



Reischmann Informatik GmbH
Berrschestrasse 2
Munich, D-81245, Germany
Phone +49-89-829260-0
Fax +49-89-829260-25
E-Mail info@reischmann.com

www.reischmann.com

TOOLBUS Interface for COOL:BusinessTeam/DBA (GroundWorks/Terrain) and ER/Studio

Version 4

Data Sheet

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The TOOLBUS Interface for COOL:BusinessTeam/COOL:DBA and ER/Studio enables the import of Entity-Relationship Models from COOL:BusinessTeam (formerly available as GroundWorks, or Bachman/Analyst) into Logical Models in ER/Studio, and the import of Relational Models (DB2, Oracle and SQL Server models) from COOL:DBA (formerly available as Terrain for DB2, or Bachman/DBA) into Physical Models in ER/Studio.

Import Alternatives:

The TOOLBUS Interface provides three migration paths:

1. Import of Entity-Relationship Models from COOL:BusinessTeam/GroundWorks into Logical Models in ER/Studio:

- Entity-Relationship Models (Entities, Attributes, Partnerships, Domains, Allowed Value Tables) are imported from COOL:BusinessTeam (or from GroundWorks, Bachman/Analyst) into Logical Models in ER/Studio.
- The System Maps to the physical model, which contain Table and Column names, are scanned in the COOL:BusinessTeam/GroundWorks model, and physical names are inserted into the Logical Model in ER/Studio for Entities and Attributes.
- When importing models from COOL:BusinessTeam to ER/Studio, Filter Models are mapped to Entity-Relationship diagrams in ER/Studio, and the layout of the Entity-Relationship Diagrams of COOL:BusinessTeam is reproduced to a high degree. For models from GroundWorks, the layout of the whole Entity Model is reproduced, and for the Filters a default layout is generated for the Diagrams in ER/Studio.

Migration Process:

To migrate a COOL:BusinessTeam/GroundWorks model to ER/Studio, it must be exported into a VAR file. The TOOLBUS Interface generates a DM1 file for ER/Studio.

2. Import of Physical Models from COOL:DBA into ER/Studio:

- Relational Models (Databases, Tables, Columns, Indexes, etc.) are imported from COOL:DBA (or from Terrain, Bachman/DBA) into Physical Models in ER/Studio.
- The System Maps to the logical model, which contain Entity and Attribute names, are scanned in the COOL:DBA/Terrain model, and Entity and Attribute names are inserted into the Physical Model in ER/Studio for Tables and Columns.

Migration Process:

To import a COOL:DBA model into ER/Studio, it must be exported into a VAR file. The TOOLBUS Interface generates a DM1 file for ER/Studio from the VAR export file.

3. Import of Entity-Relationship & Relational Models from COOL:BusinessTeam and COOL:DBA into ER/Studio:

The export files from COOL:BusinessTeam and COOL:DBA are migrated together:

- The Logical Model in ER/Studio is created from the COOL:BusinessTeam (or GroundWorks) model, as described for import path 1 above.
- The Physical Model in ER/Studio is created from the COOL:DBA (or Terrain) model, as described for import path 2 above.
- The System Maps to the Logical Model, which are found in the COOL:DBA/Terrain model, are evaluated, and links to Entities and Attributes are inserted into the ER/Studio model for Tables and Columns.

Migration Process:

To import a COOL:BusinessTeam together with a COOL:DBA model into ER/Studio, both models must be exported into VAR files. The TOOLBUS Interface generates a DM1 file for ER/Studio from the VAR export files.

Platform:

The TOOLBUS Interface for ER/Studio and COOL:BusinessTeam/DBA requires Microsoft Windows NT/2000/XP, and it supports ER/Studio 5.1, 5.5, 6.0, 6.5 and 6.6.

The TOOLBUS Interface supports the migration of Logical Models from the following Bachman tools to ER/Studio:

- COOL:BusinessTeam 1.2, 1.2a
- GroundWorks 1.x, 2.x
- Bachman/Analyst 4.15, 4.20, 4.30 and 4.4

The TOOLBUS Interface supports the migration of Physical Models from the following Bachman tools to ER/Studio:

- COOL:DBA 2.1
- Terrain for DB2 5.2, 5.3, 5.4
- Bachman/DBA 4.4