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TOOLBUS Interface for the ARIS Toolset and COOL:Enterprise (KEY/ADW)

Version 6

Data Sheet

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Function

The TOOLBUS Interface for ARIS and COOL:Enterprise (KEY/ADW) enables the exchange of Data Models and parts of Process Models between the two repositories.

The interface supports these ARIS Models:

- IE Data Model
- eERM
- SAP-SERM
- Attribute Allocation Diagram
- Function Tree
- Function Allocation Diagram

Model Mapping

IE Data Model, eERM, SAP-SERM, and Attribute Allocation Diagram are bi-directionally mapped to the KEY Entity Model. A KEY Subject Area is created for every IE Data Model, eERM, or SAP-SERM Diagram, and for every Cluster in the Data Model from ARIS. The layout of the KEY Entity Model and of KEY Subject Areas is maintained if the IE Data Model or the SAP-SERM is used in ARIS. For the eERM the diagram layout cannot be reproduced, i.e. all Entities get default positions in the ARIS Toolset and KEY.

Function Trees are migrated from the ARIS Toolset to KEY Process Decompositions, and vice versa. ARIS Function Allocation Diagrams are uni-directionally mapped to the Process View of the Entity Model in KEY (Input/Output information is lost).

Migration Process

To migrate a model from the ARIS Toolset to KEY, a text file is created by the ARIS Toolset export function. The ARIS export file is converted to a standard interface file called "TOOLBUS". TOOLBUS programs generate KEY import files (OI.EXP, AI.EXP, PI.EXP, TI.EXP) from the TOOLBUS file.

To migrate an Entity Model from KEY to the ARIS Toolset the model is exported by KEY's Encyclopedia Data Transfer function into KEY's export files. TOOLBUS programs build an ARIS import file from the KEY export files (OI.EXP, AI.EXP, PI.EXP and TI.EXP). This process also uses the intermediate TOOLBUS file.

During migration between KEY / COOL:Enterprise and ARIS the models are transformed to compensate the differences of the information models of the two CASE tools.

Platform

The TOOLBUS Interface for ARIS and COOL:Enterprise (KEY/ADW) requires Microsoft Windows 95/98/Me, or Windows NT/2000/XP.

The TOOLBUS Interface for ARIS and KEY / COOL:Enterprise supports the ARIS Toolset 3.0, 3.1, 3.2, 4.0, 4.1, 5.0, 5.01 and 6, ADW (KEY) Version 2.7 (or higher), and COOL:Enterprise Version 4.0 (or higher).