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ROSEBUS

ROCHBUS Interface for the Rochade Repository and Rational Rose

Version 2.10

Data Sheet

(effective July 2003)

ROSEBUS is the **ROCHBUS** Interface for Rational Rose, which enables the import of UML Models from Rational Rose into ASG's Rochade Repository, and the export of UML Models from ASG's Rochade Repository to Rational Rose.

ROSEBUS uses the **ROCHBUS** technology, which was developed by REISCHMANN INFORMATIK GmbH for the exchange of meta data between the Rochade Repository and CASE tools.

System Requirements

ROSEBUS requires a ROCHADE Client 5.2 (or higher) for Microsoft Windows 98/Me or Windows NT/2000/XP, and the Rochade API.

ROSEBUS supports Rational Rose 98, 98i, 2000, 2000e, 2001, 2001A, 2002 and 2003. The Rose Extensibility Interface (REI) is used for reading and writing of Rose objects with VisualBasic.

Repository Information Model:

For ROSEBUS a Repository Information Model (RIM) is provided, which follows the standard of the Unified Modeling Language (UML).

ROSEBUS supports objects from the following UML Diagrams:

- Class Diagram (Classes, Associations, Attributes, Operations, etc.)
- Use-Case Diagram (Actors, Use Cases)
- Component Diagram (Packages, Classes, Components)

Remark: The **UML-RIM** is used for all ROCHBUS interfaces for object oriented tools, which support UML. Currently there are ROCHBUS interfaces available for Borland Together ControlCenter (TOGETHERBUS), PowerDesigner (PWRDESBUS), Rational Rose (ROSEBUS), Select Component Architect / Select Enterprise (SELECTBUS) and System Architect (SABUS), which enable the exchange of UML models between the OO Tools of the different vendors.

UML Item Types

UML/ACTOR
UML/ASSOCIATION
UML/ATTRIBUTE
UML/BASIC-TYPE
UML/CLASS
UML/CLASS-DEPENDENCY
UML/CLASS-DIAGRAM
UML/COMPONENT
UML/COMPONENT-DEPENDENCY
UML/COMPONENT-DIAGRAM
UML/COMPONENT-PACKAGE
UML/ENUMERATION-LITERAL
UML/DISCRIMINATOR
UML/IDENTIFIER
UML/LOGICAL-PACKAGE
UML/LOGICAL-PACKAGE-DEPENDENCY
UML/MODEL
UML/OPERATION
UML/PARAMETER
UML/REALIZE-RELATION
UML/SPECIALIZATION
UML/TYPE-DEFINITION
UML/USE-CASE
UML/USE-CASE-DIAGRAM