



MDT UML2Tools 0.8

Ganymede Simultaneous Release Review

June 4, 2008



Agenda

- Talking Points
- Features
- None-Code Aspects
- APIs
- Architectural Issues
- End-of-life
- Bugzilla
- Standards
- UI Usability
- Schedule
- Communities
- IP Issues



Talking Points

- UML2Tools 0.8 Themes
 - ♦ End-to-End MDSD
 - ♦ Improved Usability
- 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.
- 3 committers from one company (Borland) in two countries (Czech Republic, Russia)
- No contributors



Features

- O.8 development plan available at [MDT Project plan page](#)
 - ♦ [New & Noteworthy documentation](#) (in progress)
 - ♦ [Release notes available](#)
- 4 committed, 4 deferred
- End-to-End MDSD
 - ♦ **Composite Structure Diagrams.** Provided a GMF-based editor for UML composite structure diagrams.
 - ♦ **Deployment Diagrams.** Provide a GMF-based editor for UML deployment diagrams.
 - ♦ **Use Case Diagrams.** Provide a GMF-based editor for UML use case diagrams.
 - ♦ **Object Diagrams.** GMF-based Object diagram editor is integrated to Class diagram editor and Composite Structure diagram editor.
- Improved Usability
 - ♦ **Operation Parameters.** Allow editing of the operation parameters in the dialog based mode.
 - ♦ **Property Sheets.** Allow to use TreeEditor in PropertySheets for references



Non-Code Aspects

- Documentation hosted at [MDT Web site](#), [Wiki](#)
 - ♦ [FAQ](#) and [EclipseCon slides](#) available
- [Newsgroup](#)
- Diagram examples available



APIs

- The component lead certifies that the requirements for [Eclipse Quality APIs](#) have been met for this release
- Several 'discouraged access' warnings
 - ♦ Bugzilla #233036 'API: Get rid of 'discouraged access' warnings'



Architectural Issues

- The examples and tests features were renamed to org.eclipse.uml2tools. *-feature ([bugzilla #170680](#))
- UML2Tools is a GMF-generated plug-in
- Very little custom code, most of the UML-specific features are generated by using complimentary xPand templates.



End-of-Life

- No end-of-life concerns



Bugzilla (as of May 21, 2008)

Severity	Status					
	NEW	ASSIGNED	RESOLVED	VERIFIED	CLOSED	Total
blocker	.	.	<u>1</u>	<u>3</u>	.	<u>4</u>
critical	<u>1</u>	.	.	<u>3</u>	.	<u>4</u>
major	.	.	<u>1</u>	<u>2</u>	<u>1</u>	<u>4</u>
normal	<u>51</u>	<u>9</u>	<u>44</u>	<u>107</u>	<u>1</u>	<u>212</u>
minor	<u>2</u>	.	<u>1</u>	.	.	<u>3</u>
enhancement	<u>3</u>	.	<u>3</u>	<u>12</u>	.	<u>18</u>
Total	<u>57</u>	<u>9</u>	<u>50</u>	<u>127</u>	<u>2</u>	<u>245</u>



Standards

- UML2Tools component uses MDT UML2 metamodel, which implements Unified Modeling Language (UML) 2.1.2 revision
- UML2Tools diagram editors are generated by using GMF 2.1, they are re-generated with every GMF milestone
- Java 1.5



UI Usability

- Label parsers were added to elements in accordance with UML 2.1 specification
- Simple label parsers provide code-completion mechanism
- Diagram file extensions were shortened
- TreeViewer dialogs in property sheets
- Extended preferences pages
- Internationalization
 - ♦ UML2Tools uses Eclipse i18n support



Schedule

- Follows the Ganymede release train with +3 milestone offset
- M5 met on 18 February
- M6 slipped from 9 April to 10 April
- M7 slipped from 7 May to 12 May



Communities

- Steady interaction in Bugzilla and on newsgroup
- MDT UML2Tools represented at EclipseCon 2008(short talk, BoF)



IP Issues

- The MDT UML2Tools 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.
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- The MDT Project IP log is located at <http://www.eclipse.org/modeling/mdt/eclipse-project-ip-log.csv>



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