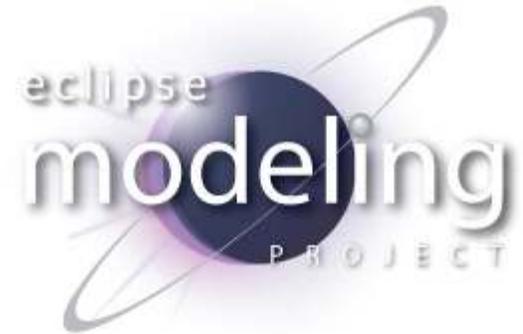
Standards

- Unified Modeling Language (UML) 2.3 specification revision underway; UML2 3.0 compliant with 2.2 formal version; next release (UML2 3.x) will be compliant with UML 2.3.



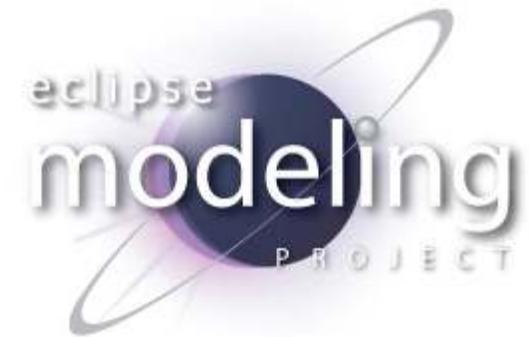
UI Usability

- UML2 3.0 conforms to Eclipse User Interface Guidelines
- Eclipse platform standard i18n support used where applicable/possible; stand-alone deployment uses equivalent J2SE APIs
- ICU4J is used but optional; stand-alone deployments delegate to corresponding J2SE 5.0 APIs when ICU not available
- Language packs will be created as part of an Eclipse Translation Project
- Eclipse platform APIs used to provide accessible UI



Schedule

- MDT UML2 is a “+1” component in the simultaneous release.
- M2 met on September 24
- M3 met on November 05
- M4 met on Dec 17
- M5 met on February 03
- M6 met on March 16
- M7 met on May 04



Communities

- Steady interaction in [bugzilla](#) and on [newsgroups](#)
- Conference Participation
 - EclipseCon 2008



IP Issues

The MDT UML2 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.
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- The MDT project IP log is located at <http://www.eclipse.org/modeling/mdt/eclipse-project-ip-log.csv> . The combined MDT generated log can be found at: http://www.eclipse.org/projects/ip_log.php?projectid=modeling.mdt



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