



Reischmann Informatik GmbH
Berrschestrasse 2
Munich, D-81245, Germany
Phone +49-89-829260-0
Fax +49-89-829260-25

E-Mail info@reischmann.com

www.reischmann.com

PWRDESBUS **ASG-Rochade® Bus** **for PowerDesigner®**

Version 5.15

Data Sheet

(effective June 2009)

PWRDESBUS is the ASG-Rochade Bus Interface for Sybase PowerDesigner, which enables the upload of PowerDesigner models to the ASG-Rochade repository, and the download from the ASG-Rochade repository to PowerDesigner.

PWRDESBUS also supports PowerAMC.

PWRDESBUS supports PowerDesigner CDM, PDM, OOM, and PowerAMC MCD and MPD models.

PWRDESBUS uses the **TOOLBUS** technology, which was developed by Reischmann Informatik for the exchange of meta data between the ASG-Rochade Repository and modeling tools, and between modeling tools themselves.

System Requirements:

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

PWRDESBUS supports Sybase PowerDesigner and PowerAMC versions 9, 10, 11, 12 and 15.

Repository Information Models:

PWERDESBUS supports these Repository Information Models of ASG-Rochade:

- **CDM RIM** for Conceptual Data Models (Powerdesigner **CDM** / PowerAMC **MCD**)
- **RDM RIM** for Physical Data Models (Powerdesigner **PDM** / PowerAMC **MPD**)
- **UML RIM** for Object-Oriented Models (PowerDesigner **OOM**)

Remarks:

- PWRDESBUS also enables integration and exchange of Conceptual and Physical Data Models from PowerDesigner/PowerAMC with Data Models which were described in data modeling tools of other vendors. This is accomplished by the **CDM RIM** and the **RDM RIM** of ASG-Rochade. Conceptual and Physical Data Models which were described in PowerDesigner can be migrated to other data modeling tools via the ASG-Rochade Repository, and vice versa, thus ASG-Rochade being central database ("Meta Data Warehouse") which gathers all the Data Models of the enterprise.
- The **UML RIM** is used for all ASG-Rochade interfaces for UML tools. Currently there are Bus interfaces available for Borland Together ControlCenter (TOGETHERBUS), IBM Rational Rose (ROSEBUS), IBM Rational XDE, IBM Rational Software Modeler (RSM) / Software Architect (RSA) / System Developer (RSD), Select Component Architect (SELECTBUS) and IBM Telelogic System Architect (SABUS), which enable the exchange of UML models between the UML Tools of the different vendors.

PWRDESBUS Repository Information Models (RIMs) - Item Types

For the migration of PowerDesigner models to ASG-Rochade, the CDM RIM, RDM RIM, UML RIM, and the PWRDESBUS RIM are available:

CDM RIM:

- CDM/ATTRIBUTE
- CDM/ATTRIBUTE-VALUE
- CDM/DATA-TYPE
- CDM/DATATYPE-VALUE
- CDM/DIMENSION
- CDM/ENTITY
- CDM/IDENTIFIER
- CDM/MODEL
- CDM/RELATIONSHIP
- CDM/SUBJECT-AREA
- CDM/SUBTYPE-SET
- CDM/VALID-VALUE
- CDM/VALIDATION-RULE

RDM-RIM:

- RDM/CHECK_CONSTRAINT
- RDM/COLUMN
- RDM/DB2-DATABASE
- RDM/DB2-STORAGEGROUP
- RDM/DB2-TABLESPACE
- RDM/DB2-TABLESPACE_PARTITION
- RDM/DIAGRAM
- RDM/DISTINCT_TYPE
- RDM/DM-COLUMN
- RDM/DM-SOURCE
- RDM/DM-TABLE
- RDM/FOREIGN_KEY_COLUMN
- RDM/INDEX
- RDM/INDEX_PARTITION
- RDM/MODEL
- RDM/ORACLE-CONSTRAINT_STATE
- RDM/ORACLE-DATABASE
- RDM/ORACLE-DATABASE_LINK
- RDM/ORACLE-LOGFILE_GROUP
- RDM/ORACLE-PHYSICAL_FILE
- RDM/ORACLE-TABLESPACE
- RDM/REFERENTIAL_CONSTRAINT
- RDM/SEQUENCE
- RDM/SQLSERVER-FILEGROUP
- RDM/SYBASE-SEGMENT
- RDM/SYNONYM
- RDM/TABLE
- RDM/TERADATA-DATABASE

RDM/TRIGGER
RDM/UDB-BUFFERPOOL
RDM/UDB-NODEGROUP
RDM/UDB-TABLESPACE
RDM/VIEW

UML RIM:

UML/ASSOCIATION
UML/ATTRIBUTE
UML/CLASS
UML/CLASS-DEPENDENCY
UML/CLASS-DIAGRAM
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

PWRDESBUS-RIM:

PWRDES/ABSTRACT-DATATYPE
PWRDES/ALTERNATE-KEY
PWRDES/ASSOCIATION
PWRDES/ASSOCIATION-ATTR
PWRDES/ATTRIBUTE
PWRDES/BUSINESS-RULE
PWRDES/CDM-MODEL
PWRDES/CDM-SUBMODEL
PWRDES/COLUMN
PWRDES/COLUMN-SOURCE
PWRDES/COLUMNS-PAIR
PWRDES/DATA-FLOW
PWRDES/DATA-ITEM
PWRDES/DIMENSION
PWRDES/DIMENSION-HIERARCHY
PWRDES/DOMAIN
PWRDES/ENTITY
PWRDES/ENTITY-ATTRIBUTE
PWRDES/ENTITY-EXTENSION
PWRDES/EXTERNAL-COLUMN
PWRDES/EXTERNAL-DATABASE
PWRDES/EXTERNAL-TABLE
PWRDES/FACT
PWRDES/FACT-HIERARCHY
PWRDES/IDENTIFIER

PWRDES/INDEX
PWRDES/INHERITANCE
PWRDES/JOIN-RELATIONSHIP
PWRDES/JOINED-INDEXSET
PWRDES/LOGICAL-COLUMN
PWRDES/LOGICAL-COLUMN-PAIR
PWRDES/LOGICAL-TABLE
PWRDES/METRIC
PWRDES/MIGRATION
PWRDES/OBJECT-ID
PWRDES/PAM-MODEL
PWRDES/PAM-SUBMODEL
PWRDES/PDM-MODEL
PWRDES/PDM-SUBMODEL
PWRDES/PHYSICAL-DOMAIN
PWRDES/PROCEDURE
PWRDES/PROCESS
PWRDES/REFERENCE
PWRDES/RELATIONSHIP
PWRDES/SEQUENCE
PWRDES/SPLIT-MERGE
PWRDES/STORAGE
PWRDES/TABLE
PWRDES/TABLE-SOURCE
PWRDES/TABLESPACE
PWRDES/TRIGGER
PWRDES/VIEW
PWRDES/VIEW-COLUMN