



*"Toad dramatically reduces our development time compared to using another SQL editor - and you can't put a price on a tool that allows us to do our jobs more efficiently. Toad allows our developers to better test code and processes so they can come up with a better product."*

— Sean Montgomery  
Data Warehouse Manager  
AXA Financial

- Simplifies SQL Server development and administration through the familiar Toad user interface
- Allows you to manage queries, administer security and compare and synchronize database servers, schemas and data across multiple servers (with the DBA module)
- Provides advanced database code development and debugging with built-in templates, snippets and syntax auto-complete
- Improves SQL to guarantee the fastest, most optimized SQL statement (with the Tuning module)
- Obtains instant access to SQL Server expertise, answering many database development and administration questions



## Proven Database Development Tool Increases User Productivity and Application Code Quality

Toad™ for SQL Server is a powerful, low-overhead tool that makes database development faster and easier while simplifying day-to-day administration tasks. Whether you are a SQL developer or DBA, Toad for SQL Server offers specific features to make you more productive than ever before.

Toad improves productivity with all the functionality you need to build and execute queries, create and modify database objects, and develop and debug SQL code. Even day-to-day tasks, such as importing/exporting data, comparing schemas and managing database objects, are made faster and easier with Toad. Plus, Toad offers integration with Knowledge Xpert™ for built-in SQL Server database expertise from recognized database experts.

Toad also helps you and your teams increase the quality of your database applications. Integrated SQL tuning provides users of all levels with the expertise needed to turn out quality code. Plus, Quest offers interactive community support from both peers and industry experts through online discussion groups, the Quest Pipelines Web site and newsletters and events designed especially for the Toad community of users.

### Toad for SQL Server components include:

**Database Administration:** Automates day-to-day database management and simplifies database administration tasks by simultaneously creating and managing database objects, SQL code, users, logins and security across multiple servers

**SQL Editor:** Accelerates stored procedure construction via an intuitive SQL Procedure editor and modeler with built-in templates, code snippets and function builder that minimizes key strokes and frees up time for more proactive tasks

**T- SQL Debugger:** Speeds SQL debugging through integration with the SQL Editor window that accepts parameters and uses color-coded break-points to step through code while providing multiple results sets for SQL Server 2000 and 2005

**SQL Tuning:** Automates SQL statement tuning by rewriting, benchmarking and comparing the fastest alternate statements to the original SQL, thereby eliminating the current manual trial-and-error rewrite process

**Version Control:** Simplifies the check-in and check-out process associated with database code development by allowing Toad to integrate and drive third-party version control software

**Change Management:** Ensures development and upgrade changes get migrated into production by providing server, database and data “Compare and Synch” against multiple servers

**Knowledge Xpert™:** Reduces the amount of time spent digging through manuals to comprehend the logic of SQL Server syntax with Toad’s built-in SQL Server knowledge base

**SQL Modeler:** Lets you quickly model a table and graphically see the dependencies and joins to other tables, which ensure a better understanding of the relationships among them

**Report Designer:** Allows developers and administrators to quickly design and format reports on critical application data, which can be saved and rapidly executed

**Project Manager:** Provides quick and easy access to databases, to the SQL Server help, and promotes proper planning and sharing across the team

**Log Reader:** Allows users to recover data stored in transaction log files by rolling back any operation and reconstructing transactions

### **Effortless Database Browsing and Administration**

With Toad for SQL Server, you don’t have to be an expert to manage database objects. Toad’s Database Browser allows you to quickly view and manage database objects through a simple, multi-tabbed browser. When you click on an individual object, Toad for SQL Server immediately displays associated details, eliminating lengthy drill-down lists. Toad for SQL Server also includes SQL Server import and export wizards, a database creation wizard and provides a convenient interface making both data loading and unloading easy and efficient. For ease of use, all objects can also be managed within the browser window.

### **Advanced Editors for Quick and Accurate Coding**

Toad for SQL Server’s powerful editors improve your productivity, eliminate errors and dramatically decrease development time. The editors allow you to work on multiple files simultaneously — even SQL embedded in C++ code. By replacing the traditional command line query and script execution facility with a graphical interface, Toad for SQL Server provides a fast and easy-to-use development environment — configurable to your preferences.

- SQL Editor provides hot keys, auto-correct and type-ahead features for faster coding
- Convenient bookmarks enable developers to easily jump between several areas of code
- Multi-tabbed Procedure Editor and full-featured toolbar provide effortless editing and testing
- Pop-up selectors included for table names, column names and SQL Server functions/keywords

In addition, Toad’s editors are tightly integrated with the SQL debugger module, which enables you to test specific areas of your procedure. Now you have the option of running only the current statement, running only statements following the cursor or running to the cursor. Toad also offers a SQL Modeler to provide quick and easy query building. Simply drag and drop tables into SQL Modeler and it will automatically build the SQL statement. The easy-to-use, integrated environment enables you to specify query criteria, test the auto-generated SQL statements, view the explain plans, see the query results, save the statements or copy

them back into the editor. Even if you are a novice user, with Toad's SQL Modeler, you can quickly create complex queries like a SQL Server expert.

### **T-SQL Debugger**

The T-SQL Debugger for Toad lets you code and debug the way you work — line-by-line and statement-by-statement — without having to change normal application execution or use cumbersome workarounds.

With Toad's T-SQL Debugger, you can step through code one line at a time as it executes on the server. In addition, you can set conditional breakpoints, watch and modify variables and view the execution stack. Using Toad, you can avoid tedious T-SQL debugging tasks while saving valuable time and improving the overall quality of applications.

### **Quest DBA Module**

Increase Toad for SQL Server's power and flexibility while automating day-to-day database administration with the Quest DBA module. The integrated DBA module provides a powerful environment to handle common tasks. These include comparing and synchronizing database schemas, servers and data, as well as administering security — all within Toad's intuitive interface.

### **SQL Tuning**

Available in Toad for SQL Server Xpert, the fully integrated SQL Tuning module supplements SQL Server tuning skills for developers, stepping up your application tuning capabilities. The Xpert Tuning module automates the tuning process by generating faster performing alternate SQL statements.

### **Knowledge Xpert for SQL Server**

Toad for SQL Server features complete integration with the Knowledge Xpert™ for SQL Server that combines T-SQL and administration expertise into one. Multiple topics are instantly accessible and include insights, best practices, diagrams and examples written by a host of respected industry authors and experts. Using these resources, you can now instantly answer 70 to 80 percent of your daily SQL Server technical questions.

### **Toad™ for SQL Server Configurations:**

Toad is available in the following configurations:

- Toad™ for SQL Server Professional — Includes all of the features and functionality of Toad for SQL Server Standard plus:
  - Integrated T-SQL Debugger
- Toad™ for SQL Server Xpert — Includes all of the features and functionality of Toad for SQL Server Professional plus:
  - Fully integrated Xpert SQL tuning functionality
- Toad™ for SQL Server Suite — Includes all of the features and functionality of Toad for SQL Server Xpert plus:
  - Knowledge Xpert™ for SQL Server
  - DataFactory® Developer Edition to quickly populate databases with meaningful test data
  - Benchmark Factory® to provide SQL Server load testing of code against the database
  - Toad™ Data Modeler to create, maintain and document quality database design
  - DBA Module to provide change management, security migrations and multi-server execute

This complete development suite provides all the tools necessary to design, develop, test and manage your database.

## System Requirements

### Client PC:

- PC with 233 MHz minimum, 300 MHz or higher recommended
- 512 MB RAM minimum, 768MB recommended
- 82 MB of disk space for installation
- Windows 2000 SP4/XP/Windows Server 2003
- Microsoft .NET Framework version 1.1
- Microsoft Data Access Components (MDAC)
- Microsoft Internet Explorer 5.01 or later
- VGA monitor with a minimum resolution of 800x600, 1024x768 recommended
- Mouse pointing device
- Client connectivity and configuration for each database (pre-requisite for connecting)
- Microsoft SQL-DMO version 8.0 (included if client connectivity is installed)

### Server:

- SQL Server 7.0
- SQL Server 2000, all editions
- SQL Server 2005, all editions

## 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

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