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# **TOOLBUS Interface for Rational Data Architect and Rational XDE Version 1**

## **Data Sheet**

(effective April 2006)

The TOOLBUS Interface for **IBM Rational Data Architect (RDA)** and **IBM Rational XDE** enables the conversion of Logical and Physical Data Models from Rational XDE to RDA:

1. UML Class Diagrams from Rational XDE can be converted to Logical Data Models for RDA (Idm files): UML Classes, Generalizations/Specializations, Associations, Attributes and Global Domains are mapped to Entities, Subtype Relationships, Relationships, Attributes and Domains in Rational Data Architect. The layout of the XDE Class Diagrams is maintained in the Data Model Diagrams of RDA.
2. Data Models from Rational XDE can be converted to Database Models for RDA (dbm files): Databases, Tables, Columns, and other relational database objects are converted to Rational Data Architect. The layout of the XDE Data Model Diagrams is maintained in the Database Schema Diagrams of RDA.
3. Domain Packages from Rational XDE can be converted to Domain Models for RDA (ddm files), which are linked to Logical Data Models and Database Models in RDA.

### **Interface Technology:**

The TOOLBUS Interface uses the API functions of the Rational XDE Extensions (RXE) and additional API functions of the Rational XDE SDK to read XDE models, and the Eclipse Modeling Framework (EMF) to create Idm, dbm and ddm files for RDA.

**Platform:** The TOOLBUS Interface for Rational Data Architect and Rational XDE requires Microsoft Windows 2000 or Microsoft Windows XP, and it supports IBM Rational Data Architect 6.1 and IBM Rational XDE 2003.