

***MDT XSD 2.5 Release Review  
Galileo Simultaneous Release***



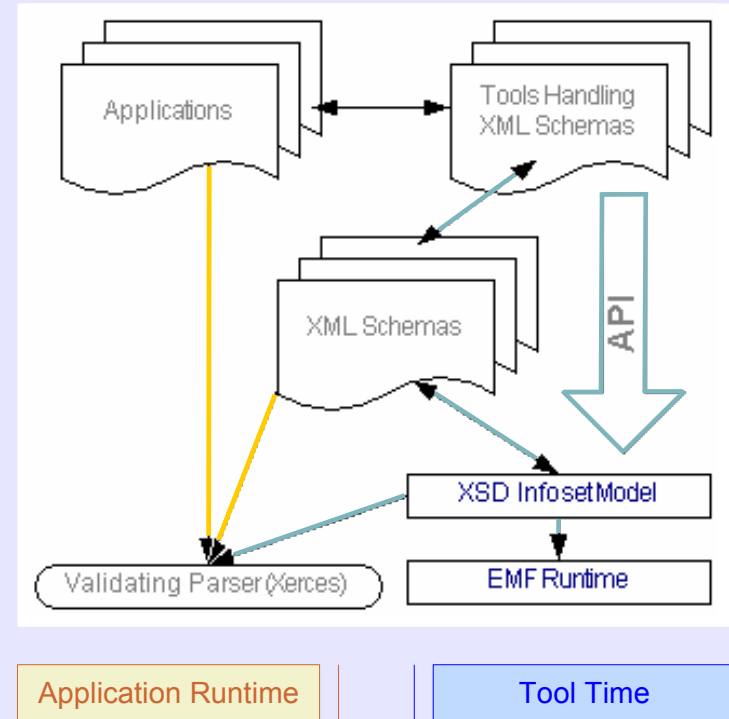
Planned Review Date: June 10, 2009

Communication Channel: [eclipse.technology.xsd](http://eclipse.technology.xsd)

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# XML Schema Dataset (XSD)

- Reference library providing an EMF-based API for use with any code that creates, examines, or modifies W3C XML Schema documents
- Also works with XML Schema embedded in other documents (e.g. XForms or WSDL)
- APIs for manipulating both XML Schema model components and underlying DOM representation
- Includes services for integrity checking and serialization/deserialization of schema documents



# Features

- XSD's model importer for EMF supports a new schema extension (ecore:nsURI)
  - Allows a namespace URI to be specified for a schema without target namespace
- Validation for complex content exposed as API
  - XSDUtil.checkComplexContent()
- Note: Feature work on this component was minimal, though active bug fixing continued in this release

# ***Non-Code Aspects***

- No significant new documentation or examples
- Minor updates to existing documentation
  - Mostly accessibility-related changes

# ***APIs, Architectural Issues, Tool Usability, and End-of-Life***

- APIs
  - The component lead certifies that the requirements for Eclipse Quality APIs have been met for this release
- Architectural Issues
  - No new architectural issues in this release
- Tools Usability
  - No changes to example XSD editor
- End-of-Life
  - No APIs or features are being end-of-life'd

# Bugzilla

- Over Galileo timeframe (as of May 27, 2009)

		Status				
		NEW	RESOLVED	VERIFIED	CLOSED	Total
Severity	critical	.	.	.	1	1
	major	.	1	4	1	6
	normal	1	3	17	1	22
	trivial	.	.	.	1	1
	enhancement	6	1	4	.	11
	Total	7	5	25	4	41

# *Standards*

- No standards-related changes
- XSD continues to implement W3C XML Schema 1.0

# *UI Usability*

- Small usability improvements
  - Galileo capabilities
- Accessibility
  - Reviewed for Section 508 compliance
  - Keyboard navigation added to tables in wizards
- Internationalization
  - All strings externalized using Java message bundles
  - Babel participant
  - Translatability verified with Babel Pseudo-Translation Test



# *Schedule*

- XSD followed the Galileo schedule as a +1 component

- Completed

- M1 2008/08/11 (as planned)
- M2 2008/09/24 (as planned)
- M3 2008/11/03 (two days early)
- M4 2008/12/15 (two days early)
- M5 2009/02/03 (as planned)
- M6 2009/03/16 (as planned)
- M7 2009/05/04 (as planned)
- RC1 2009/05/18 (as planned)
- RC2 2009/05/25 (as planned)

- Planned

- RC3 2009/06/01
- RC4 2009/06/08
- RC5 2009/06/15
- GA 2009/06/24

# *Communities*

- Interaction in XSD's newsgroup and Bugzilla
  - XSD is largely viewed as something that “just works”
- Committers attended and presented at Eclipse Summit Europe 2008 and EclipseCon 2009
- Several committers are active bloggers

# *IP Issues*

- The project leadership verifies that the Eclipse IP policies and procedures have been followed
- A frozen copy of the Project Log is part of the Release Review documentation
  - The “live” version is also available at [eclipse.org/modeling/mdt/eclipse-project-ip-log.php](http://eclipse.org/modeling/mdt/eclipse-project-ip-log.php)
- Would any Member like to assert that this release infringes their IP rights?

# *Project Plan*

- XSD 2.5 development plan available at [eclipse.org/projects/project-plan.php?projectid=modeling.mdt](http://eclipse.org/projects/project-plan.php?projectid=modeling.mdt)
- Draft plan for XSD 2.6 is not yet available