



MDT UML2Tools 0.9

Mini-deck

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What is UML2Tools

- Set of diagram editors for Unified Modeling Language models generated using GMF.
- UML2Tools component aims to provide a complete implementation of OMG standard [UML 2.2.0 specification](#)
- Galileo release supports
 - ◆ Behavior diagrams
 - Activity
 - State Machine
 - ◆ Structure diagrams
 - Class
 - Component
 - Composite Structure
 - Deployment
 - Profile Definition
 - Use Case
 - Object diagram integrated to Class, Component, CompositeStructures diagrams
 - ◆ Interaction diagrams
 - Sequence (new in Galileo)



UML features

- UML 2.2 compliance
- Extended profiling support
 - ◆ Notation support
 - ◆ Tagged value editing
 - ◆ Validation of Stereotype constraints
- User control over diagram contents
 - ◆ Semi-synchronized mode
 - ◆ Show/hide icons/labels
- Tools Interoperability
 - ◆ OMG XMI as a native format



Tooling features

- Improved look'n'feel
 - ◆ More stylish appearance of the elements
 - ◆ Better-looking feedback on element selection
 - ◆ More informative Diagram Header
- Structure diagrams synchronization
 - ◆ Synchronize action
 - ◆ Delete from Diagram action
- Improved property sheets
 - ◆ Custom tabs at Structure diagrams
 - ◆ Custom choosers for reference properties
 - ◆ Allow to edit reference properties using text cell editor
- Improved New Diagram wizards
 - ◆ Creating new diagrams from UML2 editor
 - ◆ Initialize new diagram from arbitrary set of elements
 - ◆ Control over root element and encoding