MetaEdit+

MetaEdit+ Academic Edition for Research and Teaching

MetaEdit+ Academic Edition is a Domain-Specific Modeling environment providing tool support for your modeling languages and automatic code generators.

Today, more than 100 universities and educational institutions worldwide are using MetaEdit+ for teaching and research purposes.

Students and researchers can use MetaEdit+ to define metamodels, study and create modeling languages, or build their own tools for their research projects — without having to write a single line of code.

You can focus on the language design, and MetaEdit+ automatically provides a user interface for your modeling language: editors, browsers, dialogs, etc. The object-oriented metamodeling tools make modeling language development fast, intuitive, and cost-effective. As soon as you define a language — or even a partial prototype — you and your team can start to use it in MetaEdit+.

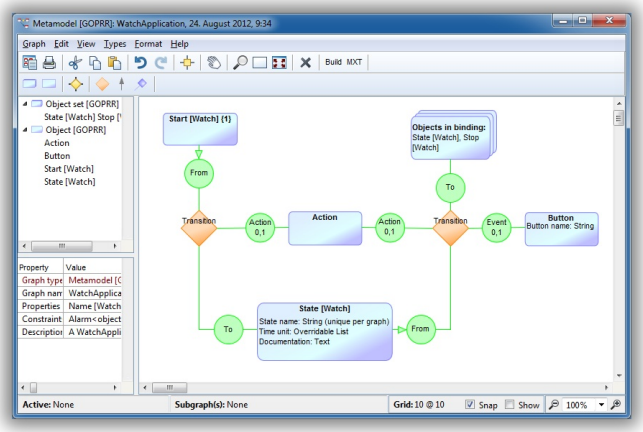
What you get

- MetaEdit+ Workbench: a fully functional and powerful modeling and metamodeling toolset
- Working examples to help understand the fundamentals of domain-specific modeling
- Technology tried and proven over twenty years by hundreds of organizations
- An intuitive, easy to use GUI
- Many predefined modeling languages (OO, BPM, Structured, and Real-Time)

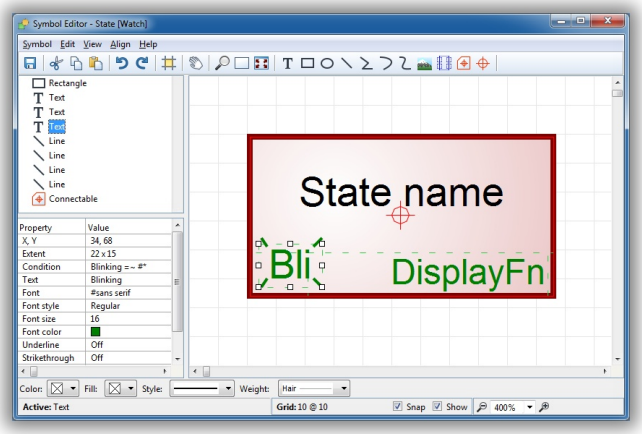
Academic licenses are permanent and can be purchased individually or in bundles for teams, laboratories and class rooms.

Low price volume discounts are available: 40 € per license for a class room bundle (50 seats). Visit www.metacase.com for more details and for purchasing online.

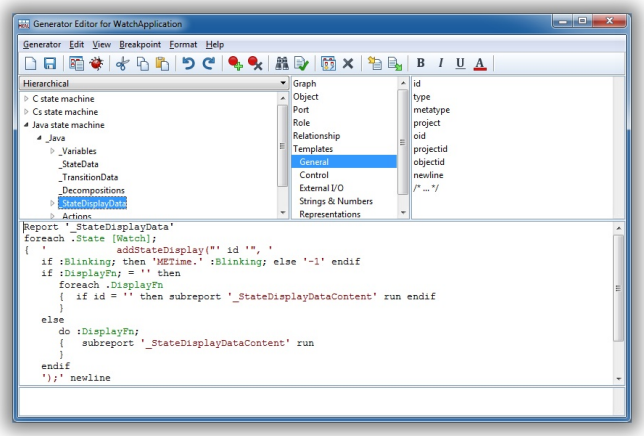
Step 1: Define metamodel



Step 2: Draw notation



Step 3: Make generators



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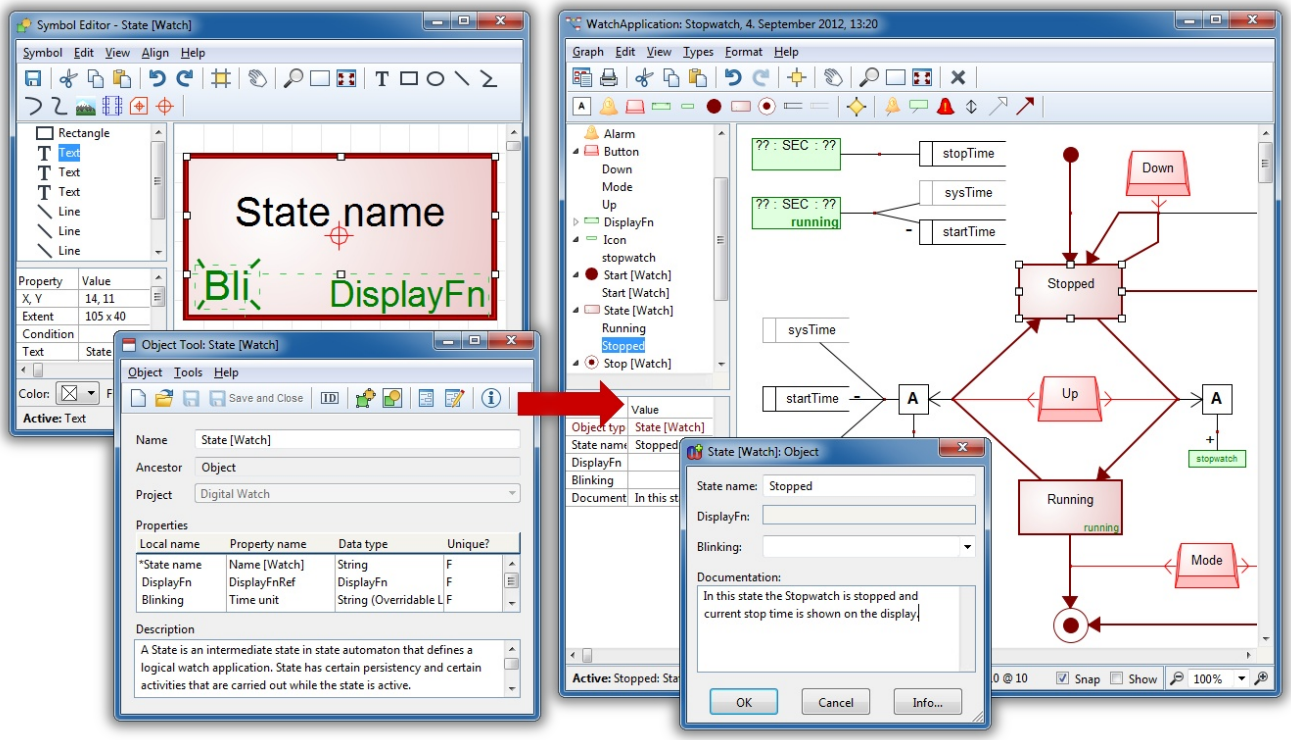
MetaEdit+

Domain-Specific Modeling for Full Code Generation

MetaEdit+ is the tool for implementing and using your own modeling languages and code generators. The technically advanced features allow you to define your modeling tool in a few hours.



This is why MetaEdit+ is your best choice modeling and code generation tool:

- Support for several integrated languages
- Graphical and form-based metamodeling: no programming needed
- Integrated metamodeling and modeling (use your language while you define it)
- Models update automatically yet non-destructively when a metamodel changes
- Multiple concurrent metamodelers
- A repository to handle various metamodels
- WYSIWYG Symbol Editor for defining representations for metamodel elements
- SVG and bitmap importing for symbols
- Code generation using templates, visitor pattern, crawlers and multiple streams
- Generate any language and output format
- Code generator debugger
- Generators and metamodels integrated
- Metamodel import and export in XML
- Large metamodel library available
- Diagram, Matrix and Table Editors
- Multi-user support: share and reuse models and model elements
- Eclipse and Visual Studio integration
- Straight model-to-code transformations: no need for intermediate formats
- “Live code”: click generated code to see original model element
- Code generation from multiple models
- Model animation and simulation support
- Re-generation support with protected blocks
- Model import and export in XML
- HTML and RTF document generators
- Integration with version control systems
- Automated trace of model changes
- SOAP/.NET/Web services API
- Scalable up to 4 billion design objects in one project
- Maintenance, support services & help desk
- Training and consulting services