**IBM**

DB2. Information Management Software

Migration Toolkit for Informix Dynamic Server

Highlights

- ◼ *Downloadable at no-charge, with optional transition consulting services available*

- ◼ *Translates tables, triggers, indexes, referential integrity constraints, UDTs, built-in functions, UDFs, and stored procedures (including many unique features of SPL)*

- ◼ *Transfers data, including LOBs, using a variety of customizable formats*

- ◼ *Provides verification reports after validating the SQL translation, deployment, and data transfer*

- ◼ *Supports the transition from Informix Dynamic Server, Versions 7.3 and 9, to DB2 Universal Database for Linux, UNIX and Windows, Version 7.2 FixPak 6 or later, and DB2 Universal Database for iSeries, Version 5.2 or later*
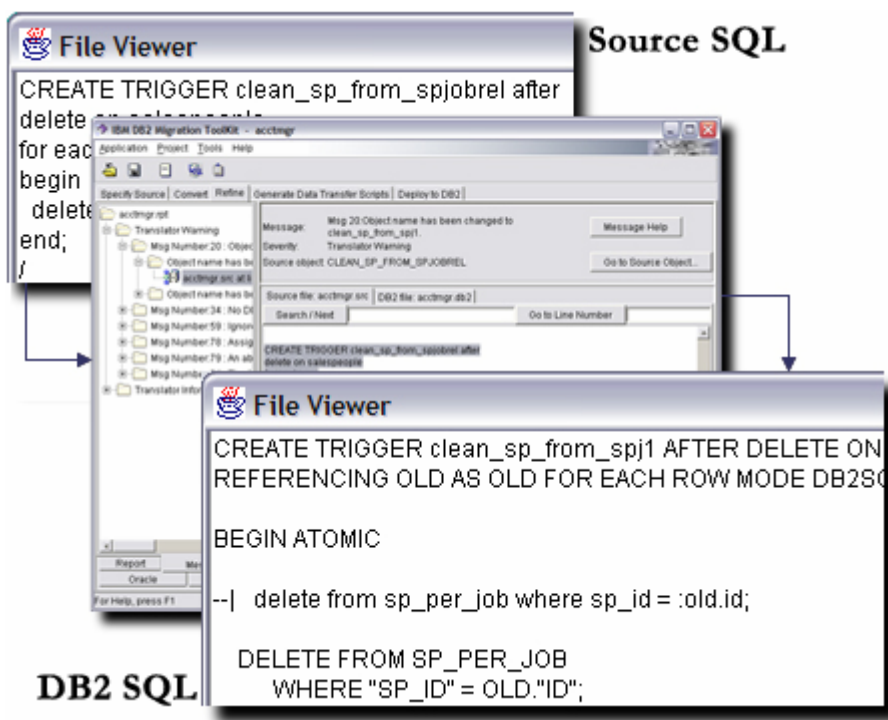
What can MTK do for me?
When you make the database transition, you want to realize your return on investment and exploit the strengths of DB2® Universal Database™ (DB2 UDB) as quickly as possible. You do not have to face the transition challenge alone. IBM offers superb consulting services and partners with ISVs that have extensive experience in this area, and the DB2 UDB Migration Toolkit (MTK) is a no-charge application to help automate some of the process.

MTK is a Java application, which can be run on a variety of systems. The design enables you to divide resources as necessary. SQL scripts are used to deploy the database objects, including tables, triggers, indexes, functions, and stored procedures. Messages and help resources guide you during the transition.

Translating SQL that is finely tuned to your IT applications is rarely easy. But, MTK identifies the areas that need application-specific knowledge, and it applies sophisticated parsing techniques to automate much of the translation, reducing the mundane aspects and accelerating the overall process.

The objective of an MTK translation is to produce a DB2 UDB database that behaves the same as the source database. For example, the treatment of null and the empty string for ANSI and non-ANSI databases are different between Informix Dynamic Server and DB2 UDB. However, the translator casts or redefines types as appropriate to help create similar behavior.

Other examples are the Java conversion functions and other UDFs provided with MTK. The benefit of such a translation is clear: although the database has changed, the dependent applications need not undergo significant changes to use it. As you become more familiar with the strengths of DB2 UDB, you can then phase in enhancements and alter your applications over time.

For more information
ibm.com/db2/migration
ibm.com/db2/migration/mtk
ibm.com/developerworks/
  db2/zones/porting

Product support
mtk@us.ibm.com

Transition services
db2mtk@us.ibm.com

Feature detail

- *MTK connects to the source database catalog and extracts database objects to SQL script files. MTK can also import SQL scripts. By using scripts as a transition medium, MTK allows you to:*

  - *View warning and error messages in-line in the source files for efficient debugging.*

  - *Easily search and alter the text of the source SQL as often as necessary to produce an error-free DB2 SQL script.*

  - *Divide the workload, if desired, by extracting different objects to separate script files. For such cases, the MTK interface enables you to maintain script file dependencies in correct context with one another.*

- *At the heart of MTK is the translator, which parses and converts the Informix SQL scripts to the DB2 SQL language.*

- *When a direct translation is not possible, MTK uses its included UDFs, or it provides message help and connects you to other resources to help understand possible strategies to use to achieve equivalent results.*

- *An interactive interface organizes messages and provides point-of-reference access to source SQL files.*

- *A separate SQL translator window is provided. You can use this interface to test translate code snippets, such as one statement or function.*

- *HTML reports indicate the success of SQL translations, object deployments, data extractions, and data deployments. Detailed logs are kept for further investigation.*

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