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TOOLBUS Interface for ARIS and Oracle Designer Version 9

Data Sheet

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Function

The TOOLBUS interface for the ARIS and Oracle Designer enables exchange of Data Models and parts of Process Models between the **ARIS Toolset / ARIS Business Architect / Oracle Business Process Architect** and **Oracle Designer** in both directions.

Model Mapping

The TOOLBUS Interface for ARIS and Oracle Designer supports the following ARIS models ("**<==>**" is for bidirectional, "**==>**" is for unidirectional mapping from ARIS Toolset to Oracle Designer):

- IE Data Model <==>
- eERM <==>
- SAP-SERM <==>
- Attribute Allocation Diagram <==>
- Extended Event-Driven Process Chain (eEPC) ==>
- Function Tree <==>
- Function Allocation Diagram <==>
- Organizational Chart ==>

<u>ARIS Object Type</u>		<u>Oracle Designer Element Type</u>
Entity Type	<==>	ENTITY
Generalization/ Specialization	<==>	ENTITY (Supertype_Reference)
Relationship Type	<==>	RELATIONSHIP_END
Event	==>	EVENT
ERM Attribute	<==>	ATTRIBUTE UNIQUE_IDENTIFIER UNIQUE_IDENTIFIER_ENTRY
ERM Domain	<==>	DOMAIN
Function	<==>	FUNCTION
Function Allocation Diagram	<==>	FUNCTION/ENTITY Usage (CRUD)
Organizational Unit	==>	BUSINESS_UNIT
Rule	<==>	(in text of FUNCTION)

Remark: The layout of the Entity Relationship Diagram cannot be transformed, because the import/export interface of Oracle Designer (Application Programmatic Interface / API) does not include diagram positions. All Entities get default positions in ARIS Toolset (assigned by TOOLBUS) and in Oracle Designer (assigned by Oracle).

Migration Process

In order to migrate a model from ARIS to Oracle Designer a XML file (AML File) is created by the export function of ARIS. The ARIS XML export file is converted to a standard interface file called "TOOLBUS". The TOOLBUS interface programs create a new Application System or update the latest version of an existing Application System by the functions provided by Oracle Designer's API, using the TOOLBUS file as input.

In order to migrate a Data Model from Oracle Designer to ARIS an Application System is exported from Oracle Designer by the TOOLBUS export program into a TOOLBUS file. The TOOLBUS transformation programs generate an ARIS XML import file for the ARIS Toolset / ARIS Business Architect / Oracle Business Process Architect from the TOOLBUS file.

Platform

The TOOLBUS Interface for ARIS and Oracle Designer requires Microsoft Windows 2000/XP/Vista. The interface supports ARIS 6.x, 7.0 and 7.1, and Oracle Designer 1.3, 2.1, 2.1.2, 6.0, 6i, 9i and 10g.