



RSMBUS

ASG-Rochade[®] Bus

for Rational[®] Software Modeler

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Data Sheet

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RSMBUS is the Bus Interface for ASG-Rochade[®] and Rational[®] Software Modeler, which enables the upload of UML Models from Rational Software Modeler (RSM), Rational Software Architect (RSA) and Rational Systems Developer (RSD) to the ASG-Rochade repository, and the download of UML Models from the ASG-Rochade repository to RSM, RSA and RSD.

RSMBUS uses the **TOOLBUS[™]** technology, which was developed by Reischmann Informatik GmbH for the exchange of models between the ASG-Rochade[®] repository and data, process and UML modeling tools, and between such modeling tools themselves.

System Requirements:

RSMBUS requires a ROCHADE Client 6.2 (or higher) for Microsoft Windows 2000/XP/Vista and the corresponding Rochade API.

RSMBUS supports Rational Software Modeler, Rational Software Architect and Rational Systems Developer versions 6 and 7, and it uses the Eclipse Modeling Framework (EMF) to read and create UML models in RSM, RSA and RSD.

Repository Information Model (RIM):

RSMBUS uses the **UML RIM** of ASG-Rochade, which supports the standards of the Unified Modeling Language version 2.0 (UML 2.0). The UML RIM is a standardized information models used for the ASG-Rochade Bus Interfaces for UML tools, which enables the documentation, integration and exchange of UML models from UML tools of different vendors using ASG-Rochade.

The UML RIM Item Types are listed on the next two pages.

UML RIM Item Types:

UML/ACTION
UML/ACTIV-FRAGMENT
UML/ACTIVITY
UML/ACTIVITY-DIAGRAM
UML/ACTIVITY-VIEW
UML/ACTOR
UML/ARTIFACT
UML/ASSOCIATION
UML/ATTRIBUTE
UML/CLASS
UML/CLASS-DEPENDENCY
UML/CLASS-DIAGRAM
UML/COMPONENT
UML/COMPONENT-DEPENDENCY
UML/COMPONENT-DIAGRAM
UML/COMPONENT-PACKAGE
UML/CONNECTION-RELATION
UML/DATASTORE
UML/DATASTORE-VIEW
UML/DECISION
UML/DECISION-VIEW
UML/DEPLOYMENT-DIAGRAM
UML/DEVICE
UML/DIAGRAM-NOTE
UML/DISCRIMINATOR
UML/ENUMERATION-LITERAL
UML/EVENT
UML/LINK
UML/LOGICAL-PACKAGE
UML/LOGICAL-PACKAGE-DEPENDENCY
UML/MESSAGE
UML/MODEL
UML/OBJECT-INSTANCE
UML/OPERATION
UML/PARAMETER
UML/REALIZE-RELATION
UML/SCENARIO-DIAGRAM
UML/SPECIALIZATION
UML/STATE
UML/STATE-MACHINE
UML/STATE-VIEW
UML/STATECHART-DIAGRAM
UML/STATEMENT
UML/SWIMLANE

UML/SWIMLANE-VIEW
UML/SYNCHRONIZATION
UML/SYNCHRONIZATION-VIEW
UML/TRANSITION
UML/TRANSITION-VIEW
UML/TYPE-DEFINITION
UML/USE-CASE
UML/USE-CASE-DIAGRAM