

Toad[®] for SQL Server Functional Matrix

Essential Functionality	Toad for SQL Server Professional Edition	Toad for SQL Server Xpert Edition	Toad Development Suite for SQL Server
Browse and navigate through objects	✓	✓	✓
Create and manipulate database objects through graphical interfaces	✓	✓	✓
Edit: snippets, predictive typing, syntax highlighting	✓	✓	✓
Customize code templates and code formatter	✓	✓	✓
Unicode support	✓	✓	✓
Development Functionality			
Query Builder	✓	✓	✓
Integrated Debugger	✓	✓	✓
ER Diagram with HTML reporting and e-mail	✓	✓	✓
Compare code difference in database objects and files	✓	✓	✓
Convert embedded SQL to other programming languages (Delphi, C, C++, Java, Perl and VB etc.)	✓	✓	✓
Connect to, develop, and administer SQL Azure databases with the same Toad functionality as provided for on-premise SQL Server	✓	✓	✓
Team Collaboration			
Share common standards and templates	✓	✓	✓
Integrate with more than 10 version control systems	✓	✓	✓
View RSS and Twitter feeds, including Toad Community postings for greater collaboration	✓	✓	✓
Manage project assets	✓	✓	✓
Code Analysis and SQL Optimization			
Visual SQL explain plan	✓	✓	✓
Trace user sessions and visually display SQL Trace output	✓	✓	✓
Identify problematic SQL directly from database objects, files and source code		✓	✓
Automate SQL rewrites to locate the most-efficient SQL alternative (internal to Editor and full external optimizer)		✓	✓
Optimize multiple SQL statements in batch in context with the source code and provide optimized code		✓	✓
Recommend indexes and analyze impact on database environment through index simulation		✓	✓
Test SQL and T-SQL for scalability under simulated user loads to validate performance under production conditions			✓

Schema, Data and Change Management	Toad for SQL Server Professional Edition	Toad for SQL Server Xpert Edition	Toad Development Suite for SQL Server
Advanced, highly productive data grids offering simple column selectivity and grouping	✓	✓	✓
Import/export data from data grid into/from Excel files and other formats	✓	✓	✓
Data compare and synch	✓	✓	✓
Display table data representing Parent-Child dependencies (Master Detail Browser)	✓	✓	✓
Reverse engineer objects DDL including roles, permissions to recreate objects in a different db/schema	✓	✓	✓
Import/export data utilities	✓	✓	✓
Analyze the impact of new indexes and index changes on the database		✓	✓
Analyze SQL execution plan changes between different db environments (i.e. dev. vs. prod. or SQL Server 2005 vs. 2008)		✓	✓
Replay database workload to simulate production load levels in a test environment prior to deployment or implementation of database or platform changes			✓
Simulate database workloads using out-of-the-box industry standard benchmarks such as TPC-C and TPC-E			✓
Compare and generate database server change scripts between two or more databases	✓	✓	✓
Connect to, develop, and administer SQL Azure databases with the same Toad functionality as provided for on-premise SQL Server	✓	✓	✓
Reporting			
Generate customizable database reports such as scheme and data reports	✓	✓	✓
Automate report generation and distribution	✓	✓	✓
Generate reports on potentially problematic SQL and optimization results		✓	✓
Database Administration			
Browse multiple managed databases, perform tasks and drill down to object level	✓	✓	✓
Browse and navigate database-specific objects like tables, views and roles	✓	✓	✓
Quickly clone existing database objects	✓	✓	✓
Group objects across a server instance	✓	✓	✓
Server-side filtering on a per database object type basis (inc. named filters)	✓	✓	✓
Compare the differences between Servers, Databases, and Data; highlighting the additional and missing items, and generating a script to synchronize the two environments in order to ensure validity	✓	✓	✓
Manage database objects, such as tables, views and roles	✓	✓	✓

Redo or undo transactions stored in log files by reading online transaction logs, detached transaction log files or log file backups for reconstructing transactions	✓	✓	✓
Execute one or more scripts against one or more databases	✓	✓	✓
Connect to, develop, and administer SQL Azure databases with the same Toad functionality as provided for on-premise SQL Server	✓	✓	✓
General	Toad for SQL Server Professional Edition	Toad for SQL Server Xpert Edition	Toad Development Suite for SQL Server
Restrict access to Toad features	✓	✓	✓
Direct access to knowledge and educational content on Toad World and other resources using a search bar	✓	✓	✓
Context-sensitive knowledge base, including best practices, worked examples, error messages and much more	✓	✓	✓
Distribute and configurations and settings to group of users	✓	✓	✓
Reorganize and summarize data to create meaningful reports with pivot grids	✓	✓	✓
Identify discrepancies between files, data and objects, then edit duplicate data using Difference Viewer	✓	✓	✓
Reduce manual effort and enhance productivity by recording and playing back keyboard commands using Macros	✓	✓	✓
Connect to, develop, and administer SQL Azure databases with the same Toad functionality as provided for on-premise SQL Server	✓	✓	✓