

Toad® for Oracle v9.7 Functional Matrix

Functionality	Toad for Oracle Base Edition	Toad for Oracle Professional Edition	Toad for Oracle Xpert Edition	Toad Development Suite for Oracle	Toad DBA Suite for Oracle	Toad DB Admin Module (add-on)
Essential Functionality						
Object browsing and navigation	X	X	X	X	X	
Editing capabilities: snippets, intellisense, syntax highlight, code folding	X	X	X	X	X	
Customizable code templates and code formatter	X	X	X	X	X	
Development Functionality						
Query Builder	X	X	X	X	X	
Integrated Debugger	X	X	X	X	X	
ER Diagram	X	X	X	X	X	
Build database code dependencies diagram (Code Roadmap)	X	X	X	X	X	
Compare code difference in database objects and files	X	X	X	X	X	
External/remote debugging (used when the db code is called from apps. like Java, C++, VB, etc.)	X	X	X	X	X	
Convert embedded SQL to other programming environments languages (Delphi, C, C++, Java, Perl and VB etc.)	X	X	X	X	X	
Browse Oracle Export file content and selectively extract objects and data		X	X	X	X	
Automated functional code test creation and unit test execution				X		
Team Collaboration						
Sharing common standards and templates	X	X	X	X	X	
Integrates with more than 10 version control systems	X	X	X	X	X	
Manage projects	X	X	X	X	X	

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Code Analysis and SQL Tuning						
PL/SQL Profiling to detect code performance bottlenecks	X	X	X	X	X	
Visual SQL explain plan	X	X	X	X	X	
Trace and display TKprof output	X	X	X	X	X	
Display session information and performance metrics	X	X	X	X	X	
Automated code analysis and validation against SQL and PL/SQL coding best practices		X	X	X	X	
Automated, configurable, objective code reviews and reports, maximizing code quality		X	X	X	X	
Identify problematic SQL directly from database objects, files and source code			X	X	X	
Automate SQL rewrites to locate the most-efficient SQL alternative			X	X	X	
Optimize multiple SQL statements in batch in context with the source code and provide optimized code			X	X	X	
Recommend indexes and analyze impact on database environment through index simulation			X	X	X	
Test SQL and PL/SQL for scalability under simulated user loads to validate performance under production conditions				X	X	
Schema, Data and Change Management						
Data import/export from data grid into/from Excel files and other formats	X	X	X	X	X	
Data compare and synch	X	X	X	X	X	
Display table data representing Parent-Child dependencies (Master Detail Browser)	X	X	X	X	X	

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Reverse engineer objects DDL including roles, permissions to recreate objects in a different db/schema	X	X	X	X	X	
Compare schemas	X	X	X	X	X	
Generate test data		X	X	X	X	
Import/export data utilities		X	X	X	X	
Analyze the impact of new indexes and index changes on the database			X	X	X	
Analyze SQL execution plan changes between different database environments (i.e. dev vs. prod or Oracle 9i vs. 10g)				X	X	
Replay database workload to simulate production load levels in a test environment prior to deployment or implementation of database or platform changes				X	X	
Reverse engineer database schema into a physical data model, compare with another version and generate alter script					X	
Compare and generate schema change scripts between any two schema versions					X	X
Reporting						
Generate customizable database reports in HTML format	X	X	X	X	X	
Automate report generation and distribution	X	X	X	X	X	
Generate code review reports covering all aspects of code quality assessment		X	X	X	X	
Generate reports on database configuration, schema and security vulnerabilities					X	X
Administration						
Browse multiple managed databases, perform tasks and drill down to object level					X	X
Navigate database-specific objects i.e. tablespaces and roles					X	X

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Manage database objects, such as tablespaces					X	X
Display performance metrics from V\$ and SGA					X	X
Check database for security vulnerabilities					X	X
Performance Diagnostics and Tuning						
Integration: OEM's performance pack with Oracle tuning advisor	X	X	X	X	X	
Identify top sessions and resource-intensive SQL			X	X	X	
Playback historical activity to find the source of performance issues					X	
Simple, highly-visual point-and-click problem resolution					X	
Perform database health checks					X	X
Collect data from Oracle StatsPack or AWR and display advisories					X	X
Manage space, repair chained rows and estimate space usage					X	X
General						
Read-only mode	X	X	X	X	X	
Restrict access to Toad features	X	X	X	X	X	
Access to Getting Started videos	X	X	X	X	X	
Context-sensitive PL/SQL knowledge base, including best practices, worked examples, error messages and much more	X	X	X	X	X	
Distribute and optionally enforce configurations and settings to group of users	X	X	X	X	X	
Macro/action record and playback to share, schedule and automate tasks	X	X	X	X	X	