

Test Data Generator Selection Guide

Checklist for Test Data Generator

Environment	DTM Data Generator	Other tool
Windows 2000 family support	Yes	
Windows XP support	Yes	
Windows 2003 Server support	Yes	
Windows 2008 and 2012 Server support	Yes	
Windows Vista support	Yes	
Windows 7 support	Yes	
Windows 8 and 10 support (desktop mode)	Yes	
Windows NT 4 support	Yes, MFC library required	
64 bit version	Yes	
Unix/Linux systems	Yes, execution only (DG Multiplatform Runtime)	
Mac OS	Yes, execution only (DG Multiplatform Runtime)	

Database Connectivity	DTM Data Generator	Other tool
ODBC support	Yes	
OLE DB support	Yes	
BDE / IDAPI support	Yes	
Oracle Call Interface support	Yes	
Extended MS SQL Server support	Yes	
Extended IBM DB2 support	Yes	
Extended Sybase support	Yes	
Extended PostgreSQL support	Yes	
Extended MySQL support	Yes	
Extended Oracle support	Yes	
Extended Interbase/Firebird support	Yes	
Extended SQLite support	Yes	
Support for desktop databases	Yes	
File DSN support	Yes	
Built in SQL console	Yes	

Supported Objects	DTM Data Generator	Other tool
Data rows generation	Yes	
Tables generation	Yes	
Objects (views, procedures, etc)	Yes	

Modes	DTM Data Generator	Other tool
Append data	Yes	
Replace data	Yes	
Update selected columns	Yes	
Scramble one table to another	Yes	

Sources of Values	DTM Data Generator	Other tool
User defined values list	Yes	

Text data file (one value per line)	Yes	
Spreadsheet	Yes	
Another table from the same database	Yes	
Table from another database	Yes	
SQL statement (same database)	Yes	
SQL statement (another connection)	Yes	
Predefined value library	Yes	
Script (Python, Perl, Ruby, etc)	Yes	
XML document	Yes	
JSON file	Yes	
Web resource (http or ftp access)	Yes	
Custom DLL	Yes	
Custom (user defined) value library	Yes	

Data Generation Process	DTM Data Generator	Other tool
Project level automation	Yes, Rule Wizard	
Foreign keys automatically resolve	Yes	
Check constraints support	Yes, MS SQL only	
Cleaning before data generation	Yes	
BLOB generation support	Yes	
Groups of value support	Yes	
Customizable prologue SQL script	Yes	
Customizable epilogue SQL script	Yes	
Automatically NULL property support	Yes	
Powerful data preview tool	Yes	
Unique values generation support	Yes	
Sequences of values support	Yes	
Support formatting of output values	Yes	
Transaction length customization	Yes	
Values capacity settings	Yes, for lists only	
Predefined masks for most useful values	Yes	
Date/Time format customization	Yes	
Date conversion functions	Yes	
Advanced number of rows management	Yes	

Data Fill Methods	DTM Data Generator	Other tool
Customizable random values and strings	Yes	
Random Unicode strings	Yes, Unicode version only	
Auto incremental / decremental for numbers (integer and floating point)	Yes	
Auto incremental / decremental for dates and time values	Yes	
From another source	Yes, see above	
By pattern (data generation language script)	Yes	
By regular expression	Yes	
Computed value	Yes	
Custom generator as Windows DLL	Yes	
Named generator	Yes	
Sequentially mode for lists	Yes	

Output	DTM Data Generator	Other tool
Database	Yes	
Excel spreadsheet	Yes	
Text (tab delimited)	Yes	
Text (comma separated)	Yes	
Text (custom separator)	Yes	
Text (fixed columns length)	Yes	
SQL statements	Yes	
XML document	Yes	
JSON file	Yes	
Rule level output customization	Yes, for SQL, XML, JSON and Text	
Bulk Inserts	Yes, local MS SQL only	

Data Scramble Features	DTM Data Generator	Other tool
Data Scramble feature support	Yes	
Scramble table to the same database	Yes	
Scramble table to another database	Yes	
Scramble table to external file	Yes for Text, SQL, XML and JSON.	

Supplemental tools and Utilities	DTM Data Generator	Other tool
Software Developer's Kit	Available	
Script compiler to standalone executable	Available	

Service and Support	DTM Data Generator	Other tool
Built-in Help system	Yes	
Online product help	Yes	
Product support and upgrades	1 year subscription included	