ModelBus® – Automation, Integration and Collaboration in Development Processes

**AT A GLANCE**

ModelBus® is a framework for managing complex development processes and integrating heterogeneous tools. It allows to integrate tools serving different purposes from different vendors. This integration creates a virtual bus-like tool environment, where data can be seamlessly exchanged between tools, avoiding the manual import and export of tool-specific data, which is usually accompanied by manually executed data alignment steps.

**TOOLS**

- Eclipse: Topcased, Papyrus etc.
- IBM: DOORS, RSA, Rhapsody
- Sparx Enterprise Architect
- Matlab: Simulink, Stateflow
- Microsoft Office
- TRAC

**TECHNOLOGIES**

- Transportation: HTTP, HTTPS, XMPP, CXF, JMS, SOAP
- Core Technologies: Distributed OSGi, SVN, EMF, OSLC
- Orchestration: BPMN, BPEL, ODE

**SERVICES**

- Transformation: ATL, QVT etc.
- Verification: OCL, Metrino etc.
- Testing: FOKUS!MBT etc.
- Code and document generation: MOFscript, M2T etc.
- Traceability: Traceino

**FEATURES**

- Integration of software tools
- Construction of integrated and automated tool chains
- Support of collaboration of developers
- Based on service-oriented architecture

**MODELBUS® PORTFOLIO**

- ModelBus
- Requino
- Metrino
- Traceino

**MODELBUS® PORTFOLIO**

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