

Toad® for Oracle

Reduce the time and effort required to develop and manage Oracle databases.

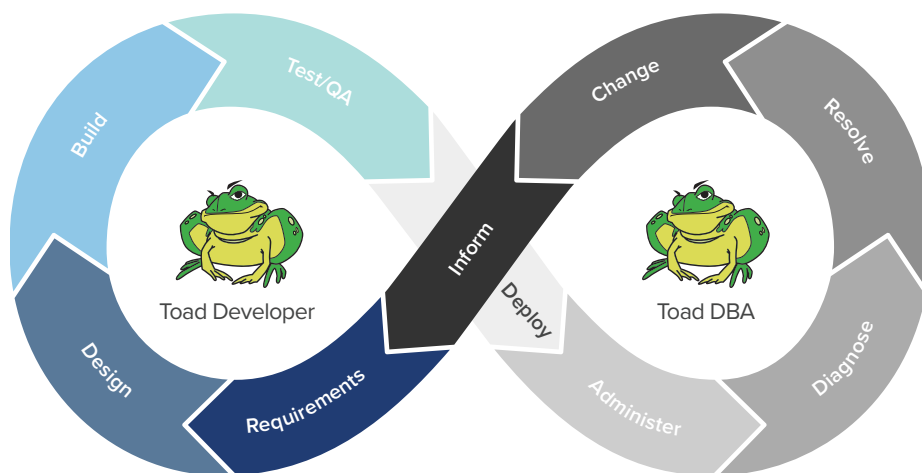
Save time and reduce risks with Toad® for Oracle, the leading database development and optimization software, as ranked by IDC*. With Toad, you'll accelerate application delivery and improve team collaboration and system performance — without compromise.

The Toad for Oracle solution provides the means by which high-quality, bug-free applications can be built to perform and scale in production, as well as automate tasks and processes. This gives you the ability to minimize the risks associated with database changes while maintaining exceptional quality and high levels of productivity.

By incorporating functionality from Oracle experts and Toad World community members, the Toad for Oracle toolset has evolved into the most advanced solution of its kind.

CAPABILITIES

- Automate tasks so you can be more proactive and productive.
- Enable development teams to collaborate and share projects, code and reports.
- Achieve the highest levels of code quality, performance and maintainability with less manual effort.
- Manage all essential components of your Oracle environment.
- Quickly identify and diagnose the root cause of performance inefficiencies to minimize risks to the production environment.
- Have greater confidence when deploying new apps or making changes to existing apps.
- Utilize similar tools across other database platforms.
- Leverage a community of millions, including peers and experts.



The Toad for Oracle solution supports the database life cycle, end to end.

“Using Toad on a daily basis has helped us to enhance our products, extend our market reach and enrich our customer experience. Toad has been an invaluable partner in supporting the development, deployment and delivery of data-driven solutions that have made our team successful.”

John Maltais
Senior IT Architect
Thermo Fisher Scientific
(TVID: FD1-153-84B**)

BENEFITS:

- Shorten development cycles without compromising quality or increasing risks.
- Implement consistent and repeatable processes and best practices.
- Quickly pinpoint and resolve database performance inefficiencies.
- Automate SQL optimization.
- Automate and schedule complex or routine database tasks.
- Ensure functional accuracy and scalability with automated testing.
- Reduce the learning curve for additional databases.

Toad for Oracle Developer Edition enables you to become more agile and speed development cycles without compromise.

Toad for Oracle Base Edition offers a wide range of features for building and maintaining database programs, including PL/SQL and SQL scripts. It includes a robust, integrated debugging suite for PL/SQL and SQL*Plus scripts. It also includes Toad Data Modeler to simplify data modeling and design across multiple database platforms at no additional cost.

Toad for Oracle Professional Edition includes all Toad for Oracle Base Edition features, plus Code Analysis, which automates code-quality reviews to ensure they're objective and consistent. By incorporating rules from seasoned Oracle experts, you have a virtual database guru at your fingertips to advise you on your code. You also have the ability to adjust rules to suit your company or project. Code reviews generate a performance scorecard for your code. Toad for Oracle Professional Edition includes Data Generation, which populates tables with multiple rows of realistic data for functional testing.

Toad for Oracle Xpert Edition includes all of the features in Toad for Oracle Professional Edition, plus integrated SQL and PL/SQL performance tuning. This is accessible through the Toad Editor's Auto Optimize SQL feature for quick and simple single-statement optimization or separately through SQL Optimizer for Oracle. SQL Optimizer automates the validation of SQL and PL/SQL to ensure the best possible performance. It scans SQL and PL/SQL code, identifies potential performance issues and, if better-performing SQL alternatives exist, it generates the replacement code for immediate implementation into the code base.

Through SQL Optimizer, Toad for Oracle Xpert Edition can also generate index creation options based on continuous database SQL execution workload. It performs index-impact analysis in a test environment to determine the

overall performance impact of those changes. Code Analysis within Xpert Edition enables dynamic code-violation notifications as well as scanning code for SQL tuning candidates.

Toad for Oracle Developer Edition comprises all functionality found in Toad for Oracle Xpert Edition, plus Code Tester for Oracle and Benchmark Factory® for Databases. Many organizations are finding that database development has become a bottleneck in an otherwise agile application delivery process. Teams are under pressure to shorten project delivery timelines, which used to mean sacrificing quality or increasing risk. Toad for Oracle Developer Edition gives you the power to implement consistent, repeatable database development processes so you can meet business requirements, and make your organization more agile. Extensive automation and collaboration functionalities make it easy to blaze through development cycles and minimize risks. You can:

- **Design and develop.** Ensure that code is properly designed, meets functional requirements and is error-free.
- **Test and review.** Move beyond manual code reviews, create high-quality code faster, automate testing throughout the development and release process, optimize code, and conduct scalability testing.
- **Deploy.** Properly prepare for deployment by ensuring consistent code quality standards across your project, and get clear insight in to the performance and quality of your code.
- **Automate.** Ensure coding consistency and your own productivity throughout the database development life cycle — including development, testing and deployment — through automation.
- **Collaborate.** Easily work with team members, peers and database experts through various built-in collaboration workflows, including integration with the Toad World community.

SYSTEM REQUIREMENTS

OPERATING SYSTEM

Windows 7 (32-bit and 64-bit) to Windows 10

Windows Server 2008 R2 to 2012 R2 (64-bit)

PROCESSOR

1GHz processor

MEMORY

32-bit: 1GB RAM

64-bit: 2GB RAM

HARD DISK SPACE

800MB — Toad for Oracle Base Edition

530MB — Toad for Oracle Professional Edition

625MB — Toad for Oracle Xpert Edition

1GB — Toad Development Suite for Oracle

2GB — Toad DBA Suite for Oracle

2GB — Toad DBA Suite for Oracle RAC and Exadata editions

DATABASE CLIENT

Oracle client or instant client 10g R2 through 12c R2

DATABASE SERVER

Oracle 10g R2 through 12c R2

Toad has been tested on Oracle Exadata 2.0 running Oracle database 12c R2

VIRTUALIZATION SUPPORT

Application: Citrix XenApp 5.0 and 6.5 have been tested

Desktop: vWorkspace 7.0 has been tested

Server: Oracle VM 3.1 has been tested

VMware ESX Server 3.5, 4.0 and 5.5 have been tested

CLOUD SUPPORT

Amazon EC2 Oracle Database as a Service and Oracle Database Cloud Service have been tested.

Toad for Oracle DBA Edition is an integrated suite that includes Toad for Oracle Xpert Edition, Spotlight® on Oracle, Toad Data Modeler and Benchmark Factory for Databases, plus the Toad DB Admin Module. This suite is also available in a DBA RAC Edition and an Exadata Edition. Toad for Oracle DBA Edition enables you to become more proactive by automating maintenance, ensuring optimal performance and mitigating the risk of change. You can:

- Administer your work and automate repetitive, routine tasks, including the management of users, roles, infrastructure and utilities for on premises and cloud databases.
- Manage performance by quickly pinpointing and resolving system, database and application performance issues and proactively avoiding future occurrences.
- Manage change through stress testing to predict and understand the impact of

changes before deployment, ensuring successful database migrations and upgrades without risk to the business.

- Collaborate by sharing scripts, knowledge and best practices with other DBAs and development teams to improve workflow and quality.

Toad for Oracle DB Admin Module ensures database health and stability. Its Database Browser is the essential database administration console, providing navigation across multiple databases and deep object-level browsing for any Oracle database using an embedded schema browser. The Database Monitor alerts you to performance issues that can be diagnosed with Spotlight on Oracle. The DB Admin Module health check allows you to execute a nearly 300-point inspection across multiple virtualized databases with categories that include vulnerability assessment, configuration (including Oracle RAC and usage of Oracle options,

OEM management packs and Exadata), as well as performance and storage.

The Trace File Browser enables DBAs to view Oracle trace file information in much more detail in order to isolate issues faster.

Automation Designer will help automate many routine tasks saving DBAs hours of time across all their managed databases.

ABOUT QUEST

At Quest, our purpose is to solve complex problems with simple solutions. We accomplish this with a philosophy focused on great products, great service and an overall goal of being simple to do business with. Our vision is to deliver technology that eliminates the need to choose between efficiency and effectiveness, which means you and your organization can spend less time on IT administration and more time on business innovation.

*Toad ranked number one in the Database Development and Optimization software submarket by IDC in November 2015.

**https://www.techvalidate.com/product-research/quest-information-management-toad-solutions/facts?utf8=%E2%9C%93&fact_search%5Bquery%5D=john