Toad® for Oracle

Simply the best productivity tool for Oracle database professionals

Only Toad® for Oracle combines the deepest functionality available, extensive automation, and a workflow that enables database professionals of all skill and experience levels to work efficiently and accurately. Toad users simply get their jobs done faster.

The Toad installer includes Toad® Data Modeler, which helps create high-quality data models and easily deploy accurate changes to data structures.
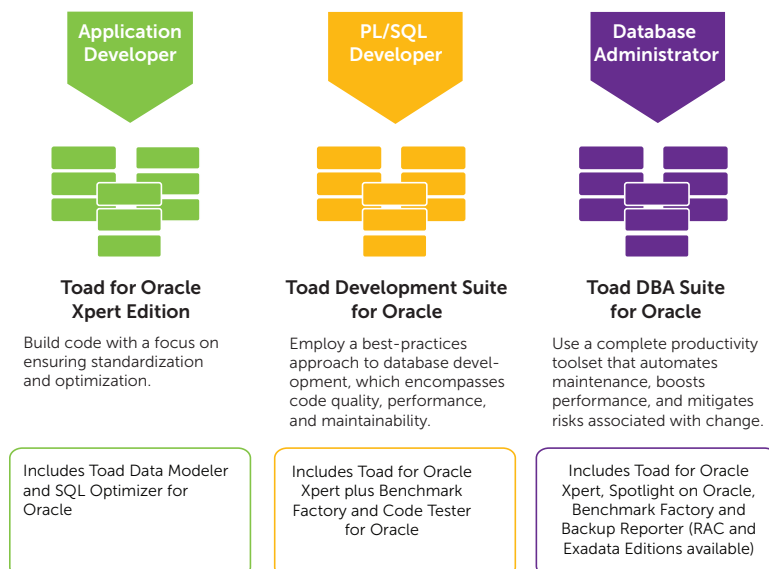
With input from our Oracle experts, including Steven Feuerstein and Bert Scalzo, as well as contributions from a loyal user community, Toad for Oracle has evolved into the most advanced solution of its kind. It provides:

- Greater productivity when performing daily tasks
- Automation to accomplish more tasks in less time and with less effort
- Exceptional usability to encourage best practices and minimize coding errors
- More accuracy when writing, debugging, and maintaining code
- Flexibility to perform many development and administration tasks from a single tool
- Extensive reporting capabilities on both application data and schema documentation
- Integrated educational resources, including direct access to Toad World, your one-stop resource for education, expertise, and collaboration

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Benefits:

- Analyze PL/SQL and SQL and get detailed recommendations for corrective actions with Code Analysis
- Debug PL/SQL, SQL scripts, and external application source code with integrated Debugging Suite
- Simplify database administration with advanced automation using DB Admin Module
- Analyze and report on RMAN backups for better control over your backup strategy
- Gain easy access to project code and maintain its integrity via Team Coding (with VCS integration)
- Use more than 200 database health checks for configuration, performance, and storage
- Run your own scripts or those supplied by Toad and execute them against multiple database connections

Application Developer	PL/SQL Developer	Database Administrator
Toad for Oracle Xpert Edition	**Toad Development Suite for Oracle**	**Toad DBA Suite for Oracle**
Build code with a focus on ensuring standardization and optimization.	Employ a best-practices approach to database development, which encompasses code quality, performance, and maintainability.	Use a complete productivity toolset that automates maintenance, boosts performance, and mitigates risks associated with change.
Includes Toad Data Modeler and SQL Optimizer for Oracle	Includes Toad for Oracle Xpert plus Benchmark Factory and Code Tester for Oracle	Includes Toad for Oracle Xpert, Spotlight on Oracle, Benchmark Factory and Backup Reporter (RAC and Exadata Editions available)

Recommended Toad edition by job function.

System requirements

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 querying and reporting as well as data modeling and design across multiple database platforms at no additional cost.

With the Toad for Oracle Base Edition, you can:

- Access online PL/SQL, SQL, and database administration knowledge bases, including Knowledge Xpert for PL/SQL and Knowledge Xpert for Oracle Administration
- Reverse engineer as well as build and maintain data models on any database platform
- Build queries for any database platform and export them to any format, including Excel
- Construct and manage database objects with ease
- Share project assets such as templates, scripts, and code snippets with other team members, using the Project Manager
- Rerun Toad tasks or build entire workflows with Automation Designer and replay them later
- Visualize and better understand the schema environment using ER Diagram and Code Road Map
- Manage end-share development standards centrally with Group Policy Manager freeware, available on Toad World
- Streamline your workflow via integration with Oracle's import and export utilities
- Use the Export File Browser to simplify the extraction of useful information, including objects and data from an Oracle export file, saving you the hassle of importing the entire file

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 Steven Feuerstein and other seasoned 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 for Oracle 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 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 enables dynamic code-violation notifications in the Editor as well as the ability to scan code for SQL tuning candidates.

Toad Development Suite for Oracle comprises Toad for Oracle Code Analysis, Code Tester for Oracle, and Benchmark Factory® for Databases; it provides an easy, automated way to use all the capabilities of Toad. This edition also includes free use of Toad Data Modeler, giving users the power and flexibility of data modeling and design for multiple database platforms. The Toad Development Suite helps guarantee application success through improved code quality, performance, and maintainability, so you can:

- Employ a best-practices approach that ensures the deployment of high-quality, high-performing database applications
- Develop applications according to pre-defined project coding standards and

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generate and store test cases as part of the natural process of building your code
- Automate code generation for complex data types when testing complex data structures
- Identify gaps between intended and actual functional code execution
- Validate production readiness by conducting SQL and PL/SQL scalability testing

Toad DBA Suite for Oracle is an integrated suite that includes Toad for Oracle Xpert, Spotlight® on Oracle, Spotlight® on Windows, Spotlight® on Unix/Linux, Spotlight® on MySQL, Spotlight® on Oracle Data Guard, Toad Data Modeler, and Benchmark Factory for Databases, plus the Toad DB Admin Module. It enables you to become more proactive by automating maintenance, ensuring optimal performance, and mitigating the risk of change. You can:

- Ensure health and security of all databases through comprehensive health checks, including production settings, virtual databases, and checks on Oracle Enterprise Edition options and packs
- Manage and maintain schemas, including schema compare and synch
- Improve database reporting, including new management reports for performance via Spotlight
- Replay database workload to simulate the production environment in development or on test databases
- Perform real-time diagnostics for Oracle Data Guard and monitor Oracle Enterprise Manager (OEM) and Oracle Exadata platforms
- Analyze and report on RMAN backups for better control over your backup strategy

With the Toad DBA Suite for Oracle, you can cut development and administration costs by automating everyday tasks, reducing the total cost of Oracle ownership.

A Toad DBA Suite for Oracle–RAC Edition is also available. This edition includes Spotlight® on RAC, which allows you to easily diagnose performance bottlenecks in real time and historically at the node, cluster, and interconnect levels. It also provides metrics on RAC overhead and enables users to model future performance expectations from Oracle databases in a RAC cluster.

Toad for Oracle DB Admin Module ensures database health and stability. The Database Browser is the essential database administration console. It enables navigation across multiple databases while providing deep object-level browsing for any Oracle database using an embedded schema browser. Toad's Database Monitor alerts you to performance issues that can be diagnosed with Spotlight on Oracle.

Administrators can quickly:

- Compare and synchronize database schemas
- Perform database object management
- Schedule batch jobs and execute multiple scripts and tasks against multiple databases
- Manage Oracle user accounts and sessions
- Execute a 211-point database analysis health check 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

About Dell

Dell Inc. (NASDAQ: DELL) listens to customers and delivers worldwide innovative technology, business solutions and services they trust and value. For more information, visit www.dell.com.

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