

| | Professional Edition | Xpert Edition | Development Suite |
|--|----------------------|---------------|-------------------|
| Essential Functionality | | | |
| Browse and navigate through database objects | ✓ | ✓ | ✓ |
| New ribbon style toolbar to simplify workflow | ✓ | ✓ | ✓ |
| 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 and SQL Azure | ✓ | ✓ | ✓ |
| Development Functionality | | | |
| 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.g., Delphi, C, C++, Java, Perl and VB) | ✓ | ✓ | ✓ |
| Connect to, develop, and administer Microsoft SQL Azure and Amazon EC2 SQL Server databases | ✓ | ✓ | ✓ |
| Team Collaboration | | | |
| Manage project assets, share common standards and templates | ✓ | ✓ | ✓ |
| Manage Toad files using the Library | ✓ | ✓ | ✓ |
| Version Control integration with over 10 version control systems | ✓ | ✓ | ✓ |
| Version Control for Toad files using Subversion | ✓ | ✓ | ✓ |
| View RSS and Twitter feeds, including Toad community postings for greater collaboration | ✓ | ✓ | ✓ |
| Code Analysis and SQL Optimization | | | |
| Visual SQL explain plan | ✓ | ✓ | ✓ |
| Trace user sessions and visually display SQL Trace output | ✓ | ✓ | ✓ |

Toad® for SQL Server Functional Matrix



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| 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 | 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 and administer Microsoft SQL Azure and Amazon EC2 SQL Server databases | ✓ | ✓ | ✓ |
| Schema, Data and Change Management | | | |
| Test Data Generator enables realistic data to be created | ✓ | ✓ | ✓ |
| Compare data between two databases, identify differences and run or generate a script to synchronize | ✓ | ✓ | ✓ |
| Compare schemas between a single source and target database, identify differences and run or generate a script to synchronize | ✓ | ✓ | ✓ |
| Compare schemas between one source and many target databases, identify differences and run or generate a script to synchronize | | ✓ | ✓ |
| 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 | ✓ | ✓ | ✓ |

Toad® for SQL Server Functional Matrix



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|---|-----------------------------|----------------------|--------------------------|
| 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 database objects (inc from DDL) and manage data models | | | ✓ |
| Replay database workload using trace files 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 | 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 Spotlight Cloud which uploads daily performance data via the Diagnostic Server | ✓ | ✓ | ✓ |
| Access to Spotlight to check the health of your databases | ✓ | ✓ | ✓ |
| 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.g., Dev vs. Prod or SQL Server 2014 vs. 2017) | | ✓ | ✓ |
| Background Process pane tracks running processes in the Editor and Query Builder | ✓ | ✓ | ✓ |
| 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 | ✓ | ✓ | ✓ |

Toad® for SQL Server Functional Matrix



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|---|---|---|---|
| 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 | ✓ | ✓ | ✓ |