



Toad™ for SQL Server® Functional Matrix

<i>Essential Functionality</i>	Free Edition	Professional Edition	Xpert Edition	Development Suite
Browse and navigate through database objects	✓	✓	✓	✓
Create and manipulate database objects through graphical interfaces	✓	✓	✓	✓
Edit: snippets, predictive typing, syntax highlighting		✓	✓	✓
Unicode support	✓	✓	✓	✓
Support for the latest database platform version: SQL Server 2012	✓	✓	✓	✓
<i>Development Functionality</i>				
Advanced code completion and SQL formatting	✓	✓	✓	✓
Manipulate and explore SQL with Script Map, that provides fast, structured and clear representation of your script	✓	✓	✓	✓
Execute scripts against multiple servers and instances.		✓	✓	✓
Query Builder	✓	✓	✓	✓
Compare code differences, database objects and files	✓	✓	✓	✓
ER Diagram with HTML Reporting	✓	✓	✓	✓
Integrated Debugger		✓	✓	✓
Convert embedded SQL to other programming languages (e.x. Delphi, C, C++, Java, Perl and VB)		✓	✓	✓
Connect to, develop, and administer SQL Azure databases with the same Toad functionality as provided for on-premise SQL Server		✓	✓	✓
<i>Team Collaboration</i>				
Manage project assets, share common standards and templates		✓	✓	✓
Source Control Integration with over 10 version control systems		✓	✓	✓
View RSS and twitter feeds, including Toad community postings for greater collaboration	✓	✓	✓	✓
<i>Code Analysis and SQL Optimization</i>				
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 the optimized code			✓	✓



Recommend the 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				✓
Database Administration	Free Edition	Professional Edition	Xpert Edition	Development Suite
Browse multiple managed databases, perform tasks and drill down to the object level	✓	✓	✓	✓
Browse, navigate and manage database-specific objects like tables, views and roles	✓	✓	✓	✓
Quickly close existing database objects	✓	✓	✓	✓
Group objects across a server instance	✓	✓	✓	✓
Conduct server-side filtering on a per-database-object-type basis, including named filters	✓	✓	✓	✓
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		✓	✓	✓
Schema, Data and Change Management				
Compare data between two databases, identify differences and run or generate a script to synchronize.		✓	✓	✓
Compare schema between one source and many databases, identify differences and run or generate a script to synchronize. Compare one source to multiple targets in one step.		✓	✓	✓
Compare server setup and configuration between two databases, identify differences and run or generate a script to synchronize.		✓	✓	✓
Automate (and schedule) data and schema compare with Toad Automation.		✓	✓	✓
Import/export data utilities	✓	✓	✓	✓
Import/export data from data grid into/from Excel and other files	✓	✓	✓	✓
Advanced, highly-productive data grids offering simple column selectivity and grouping	✓	✓	✓	✓
Display table data representing Parent-Child dependencies (Master Detail Browser)		✓	✓	✓
Reverse engineer objects DDL, including roles and permissions to recreate objects in a different DB/schema		✓	✓	✓
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				✓
Reporting	Free Edition	Professional Edition	Xpert Edition	Development Suite
Generate customizable database reports such as schema and data reports		✓	✓	✓
Automate report generation and distribution		✓	✓	✓
Generate reports on potentially problematic SQL and optimization results			✓	✓
Performance Diagnostics and Optimization				
Browse sessions, trace and manage database processes and locks		✓	✓	✓
Integration with Project Lucy which delivers daily performance health report	✓	✓	✓	✓
Detect and defragment inefficient indexes		✓	✓	✓
Monitor and snapshot key performance metrics			✓	✓
Analyze the impact of new indexes and index changes on the database			✓	✓
Analyze SQL execution plan changes between different DB environments (e.x. Dev vs. Prod or SQL Server 2005 vs. 2008)			✓	✓
General				
Restrict access to Toad features	✓	✓	✓	✓
Access knowledge and educational content on Toad World and other resources directly from the search bar	✓	✓	✓	✓
Context-sensitive knowledge base, including best practices, worked examples, error messages and much more	✓	✓	✓	✓
Distribute configurations and settings to a 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		✓	✓	✓
Use Automation to schedule a single script to run reports and queries, save results in Excel spreadsheets, and distribute results to the business community via email.		✓	✓	✓
Reduce manual effort and enhance productivity by recording and playing back keyboard commands using Macros	✓	✓	✓	✓