



"Simple, straightforward, and flexible. DataFactory takes all the work out of setting up a testing environment. It provides sample data that is understandable and realistic without forcing you to use production data."

— Michael R. Hotek
mssqlserver.com

- Generates meaningful data from an extensive test database that includes tens of thousands of names, zip codes, area codes, cities, states and more
- Enables users to test using millions of rows of data, giving a realistic picture of database performance in the production environment
- Project-oriented architecture allows multiple tables and databases to be loaded in a single session
- Supports direct access to Oracle, DB2, Sybase and any ODBC-compliant database
- Enables developers to output to the database or to a flat text file
- Maintains referential integrity, including support for multiple foreign keys
- Gives developers the option to use provided data tables or import their own data from a database or delimited text file

DataFactory®

Quickly Create Meaningful Test Data for Multiple Database Platforms

One of the biggest roadblocks for developers is to create realistic test databases that accurately simulate the production environment. Applications are being developed so fast that testing is frequently shortchanged in favor of a faster release. When an application does get tested, it is often difficult to determine potential bottlenecks before deployment, since a typical test database may contain only megabytes of data — whereas the production environment may exceed hundreds of gigabytes. Even if an application runs smoothly on a small sample, there are no guarantees that it will perform well in production.

To give you the confidence that your application will run smoothly, Quest Software offers DataFactory®, a solution that quickly generates millions of rows of syntactically correct test data with just a few clicks of the mouse. With its intuitive user interface and ability to model complex data relationships, DataFactory is a fast, easy source of meaningful test data.

Quickly Generate Useful Test Data

With DataFactory, developers and QA personnel no longer have to write custom applications to populate test databases with useful test data. DataFactory will read a database schema and display database objects such as tables and columns. Users can then point, click, and specifically define how to populate the table. Developers can choose DataFactory's provided data — including thousands of names, addresses, zip codes, area codes and other information — rather than copying production data, which is important when dealing with new applications or confidential information.

With DataFactory, developers can generate different test scenarios to answer questions such as "What will happen to database performance if the number of customers triples?" Since it can populate the test database with millions of rows, DataFactory provides an accurate picture of execution time in a real-world production environment. With this knowledge, developers can correct serious performance issues before deployment.

MAIN FEATURES

Project-Oriented Architecture

DataFactory is project-oriented, so each user can create a project that indicates which databases to load and how to load them. Projects can be as simple as loading a single table, or as complex as loading hundreds of tables in dozens of databases. DataFactory also includes a version control system for project files.

Complete Data Tables

Developers can choose to test with DataFactory data tables — indexed binary files that contain text, numeric, and date values — or create new data tables by importing data from a database or a delimited text file.

System Requirements:

Hardware and OS Requirements

- Windows 95/98/2000 or
- Windows NT 4.0
- 16 MB of RAM
- 10 MB of hard disk space

Database Access Requirements

Requires one of the following data-access components:

- ODBC
- OCI for Oracle
- DB2 Call Level Interface
- CT-Library for Sybase

Referential Integrity

DataFactory supports referential integrity through child tables. A child table is a table that is dependent on another table. The relationship between the child table and the parent table can be one-to-one or one-to-many.

Data Aging

For financial calculations, leap year testing, or other applications, DataFactory's data aging feature allows developers to create a set of test data using current dates, run a series of tests on that data, then age the dates and retest. A built-in data ager provides support for time-dimensional testing.

Cross-Platform Support

DataFactory provides direct access to Oracle, DB2 and Sybase. DataFactory can also connect to any ODBC-compliant database using the vendor-provided ODBC driver.

Comprehensive Development & Deployment Solution

DataFactory is one element within Quest Software's complete database development & deployment solution, which accelerates development of high-quality applications and facilitates the accurate deployment of database changes from development through production.

About Quest Software, Inc.

Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases and Windows infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 18,000 customers worldwide meet higher expectations for enterprise IT. Quest Software can be found in offices around the globe and at www.quest.com.



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