



# TOOLBUS Interface for Enterprise Architect and Oracle Designer

## Version 1

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### Data Sheet

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The **TOOLBUS Interface for Enterprise Architect and Oracle Designer** enables the conversion of UML Class Models from Enterprise Architect to Entity Relationship Models for Oracle Designer.

UML Classes, Associations, Attributes and Enumerations from Enterprise Architect are converted to Entities, Relationships, Attributes and Domains for Oracle Designer with their properties and documentation.

Remark: UML Class Diagrams from Enterprise Architect cannot be converted to Entity Relationship Diagrams in Oracle Designer, as Oracle Designer does not provide any functions for the import of diagrams. But diagrams can be created after the model import by including Entities into a newly created diagram. If an Application System in Oracle Designer is updated by a new model from Enterprise Architect the layout of the Entity Relationship Models will be maintained.

### Special Conversions:

- Object names in CamelCase naming convention are translated to underscore-delimited uppercase names for Oracle Designer.
- Identifiers are derived from Constraint entries for Attributes.
- Not Null properties, and Data Type and Length properties or Attributes are derived from Constraint entries for Attributes.
- Support of user defined naming standards and other special conventions can be implemented as a customization service.

### Migration Process:

In order to migrate UML Class Models from Enterprise Architect to Oracle Designer, a selected Package is exported from Enterprise Architect to an intermediate TOOLBUS file, using the API functions of Enterprise Architect. The UML Class Models contained in the TOOLBUS file are converted to Entity Relationship Models, which are loaded into an Application System by the functions provided by the API (Application Programmatic Interface) of Oracle Designer.

The TOOLBUS Interface also supports the update of existing objects in Oracle Designer.

(Remark: The installation of Oracle Designer itself is not required on the Oracle Client PC, on which the TOOLBUS Interface is run.)

Platform: The TOOLBUS Interface for Enterprise Architect and Oracle Designer requires Windows 2000/XP/Vista. It supports Enterprise Architect (from Sparx Systems) versions 6.x and 7.x, and Oracle Designer releases 2.1, 2.1.2, 6.0, 6i, 9i and 10g.