EMS Data Pump

Powerful migration tool for converting databases and importing table data

Description

Many organizations today make use of various storage platforms and technologies, so IT executives constantly face the challenge of managing and supporting a wide mixture of data storage systems. These data systems can be different DBMS, local repository of documents, user data files, external data storages, etc. Because of differences in the data storage systems, migration of data between them may not be a simple task, since, for instance, the target table structures may be somewhat different from the source ones. Therefore, a range of data transformations are necessary to ensure the conformance of source data to the data structures and data types of the target system. As a result, the most cases of migrating may require certain efforts unless effective migration tools are used. These tools are intended to solve compatibility issues by providing an easy control over data transformation and migration process.

EMS Data Pump is an excellent migration tool for converting databases and importing table data from an ADO-compatible source (e.g. MS Access, ORACLE database, MS SQL database or any other database with ADO support) to the target database system. The program comes in separate editions for each of the most widely used DBMS servers (SQL Server, ORACLE, MySQL, PostgreSQL, InterBase/Firebird and DB2) and can help to automate the migration of a database from one DBMS to another.

EMS Data Pump is able to provide the uniform access to the variety of data sources available in an organization: the program can import information from such simple data stores as text files or spreadsheets, as well as from complex database systems. The tool allows you to build the ADO connection string to the source data provider, select tables, fields and indices for converting to target database equivalents, set the correspondence between data types of the DB Provider being used and target database data types, edit target objects definitions and much more. EMS Data Pump provides sufficient time and cost savings enabling IT executives to migrate to selected database systems in the way that best meets their needs.

Key Advantages

Possibility to fetch data from a wide variety of information sources

Since the ADO technology provides applications with the uniform access to information stored in diverse information sources, EMS Data Pump is able to copy data from absolutely various sources, like database systems, sequential files, spreadsheets, document stores, OLE DB and ODBC connections.

User-friendly wizard interface

The easy-to-use wizard application allows you to build the ADO connection string, select source tables, fields, indices and constraints for migration as well as view definitions for each of the source data objects.

A variety of options for schema and data migration

EMS Data Pump supports a set of options for schema and data being migrated. The program provides the detailed settings and configurations covering all major aspects of the migration process. You can fully customize generation of target database elements according to the source information structure. The program allows you to set the correspondence between DB Provider's and target database server data types, view and edit the target database properties, such as schemas which the tables are to be allocated to; define data types, size, precision, default value and other column options; specify indices attributes; set constraint types and more.

Criterion Editor to set an SQL criterion for importing data

Using the Criterion Editor you can set an SQL criterion for data migration. You can also check SQL in your statement to make sure that the syntax is correct, and to see how many records have been affected by the query.

The ability to save all parameters specified within the current wizard session

EMS Data Pump allows you to store its configuration settings in external files if you need to perform the data migration process repeatedly.

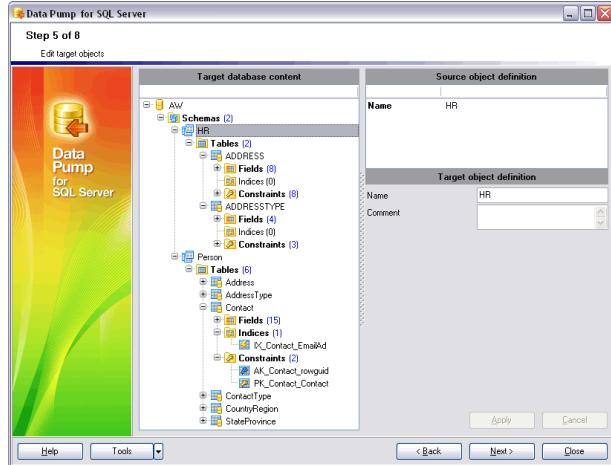### Unattended migration of database schema and data

Additionally to the GUI version which is implemented in the form of a wizard application, the installation package of Data Pump includes the console version which can be run from the Windows command line with a template file name used as an execution parameter. This command line tool is intended for scheduled database data and schema migration process.

EMS Data Pump (continued)

Powerful migration tool for converting databases and importing table data

The tool allows you to edit target objects definitions

Program features

- Program editions for the following DBMS: Oracle, Microsoft SQL Server, MySQL, PostgreSQL, InterBase/Firebird and DB2

- Converting database structure and data from any ADO compatible source

- Selecting source tables, fields, indices and constraints for conversion

- Possibility to create a new database or connect to the existing one

- Easy and customizable generation of target tables, fields and indices according to the source database structure

- The ability to connect to the database via SSH tunnel (for specific DBMS)

- Automatic database schema and data migration with the help of the Console Application

- Possibility to view, edit and save SQL script for generating the target database

- Full monitoring of the pumping process

- A variety of options for customizing the migration process

- Unicode data support

System Requirements

- Microsoft® Windows XP, Microsoft® Windows 2003 Server, Microsoft® Windows Vista, Microsoft® Windows 2008 Server, Microsoft® Windows 7, Microsoft® Windows Server 2012, Microsoft® Windows Server 2012 R2, Microsoft® Windows 8/8.1, Microsoft® Windows 10

- 512 MB RAM or more; 1024 MB or more recommended

- 50MB of available HD space for program installation

- Corresponding system libraries or a native client to connect to the specific DBMS server

Contacts

EMS Database Management Solutions, Inc.
www.sqlmanager.net
sales@sqlmanager.net
Tel/Fax: 1-646-362-2260
Toll-free for U.S. & Canada: 1-866-SQL-4-YOU (1-866-775-4968)

SQL Manager.net ™
EMS® Database Management Solutions