



MDT UML2Tools 0.9

Galileo Simultaneous Release

June 10, 2009



Agenda

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- Features
- None-Code Aspects
- APIs
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MDT UML2Tools – Galileo Release Talking Points

- Noteworthy New Features
 - ◆ Sequence Diagram support
 - ◆ Non-synchronized Structure diagrams
- Quality of APIs
 - ◆ 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.
- Committer Diversity
 - ◆ 3 committers from one company (Borland) in two countries (Czech Republic, Russia)



Features

- 0.9 development plan available at [MDT Project plan page](#)
 - ◆ New & Noteworthy (http://wiki.eclipse.org/MDT/UML2Tools/New_and_Noteworthy/Galileo)
 - ◆ Release notes (<http://www.eclipse.org/modeling/mdt/news/relnotes.php?project=uml2tools&version=HEAD>)
 - ◆ Committed
 - ✓ Sequence Diagram support
 - ✓ Structure diagrams synchronization
 - ✓ Extended profiling support
 - ✓ Diagram relations
 - ✓ Diagram specific property sheets
 - ◆ Deferred
 - Interaction diagrams support
- New Diagrams
 - ◆ Sequence Diagram
 - ◆ Timing Diagram
- Structure diagrams synchronization
- Extended profiling support



Non-Code Aspects

- Documentation
 - ◆ Wiki (<http://wiki.eclipse.org/MDT-UML2Tools>)
 - ◆ FAQs, tutorials, articles (<http://wiki.eclipse.org/MDT-UML2Tools#Documentation>)
- Active newsgroup
 - ◆ `eclipse.modeling.mdt.uml2tools`
- Diagram examples
 - ◆ Example feature/plugin available



APIs

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



Architectural Issues

- UML2Tools is a GMF-generated plug-in
- Very little custom code, most of the UML-specific features are generated using complimentary xPand templates.



End-of-Life

- No end-of-life concerns



Bugzilla

- As of May 28, 2009 (since the end of the 0.8 release with Ganymede)

		Status					
		NEW	ASSIGNED	RESOLVED	VERIFIED	CLOSED	Total
Severity	blocker	.	.	<u>2</u>	.	.	<u>2</u>
	critical	.	.	<u>2</u>	.	.	<u>2</u>
	major	.	.	<u>8</u>	.	.	<u>8</u>
	normal	<u>64</u>	<u>17</u>	<u>237</u>	<u>1</u>	<u>1</u>	<u>320</u>
	minor	.	.	<u>2</u>	.	.	<u>2</u>
	trivial	.	.	<u>1</u>	.	.	<u>1</u>
	enhancement	<u>3</u>	.	<u>2</u>	.	.	<u>5</u>
	Total	<u>67</u>	<u>17</u>	<u>254</u>	<u>1</u>	<u>1</u>	<u>340</u>



Standards

- UML 2.2
 - ◆ UML2Tools component uses MDT UML2 3.0 metamodel, which implements Unified Modeling Language (UML) 2.2 revision
- GMF 2.2.0
 - ◆ UML2Tools diagram editors are generated using GMF 2.2.0, they are re-generated with every GMF milestone
- Java 1.5



UI Usability

- Internationalization
 - ◆ UML2Tools uses Eclipse i18n support
 - ◆ ICU4J is used
- Localization
 - ◆ UML2Tools participates in Babel
- Improved look'n'feel
 - ◆ Appearance of the elements
 - ◆ Selection feedback
 - ◆ Diagram Header



Schedule

- MDT UML2Tools is a “+3” component in the simultaneous release

✓ M2	10/04/2008	✓ RC1	05/21/2009
✓ M3	11/17/2008	✓ RC2	05/28/2009
✓ M4	01/06/2009	▪ RC3	06/03/2009
✓ M5	02/12/2009	▪ RC4	06/10/2009
✓ M6	03/19/2009 API freeze	▪ RC5	06/17/2009
✓ M7	05/08/2009	▪ 0.9.0	06/24/2009



Communities

- Steady interaction in Bugzilla and on the newsgroup
- Collaboration with GMF project



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.
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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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