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ORACDBUS

ASG-Rochade Bus Interface for Oracle Designer

Version 7.10

Data Sheet

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ORACDBUS is the ASG-Rochade Bus Interface for Oracle Designer, which enables the upload and download of models between Oracle Designer and ASG-Rochade.

ORACDBUS uses the **TOOLBUS** technology, which was developed by Reischmann Informatik GmbH for the exchange of meta data between Repositories and modeling tools, and between modeling tools themselves.

System Requirements

ORACDBUS requires a Rochade Client 5.2 (or higher) for Microsoft Windows 2000/XP/Vista, and the Rochade API. The interface supports Oracle Designer 2.1, 2.1.2, 6.0, 6i, 9i and 10g.

ORACDBUS uses the Oracle Designer Views to read object information from the Designer Repository, and the API functions of Oracle Designer to insert and update objects in Oracle Designer.

Repository Information Model:

The Repository Information Model (RIM) of ORACDBUS covers these Oracle Designer Models:

- Business Planning Model,
- Business Requirement Model (including Entity-Relationship Model)
- Server Model

The RIM for Oracle Designer consists of the CDM-RIM, which stores the Entity-Relationship Model, and of the DESIGNER-RIM, which stores the Business Planning Model, the Business Requirement Model and the Server Model.

Remark: ORACDBUS also enables integration and exchange of Oracle Designer Data Models with Data Models which were described in CASE tools of other vendors. This is accomplished by the **CDM-RIM** of Rochade (Repository Information Model for Conceptual Data Models), which is used for the mapping of Entity-Relationship models from Designer. Logical Data Models which were described in Oracle Designer can be transferred to other CASE tools via the Rochade Repository, and vice versa. Rochade is the central database ("Meta Data Warehouse") which gathers all the Data Models of the enterprise.

ORACDBUS Item Types

The Repository Information Model (RIM) for Oracle Designer consists of the CDM-RIM, which stores the Entity-Relationship Model, and of the DESIGNER-RIM, which stores the Business Planning Model, the Business Requirement Model and the Server Model. The item types of the DESIGNER-RIM (Tables, Columns, etc.) are linked to the item types of the CDM-RIM (Entities, Attributes, etc.).

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

DESIGNER-RIM:

DES/APPLICATION-SYSTEM
DES/ASSUMPTION
DES/BUSINESS-UNIT
DES/BUSINESS-UNIT-TO-OBJECTIVE
DES/BUSINESS-UNIT-TO-PROBLEM
DES/BUSINESS-UNIT-USE-OF-NODE
DES/CHECK-CONSTRAINT
DES/CLUSTER
DES/CLUSTER-COLUMN
DES/CLUSTER-IMPLEMENTATION
DES/CLUSTER-INDEX
DES/COLUMN
DES/COLUMN-VALUE
DES/CRITICAL-SUCCESS-FACTOR
DES/DATA-ITEM
DES/DATABASE
DES/DATABASE-SYNONYM
DES/DATABASE-TRIGGER
DES/DATABASE-USER
DES/DATAFLOW
DES/DATASTORE
DES/DB-DATAFILE
DES/ENTITY-BUSINESS-UNIT
DES/EVENT
DES/EXTERNAL
DES/FOREIGN-KEY-COLUMN
DES/FOREIGN-KEY-CONSTRAINT
DES/FUNCTION
DES/FUNCTION-ATTRIBUTE-USAGE
DES/FUNCTION-ENTITY-USAGE
DES/KEY-PERFORMANCE-CONTROL
DES/KEY-PERFORMANCE-INDICATOR
DES/LOCATION
DES/LOGFILE
DES/NODE
DES/OBJECTIVE
DES/OBJECTIVE-OF-BUS-FUNCTION
DES/OBJECTIVE-TO-CSF
DES/OBJECTIVE-TO-KPI
DES/PLANNING-ITEM
DES/PLSQL-MOD-IMPLEMENTATION
DES/PLSQL-MODULE
DES/PRIMARY-KEY-CONSTRAINT
DES/PROBLEM

DES/RELATION-DEFINITION
DES/RELATION-INDEX
DES/RELATIONAL-SELECTION
DES/SEQUENCE
DES/SEQUENCE-IMPLEMENTATION
DES/SERVER-MODEL-DIAGRAM
DES/SNAPSHOT-DEFINITION
DES/SNAPSHOT-IMPLEMENTATION
DES/STORAGE-DEFINITION
DES/TABLE-DEFINITION
DES/TABLE-ENTITY
DES/TABLE-IMPLEMENTATION
DES/TABLESPACE
DES/TERM
DES/TSP-DATAFILE
DES/UNIQUE-KEY-CONSTRAINT
DES/USER-DEFINED-SET
DES/VIEW-DEFINITION
DES/VIEW-IMPLEMENTATION