

# tRelational

## ADABAS-to-RDBMS Data Modeling and Mapping

## Fact Sheet

tRelational and Data Propagation System (DPS) are robust products that provide modeling and data transfer of legacy Adabas data into modern RDBMS-based platform for Internet/Intranet/Business Intelligence applications. Treehouse Software designed these products to meet the demands of large, complex environments requiring product maturity, productivity, feature-richness, efficiency, and high performance. tRelational maps it, and DPS pumps it.

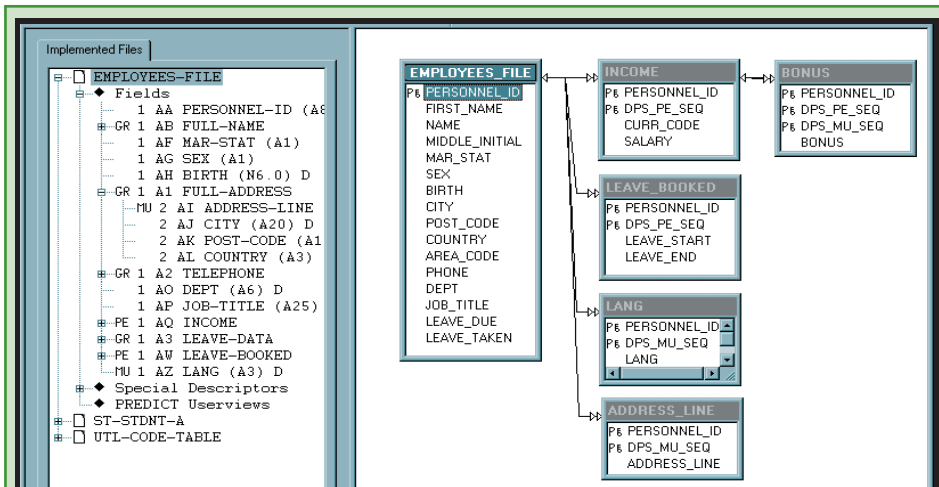
### Map it, Pump It, and Sync It

tRelational optionally auto-generates complete RDBMS schema from existing Adabas files, and alternately allows easy mapping of Adabas fields to already existing data warehouse or ERP schema. After tRelational does the mapping, DPS can then materialize (initially load) and propagate (subsequently keep synchronized) the Adabas data into the RDBMS without requiring direct access to ADABAS.

### Capabilities

tRelational offers the following features:

- RDBMS data modeling and mapping of Adabas structures to RDBMS structures
- Optional auto-generation of complete RDBMS schema (Tables, Columns, Primary Keys, and Foreign Keys) based upon existing Adabas file structures. Periodic Groups and Multiple Value Fields in an Adabas file become child tables in the generated RDBMS data model.
- Generation of DDL statements to create RDBMS structures in the target relational database
- Analysis tools for (1) determining which alphanumeric ADABAS fields should be mapped to "VARCHAR" RDBMS columns, (2) analyzing which Adabas descriptors are candidates for an RDBMS primary key or alternate index, and (3) analyzing the physical characteristics of Adabas PE and MU fields to determine the kind of RDBMS structures to which they should be mapped.



### tRelationalIPC GUI Interface

The data modeling and mapping functions in mainframe tRelational are also provided in a user-friendly environment (GUI). This remote Windows-based client offers an instantly familiar, ERD-like layout for creation and maintenance of RDBMS data models and mappings of Adabas fields to RDBMS columns.

### Export PREDICT metadata to popular modeling tools!

tRelational is the only tool on the market to effectively transfer metadata from PREDICT to popular data/database modeling tools such as CA ERwin.

In just a few steps, you can represent Adabas databases in an easy-to-understand relational context.

No Need to Type Existing RDBMS Schema Elements by Hand! tRelational's "ODBC Import" function makes it even easier for a site to import existing RDBMS schema into tRelationalPC (no need to type in those Tables, Columns, and Constraints by hand). A simple drag and drop procedure is then all that is required for the creation of ADABAS-to-RDBMS mappings.

### Compatibility

tRelational is available for mainframe Adabas/Natural sites. Supported target RDBMSs include Oracle, Microsoft SQL Server, Sybase, DB2 (mainframe and LUW) and Teradata.

### System Requirements

tRelational operates under z/OS, z/VSE and BS2000.

tRelationalPC operates under Windows 7 and XP.

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