Toad® for Oracle 2025 R3

Release Notes

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About Toad for Oracle

Toad for Oracle provides an intuitive and efficient way for database professionals of all skill and experience levels to perform their jobs with an overall improvement in workflow effectiveness and productivity. With Toad for Oracle you can:

- Understand your database environment through visual representations
- Meet deadlines easily through automation and smooth workflows
- Perform essential development and administration tasks from a single tool
- Deploy high-quality applications that meet user requirements; perform predictably and reliably in production
- Validate database code to ensure the best-possible performance and adherence to best-practice standards
- Manage and share projects, templates, scripts, and more with ease

The Toad for Oracle solutions are built for you, by you. Nearly two decades of development and feedback from various communities like Toad World have made it the most powerful and functional tool available. With an installed-base of over two million, Toad for Oracle continues to be the "de facto" standard tool for database development and administration.

Toad for Oracle resources

Toad World is a unique and valuable resource available to all Toad users. Toad World provides forums, blogs, videos, product information, Beta releases (when available), and Trial downloads for Toad products. Visit Toad World at: https://www.toadworld.com.

Two of the most-often used features of Toad World are the Forums and the Idea Pond.

- On the Idea Pond page, you can submit your ideas to improve Toad and vote for or comment on other ideas. The Toad team takes your suggestions seriously, and you may even hear back from one of our developers on the topic. We encourage all Toad users—from new to experienced—to let us know how we can improve Toad.
- On the Forum page, you can ask a question or start a discussion and view all other forums within the Toad community.

The Toad World blog pages feature a broad range of information, including topics of interest to our industry, as well as instructions from team members on how to use the latest Toad features.

The Toad for Oracle web-based training is a perfect accompaniment to your product license. This free training walks you through major product features and explains how to perform frequent tasks. You'll also see how to utilize time-saving automation functionality. You'll receive a certificate of completion for each course once you pass the accompanying test.

About this release

Toad for Oracle2025 R3 is a minor release, with enhanced features and functionality.

Toad for Oracle 2025 R3 includes component and requirement upgrades. These upgrades address security vulnerabilities previously identified in the third party component.

About Toad® for Oracle®Editions

Toad for Oracle Edition features:

- All of the great, award-winning Toad features you have grown to love
- Access to our world-class support team, Knowledge Base, how-to videos and more
- Quest Auto Update keeping you on the latest version
    - Available with 64-bit editions on Windows
    - Please refer to the Toad for Oracle *Installation Guide* at https://support.quest.com/technical-documents for instructions on disabling Quest Auto Update
- Online License Management making it easy to assign licenses to individuals, keep track of individual usage, manage organizations, and reassign unused or under-used licenses as needed to ensure license compliance
- Automatic renewal of Subscription licenses ensuring that Toad for Oracle will be continuously available to users
- Invitations to training events like our Ask Toad and Toad Training Tuesdays series

Each Toad for Oracle Edition is packaged with additional Quest products to expand your experience.

The following products may be part of your Toad for Oracle Edition:

- Toad for Oracle
- Benchmark Factory for Databases
- Code Tester for Oracle
- Spotlight on Oracle
- SQL Optimizer for Oracle
- erwin Data Modeler Lite for Oracle
- Toad Data Modeler

The following Toad for Oracle Editions are available:

Edition	Licensed
Toad for Oracle Base Edition	Toad® for Oracle®
Toad for Oracle Professional Edition	Toad® for Oracle® Professional
Toad for Oracle Professional DB Admin Edition	Everything in Toad® for Oracle® Professional DB Admin Module Add-on Sensitive Data Protection Add-on
Toad for Oracle Xpert Plus Edition	Everything in Toad® for Oracle® Professional DB Admin Edition SQL Optimizer for Oracle®

Edition	Licensed
Toad for Oracle Developer Plus Edition	Everything in Toad® for Oracle® Xpert Plus Code Tester for Oracle® Benchmark Factory® for Databases - Oracle Edition with 100 virtual users
Toad for Oracle DBA Plus with erwin Edition	Everything in Toad® for Oracle® Developer Plus Benchmark Factory® for Databases - Oracle Edition with 500 virtual users Spotlight on Oracle® erwin Data Modeler Lite for Oracle®
Toad for Oracle DBA RAC Plus with erwin Edition	Everything in Toad® for Oracle® DBA Plus with erwin Spotlight on Oracle® with RAC Option
Toad for Oracle DBA Exadata Plus with erwin Edition	Everything in Toad® for Oracle® DBA RAC Plus with erwin – Includes Exadata Spotlight on Oracle® with RAC and Exadata Options
Toad for Oracle DBA Plus	Everything in Toad® for Oracle® Developer Plus Benchmark Factory® for Databases - Oracle Edition with 500 virtual users Spotlight on Oracle® Toad Data Modeler®
Toad for Oracle DBA RAC Plus	Everything in Toad® for Oracle® DBA Plus Spotlight on Oracle® with RAC Option
Toad for Oracle DBA Exadata Plus	Everything in Toad® for Oracle® DBA RAC Plus – Includes Exadata Spotlight on Oracle® with RAC and Exadata Options

NOTE: All editions are available in an 'AI Enabled' version, which includes everything in the standard edition plus the AI Explain feature to assist with code comprehension. Read more about AI Explain at Toad World.

NOTE: Spotlight on Oracle® includes Spotlight on Unix/Linux, Spotlight on Windows, and Spotlight on Oracle® Data Guard.

NOTE: Ancillary products are not available for all platforms.

Toad for Oracle on Mac

Toad for Oracle is available for Mac. Click hereto download the free trial.

It includes the great, award-winning Toad features you have grown to love with a few limitations:

- There is no installer so setting Toad to be read-only or disable internet access using command-line arguments during installation is not possible
- Scheduling tasks and **Utilities | Task Scheduler** are unavailable
- Quest Auto Update is unavailable
- The edition includes Toad for Oracle; additional Quest products are not included

- Team Coding does not support VCS integration
- Excel Instance and Microsoft Access formats for Export/Import features are unsupported
- Only executables bundled with Toad may be launched (e.g. Toad Script Runner); other external applications and **Utilities | External Tools** are unsupported
- Font choosers may appear to duplicate fonts due to truncation; Courier New, Courier New Baltic, and Courier New Greek, for example, may all show as Courier New
- Toad for Oracle on Mac includes Oracle Instant Client versions 19c and 23c, which cannot be modified or replaced. The Oracle Client provides additional features, such as Kerberos authentication. By default, the application uses a clientless connection method, but you can optionally switch to using the Oracle Client for database connections.
- Connections
    - Direct connect works as usual
    - TNS and LDAP connections work as usual provided the network configuration files (e.g. tnsnames.ora, ldap.ora, and sqlnet.ora) are found on disk in either of these folders:
        - **$TNS_ADMIN**
        - **$ORACLE_HOME/network/admin**
    - If **TNS_ADMIN** and **ORACLE_HOME** are not defined environment variables you may place the network configuration files in a special folder created by Toad upon first launch for this purpose:
        - **~/Library/Application Support/Quest Software/TnsAdmin**

Install

1. Download the Toad for Oracle on Mac package installer
2. Double-click the package installer to install

Uninstall

1. Quit Toad for Oracle
2. Move the app folder to **Trash**
3. Removing the app does not remove Toad for Oracle's configuration files; delete **~/Library/Application Support/Quest Software/Toad for Oracle** for complete removal

For more information about the products in your Toad for Oracle Edition and the minimum system requirements for running these products, see the Toad for Oracle Editions release notes at:
https://support.quest.com/technical-documents

New Features and Enhancements

Toad for Oracle 2025 R3

Installer

- A single installer supports all editions. Toad for Oracle can handle all license types without requiring separate installers for online subscription or offline licenses.

Licensing

- Subscription licenses can be activated directly on your device for offline use.

High DPI and Icons

- Full support for High DPI displays.
- New SVG-based icons improve clarity and refresh the interface design.

AI Code with GitHub Copilot

- AI Code with GitHub Copilot is now generally available to all users with AI-enabled licenses.
- Learn more about AI Code at https://blog.quest.com/product-post/introducing-toad-integration-with-github-copilot/.

Performance Improvements

- Faster application startup.
- Improved responsiveness when switching between maximized windows.
- Significant performance gains in Export DDL, Generate Schema Script, and Compare Schemas when extracting DDL for many objects.
- Export Dataset window opens faster in certain cases.
- Jump Search results are displayed more quickly.

Connections and Login Window

- The **Change Session** button includes sorting options.
- The **Change Session** button includes a menu of recently used connections.
- The **Connect as** property is available for color suggestion rules.
- The **Security** column in the Login window displays **SSH**, **TCPS**, or **Native** values.
- A new **Auto-select last connection** option has been added to the Login window. When disabled, grouped connections appear collapsed when the window opens.
- The Login window displays a warning when multiple `tnsnames.ora` files are found in the search paths.

Workspaces

- Added a **Close Editor without prompts** option when loading a workspace.
- Added a **Show confirmation dialog** option when loading a workspace.
- Workspace-related options have been moved to a secondary dialog.

Connections Toolbar

- Improved visibility with higher contrast for the active button.
- Buttons for encrypted or SSH connections display a lock icon.

Windows Toolbar

- Improved visibility with higher contrast for the active button.

Toolbars

- Added filtering to the Customize dialog on the Commands tab.

Schema Browser

- **Lock Date** and **Expiry Date** timestamps are displayed for users in the right-side overview grid.
- New options allow configuring tab styles (Tabs, Buttons, or Flat Buttons).
- SYS views are shown for databases that are mounted but not opened.
- Favorites tab supports custom sorting by dragging objects when the tree is not sorted by a column.
- Objects can be dragged from other windows (e.g., Object Search or Schema Browser) into the Favorites tab.

- The **Users | Roles** tab includes filtering capabilities.
- The **Unified Audit Policy | Enablement** tab shows success and failure status.

Session Browser

- Added icons to identify blocking and blocked sessions.
- A new **Show SQL** button is available in the Kill Sessions, Disconnect Sessions, and Start Trace dialogs.
- The **Limit** filter includes **Module**, **Action**, and **Client Info** fields.

ADDM/AWR Reports

- Added an option to query CDB views. When disabled, DBA views are used instead.

HTML Database Doc Generator

- Updated visual design.

Datagrids

- The total number of selected rows is displayed when multiple rows are selected.

Export DDL

- Updated visual design.
- Added **Another Schema** as a destination option.

Object Search

- The grid filter is cleared each time the window opens.

Spool SQL

- Added an option to include **OCI Describe** statements (enabled by default).

Toad for Oracle 2025 R2

AI Code with GitHub Copilot Preview

- Toad for Oracle Subscription now supports GitHub Copilot with an AI-enabled license.
- License administrators must enable the AI Code feature for the license and for each user who needs access.
- Requires GitHub Copilot account.
- Read more about AI Code at Toad World.

Toolbars

The default toolbar layout has been streamlined to reduce complexity and highlight the most commonly used features.

Toad for Oracle on Mac

Now includes Oracle Instant Client 23.7 in addition to 19.3.

Accessibility

- Improved screen reader support in:
    - Export Dataset
    - Export DDL
    - Various Editor popup assistants
    - Login and Add/Edit Login Record dialogs
    - Buttons labeled with "..."

Connections

- Error dialogs now display connection details.
- You can now specify wallet location and SSLServerDNMatch for Direct connections.
- The "Containers" submenu in the Connection Bar's context menu is now sorted alphabetically.
- The main "Test Connections" toolbar button opens a dialog to select sessions for test/reconnect.
- Connection colors can be overridden when a specific role is enabled for the session.
- Support added for importing SQL Developer connections.

Schema Browser

- Proxy users can now be displayed bidirectionally.
- Drop object dialogs now show the schema name if it differs from the login schema.
- Quick filters now search favorite folder names.
- New option added to select BLOB/CLOB columns to avoid loading large data via database links. See **Toad Options | Schema Browser | Data Tab | Select BLOB/CLOB columns**
- Improved usage of GDI and User Object resources.

Editor

- Dock layout performance has been improved by creating UI controls only when needed.
- Options added to show deleted and externally modified files with strikethrough and italic text, respectively, in the tab caption (enabled by default). See **Toad Options | Editor | Display**.

Data Grids

Added a "Copy Column Names" option to the context menu.

Describe Window

You can now save the object list without including schema or connection details.

Automation Designer

- Connection errors are now included in the log output.
- The search feature (Ctrl+F) now searches within action property values.
- Added a "Get command line" option to the context menu to generate the command for running the action.

User Interface

- Updated visual appearance for:
    - Data Pump Export
    - Data Pump Import
    - Export DDL
- Directional buttons (Up, Down, Left, Right) are now used consistently across the interface to move items.

Team Coding

New "Show popup on error" option in Team Coding Configuration shows VCS errors in a message box (enabled by default). When disabled, errors appear only in the log.

Export File Browser

Added the ability to export all tables to CSV.

DBMS Output

Added a "Use CLOBs" option (enabled by default). When disabled, VARCHAR2 is used.

Oracle Tuning Advisor

A new "Send to" button lets you send SQL to the Editor, Toad Script Runner, SQL*Plus, or the "Show SQL" window.

Object Compare

New feature added to convert column datatypes using DBMS_REDEFINITION.

Trace File Browser

- Local trace files can now be purged.
- File loading operations can now be canceled.

Object Search

The search text box is now focused when the window opens.

Compare Data

Added "Query" to the list of object types, allowing SQL to be used as a source or target.

FTP

New option added to the Remote System context menu to convert UTC timestamps to the local time zone (enabled by default).

Space Manager

Added the ability to specify grantees during setup.

Triggers

Script generation is now more efficient in the Export DDL, Compare Schemas, and Generate Schema Script windows.

Tablespaces

The Tablespaces administration window now includes a column for BigFile information.

Documentation

All local documentation, except Toad.chm, has been removed. Documentation is now available at https://support.quest.com/toad-for-oracle/technical-documents. In-product links will redirect to this site.

Toad for Oracle 2025 R1

New Windows and Mac Licensing

One license, endless possibilities! Now enjoy seamless support for both Windows and macOS with a single, unified license key.

Note: Requires the purchase of new Win+Mac combo license.

Toad for Oracle on Mac

Toad for Oracle on Mac includes Oracle Instant Client version 19c, which cannot be modified or replaced. The Oracle Client provides additional features, such as Kerberos authentication. By default, the application uses a clientless connection method, but you can optionally switch to using the Oracle Client for database connections.

Toad for Oracle 2024 R2

Product Version

Toad for Oracle now uses a product version corresponding to the year of release, e.g **2024 R2** for the second release in 2024.

Toad for Oracle Subscription Editions

All Subscription Editions are available in an 'AI Enabled' version, which includes everything in the standard edition plus the AI Explain feature to assist with code comprehension. Read more about AI Explain at Toad World.

Oracle 23ai Support

- SQL Firewall (**Database menu | Administer | SQL Firewall**) **Note:** Requires DB Admin module
- Tablespace Shrink
- Logical Partition Tracking
- Open pluggable databases in hybrid read-only mode
- Hybrid partitioned tables with interval and auto list partitioning
- Rename LOBs without moving them
- Concurrent refreshes in materialized views
- Read-only users
- Enable/disable dictionary protection
- Individual columns in Unified Audit Policies
- VECTOR datatypes
- VECTOR indexes
- Staging tables
- Create Tablespace window defaults to 'bigfile'

Accessibility

- Improved keyboard navigation in Toad Options.
- Data Grid context menu activates with F10.
- Editor caret width is configurable (**Toad Options | Editor | Display**).
- Editor shortcut to toggle focus between dock panel and edit area (F6) is now customizable (**Toad Options | Toolbars/Menus | Shortcuts**).
- A new 'Focus Toolbars' feature has been added to the Window menu, enabling you to highlight and interact with a specific toolbar. You can navigate through toolbar buttons using the TAB key and activate them with ENTER. This feature can also be accessed via the customizable shortcut Ctrl+` (**Toad Options | Toolbars/Menus | Shortcuts**).
- A 'Docked Panels' feature has been added to the Window menu, allowing you to highlight a specific docked panel.
- Improved keyboard navigation in the 'Add Multiple Logins' and 'Edit Login' windows available from the database login window.

Schema Browser

- The roles filter now includes an option to exclude roles managed by Oracle.
- The 'Drop Index' confirmation dialog includes an option to drop any constraints that would otherwise prevent the index from being dropped, avoiding the ORA-02429 error. If selected, both the constraint and the index will be dropped.
- Custom queries and filters can be saved globally for a specific table name (**Toad Options | Schema Browser | Data**).
- The 'Data' tab filter utilizes the date format set in the options (**Toad Options | Data Grids | Data**).
- The base and log tables for Materialized View Logs are displayed on the 'Info' tab.
- Introduced the option to enable or disable Unified Audit Policies.
- Introduced icons to indicate whether Unified Audit Policies are enabled.

Editor

- Advanced options have been added to control editor rendering, enhancing appearance on high-DPI displays (**Toad Options | Editor | Behavior**).
- Shift + Right-clicking on a database object name displays the Schema Browser context menu.
- An option has been added to collapse all regions at any level when using 'Fold All' (**Toad Options | Editor | Behavior**).
- Single Record View displays the table name.

Connections

- An option has been added to disconnect after a specified period of inactivity (**Toad Options | Oracle | Connections**).
- A connection timeout option has been added to abandon slow connection attempts (**Toad Options | Oracle | Connections**). Applies to clientless connections only.

Data Grids

- Improved appearance on high-DPI displays.
- Rearranged the context menu to make the most frequently used feature easier to access.

Describe Window

- Introduced a refresh button.

SGA Trace/Optimization

- Renamed to 'Shared Pool Browser.'
- Individual statements can be purged from the shared pool.

Connection Colors

- Introduced a 'Suggest' feature to recommend a color based on user-defined rules.

Session Browser

- Introduced 'Styles' to the context menu of the 'Sessions' tab grid.

Font Dialog

- The font chooser dialog can be filtered and will retain your recent selections.

Create Constraint

- A warning is displayed if you are about to create a circular foreign key constraint.

Automation Designer

- Enhanced the placement of actions when double-clicking in the palette.

Code Insight

- An option has been added to filter by 'Contains text' or 'Starts with text' (**Toad Options | Editor | Code Assist**).

DB Health Scan

- Informational and statistical items no longer contribute to the pass/fail status.
- Failures are now reported as the count of failed checks instead of the total number of failures.

Compare Schemas

- 'ALTER TYPE' is utilized, when feasible, to synchronize types and prevent errors associated with 'CREATE OR REPLACE TYPE' when dependencies are present.

Compare Databases

- Introduced a preview panel.

Manage User Settings

- Introduced the ability to restore individual settings from backup.

Workspaces

- Introduced a 'Cancel' button to halt workspace loading.

Master-Detail Browser

- Added "Current Schema" option to make configuration files portable across different schemas with the same tables.

Project Manager

- A filter has been added to refine nodes.

Explain Plan

- Additional 'Copy to Clipboard' actions have been added to copy content as an image or XML.

Team Coding

- Introduced a 'Locked By' field in both the Schema Browser and the Editor.
- Introduced an option to designate either the operating system username or the database login username as the lock user.

utPLSQL

- Introduced support for utPLSQL 3.14.

You can find the most up-to-date list of new features for this release in the *Toad for Oracle Release Notes* found at: https://support.quest.com/toad-for-oracle/technical-documents.

Resolved issues

The following is a list of issues addressed and enhancements implemented in this release of Toad for Oracle.

Toad for Oracle 2025 R3

The following list of resolved issues includes issues received from the Toad for Oracle forum, Toad Beta users, and exception data collected from the Toad Improvement Program.

Issue ID	Link to Forum Post	Resolved Issue
TOR-8677	link	Editor: The bookmark margin is hidden after changing the Editor's Drawing Style option.
TOR-9129	link	Datagrid: Grouped values shown in scientific notation
TOR-9333	link	Export DDL: Can't specify sequence options when exporting tables
TOR-9334		Export DDL and Generate Schema Script: Export is very slow when thousands of objects are being exported
TOR-9336	link	Data Grids: Color scheme lost after opening options window
TOR-9339	link	Export DDL: Foreign Key constraints create 2 files
TOR-9349	link	Color Schemes: Popup message from Login window's security icon is hard in dark schemes because of poor color contrast
TOR-9350		Formatter: Leading comments move far to the right when formatting a text selection.
TOR-9380		Subscription: A "901:id_token is missing..." error occurs on startup after upgrading Toad for Oracle Subscription.
TOR-9382	link	Connections Bar: "Set Container" command does not get passed to background query sessions
TOR-9394	link	Execute Procedure: (CURSOR) popup dialog stays on top of all other windows
TOR-9395	link	Editor: Set Parameters dialog anonymous block has incorrect datatype
TOR-9397	link	Editor: Set Parameters dialog's "Save/restore settings as default" causing incorrect anonymous block code in some cases

Issue ID	Link to Forum Post	Resolved Issue
TOR-9398		Editor: An "Access is denied" exception is shown when changing the active Editor tab if JavaScript is disabled.
TOR-9404	link	Editor: File loaded from OneDrive is shown as Externally Modified
TOR-9414	link	Compare Schemas: Trigger validity incorrectly flagged as a difference when comparing database version 12c or newer against pre-12c.
TOR-9416		Editor: An "Unspecified error" exception is shown when changing the active Editor tab.
TOR-9429	link	Editor: Execute via SQL*Plus doesn't follow relative paths in script
TOR-9449	link	Team Coding: "Set define off" DDL option not working
TOR-9451		SQL*Loader: Can't connect when called from Toad if password contains '@'
TOR-9455	link	Connections: Multiple "alter session" commands can be configured in options, but only one is run
TOR-9456	link	Data Compare: False differences sometimes shown if source and target databases have different NLS_SORT value
TOR-9470	link	Editor: Query timing inconsistent with Spool SQL output
TOR-9474	link	Automation Designer: Script action shows 45925 days as elapsed time
TOR-9539	link	Export Dataset: SQL error when window opens if exporting from grid with Database Link to non-Oracle database
TOR-9540		Export DDL: Application Roles not extracted correctly in Oracle version 23ai.
TOR-9548		Login Window: Grid fails to select last used connection when multiple group levels exist
TOR-9555	link	Export Dataset: Multiple parameters not passed to source SQL file
TOR-9566	link	Automation Designer: Export DDL fails with "Directory does not exist was was not created", even though it creates directory
TOR-9568		Workspaces: Editor connected to wrong DB after connection failure while loading workspace
TOR-9572	link	Editor: 'dpMessages has no parent window' error sometimes occurs after dragging messages panel to a different location
TOR-9589		Workspaces: Encoding not restored in Editor tabs with database objects, leading to access violation when Editor auto-backup runs
TOR-9591	link	Single Column Export: Prior output folders and extensions not remembered
TOR-9711	link	Editor: Can't close after connection lost if package checked out in Team Coding

Toad for Oracle 2025 R2

The following list of resolved issues includes issues received from the Toad for Oracle forum, Toad Beta users, and exception data collected from the Toad Improvement Program.

Issue ID	Link to Forum Post	Resolved Issue
TOR-5157	link	Display Scaling: Tooltips/hints shown in the wrong location in a multiple monitor environment with differing resolutions.
TOR-7140	link	Workspaces: When auto-loading a workspace fails, the workspace is saved in its partially loaded state.
TOR-8203	link	Compare Databases: Profile differences are shown incorrectly.
TOR-8530	link	Connections: "Net: error 99" error is shown is a TYPE is modified in between uses within a SELECT.
TOR-8625	link	Workspaces: Editor tab shows that a file is both deleted and modified if it was temporarily unavailable when the workspace was loaded.
TOR-8633	link	Single Record Viewer: Fields are not wide enough to show TIMESTAMP data.
TOR-8665		Compare Files: When a comparison is shown as a result of a Compare Schemas the Run button's hint is "Reload and recompare files" which is misleading.
TOR-8667	link	New Version Dialog: A date/time conversion error is shown in the new version dialog when a new version of Toad has been released.
TOR-8678	link	Editor: An Access Violation occurs when changing the active session in some cases.
TOR-8693	link	Editor: An Access Violation occurs when opening the Editor when the desktop layout has been customized.
TOR-8694	link	Connections: If a connection fails, Toad attempts to open an HTML document in your default text editor.
TOR-8703	link	Object Palette: The columns panel does not remember its height between showings.
TOR-8741	link	Connections: The Window Bar does not group connections correctly when multiple connections are made to the same user@db.
TOR-8744	link	Instance Manager: Ping fails when a TNS entry uses 'localhost', and the database test does not continue after the ping fails.
TOR-8746	link	Team Coding: The lock status may be incorrect if Toad was previously closed while objects were still checked out.

Issue ID	Link to Forum Post	Resolved Issue
TOR-8747		Workspaces: Workspaces fail to load with a "data error" in some environments, e.g. Chinese.
TOR-8850		Team Coding: An object can be dropped even when Team Coding is configured for Git and the user is not logged in.
TOR-8857		Connections: A "cannot open file" error occurs in clientless connection mode when WALLET_LOCATION is set to a path enclosed in double quotes.
TOR-8875	link	Editor: The Find Unused Variables feature incorrectly flags used variables in TRIGGER DDL statements.
TOR-8882	link	Team Coding: Differences cannot be merged if the local package spec file contains a synonym statement.
TOR-8889		Compare Schemas: The "Convert datatypes with DBMS_REDEFINITION" option does not work unless "Add/Reorder columns with DBMS_ REDEFINTION" option is also used.
TOR-8892		Scripts: Toad generates an incorrect script for XML indexes.
TOR-8893		Compare Schemas: Toad generates an incorrect sync script for XML indexes.
TOR-8895		Schema Browser: The "Configure" option is missing from the object type right-click menu when all but one type are set to hidden.
TOR-8898	link	Schema Browser: Scheduled run times for scheduler jobs are sorted as strings instead of as dates.
TOR-8904	link	Generate Schema Script: It's not possible to export a subset of constraint types; all constraints must be selected to generate the script.
TOR-8931	link	Script Execution: Newlines in the script output differ from those produced by SQL*Plus in some cases.
TOR-8932	link	Data Grids: If the connection is made in clientless mode, Access Violations occur when entering numeric data that uses a format different from the one configured in Toad Options.
TOR-8968	link	macOS: Access Violation occurs when viewing formatter options in Toad Options, preventing any changes to the settings.
TOR-9002	link	Editor: When the "Set modified flag off after compiling from database" option is enabled, edits made after compiling PL/SQL with errors do not update the tab caption to indicate the text is modified.
TOR-9039	link	DBMS Output: An ORA-03120 error is raised when fetching output in some cases.
TOR-9113	link	Alter Datafile: When setting the size using a decimal value (e.g., 1.5 GB), Toad briefly displays the incorrect unit (e.g., 1.5 MB) after clicking OK.
TOR-9119	link	Team Coding: Reverting a checked-out table to its VCS version silently drops

Issue ID	Link to Forum Post	Resolved Issue
		and recreates the table, resulting in unexpected data loss, without warning.
TOR-9124	link	Automation Designer: The Connection Iterator action passes the connection only to its immediate child actions; deeper nested actions use the first connection instead.
TOR-9125		macOS: On first run, a "Cannot update client files" error, and possibly others, may appear in certain cases.
TOR-9131	link	Connections: An Access Violation occurs when a connection fails and the TNS record is located in a file referenced through an IFILE directive.
TOR-9142	link	Schema Browser: Subpartitions of hash partitions are unsupported in the Script tab and Create/Alter Table windows.
TOR-9157	link	Automation Designer: If a connection fails, an error dialog is displayed but does not include any connection details.
TOR-9173		Code Insight: Exception declarations are not shown.
TOR-9237		Connections: Connection to mounted, but not opened database results in errors.
TOR-9307		Document Recovery: After a crash, Toad displays the Recover Documents window; however, if a second crash occurs, Toad does not prompt to recover documents on the next restart.
TOR-9315	link	Alter Tablespace: When the window opens, the General tab briefly appears before automatically switching to the Files tab.

Toad for Oracle 2024 R2

The following list of resolved issues includes issues received from the Toad for Oracle forum, Toad Beta users, and exception data collected from the Toad Improvement Program.

Issue ID	Link to Forum Post	Resolved Issue
TOR-5153	link	Editor: Wrong desktop is assigned after reordering tabs.
TOR-6187	link	Code Insight: Join conditions based on referential integrity are not shown.
TOR-6446	link	Editor: 'Load object at caret' does not respect the option to load package/type spec and body as a pair.
TOR-7853	link	Connections: "Net: Invalid input arguments" error upon connecting to some databases in clientless mode.
TOR-8187		Debugger: Stepping into Java Source throws an error.

Issue ID	Link to Forum Post	Resolved Issue
TOR-8188		Extract DDL: Table scripts exclude the object_table_substitution clause.
TOR-8194		Schema Browser: Create user script excludes private synonyms if the script is generated for multiple, selected users.
TOR-8196	link	Compare Schemas: REVOKE ROLE command appears before its comment in the sync script.
TOR-8205		Session Browser: Refreshing the page results in a brief flicker before the data fully loads.
TOR-8206		Schema Browser: ORA-01009 error is raised when selecting the SYSTEM tablespace.
TOR-8216	link	Add Login Record: TNS dropdown only populates when TNS_ADMIN environment variable is defined.
TOR-8232		Schema Browser: Script tab for object table excludes NOT NULL constraints.
TOR-8233	link	Editor: EDIT command generates a read-only grid when the "OCI Array Buffer Size" option is set to "Manual".
TOR-8245	link	Editor: Inline parameter assistance cancels and leaves artifacts when clicking elsewhere in the Editor while the assistance is showing.
TOR-8247	link	Automation Designer: Export Dataset action shows "Parameters are out of sync" message in some cases.
TOR-8299		Command Line: Running Toad.exe with the "-c" option to make a connection does not work if Toad is running and the "Allow multiple copies of Toad" option is unchecked.
TOR-8303	link	Editor: Filename paths shown as tab hints stop working in some cases.
TOR-8305		Object Compare: The sync script tab is missing when comparing objects with identical schema and object names across two connections.
TOR-8314		Connections: An access violation occurs when connecting to a schema having an expired password if no Oracle clients are installed.
TOR-8330	link	Editor: Character and caret misplacement when using Windows scaling other than 100% with some font and size combinations, e.g. Consolas 14 pt and others.
TOR-8331		Team Coding: Getting the latest revision fails if the character case of the file extension differs between the local and remote files.
TOR-8334		Database Browser: A "Password not supplied" error occurs when connecting as an externally authenticated user.
TOR-8335		Toolbars: The Window menu identifies the incorrect window as active in some cases.

Issue ID	Link to Forum Post	Resolved Issue
TOR-8336		SQL Recall: Statements dragged to the Editor are missing the statement terminator.
TOR-8337		Login Window: The LDAP dropdown does not populate after unchecking "Connect using Oracle client".
TOR-8338		Session Browser: The splitter position is incorrect when using the left/right layout and switching to another window.
TOR-8382		Database Health Check: An error is shown when the "list segments which can't extend" option is used and there are tablespaces which cannot extend.
TOR-8387		DBMS Output: Fetching output results in an ORA-02005 error with some clients.
TOR-8390	link	Editor: The EDIT command occasionally triggers an unexpected ORA-00904 error.
TOR-8396	link	Automation Designer: The Export Dataset action fails to replace substitution variables if there are comments or trailing whitespace on lines preceding them.
TOR-8414		Editor: In some cases Toad hangs when selecting text when the Brace Highlighting option is set to 'Innermost pair in scope'
TOR-8417		Team Coding: Files with special characters in their filenames are not displayed in the Team Coding Manager's list of VCS files.
TOR-8437	link	macOS: Toad on macOS will not start with some locale settings, e.g. Korean.
TOR-8445	link	Data Grid: Object Editor shows incorrect columns and throws an Access Violation after scrolling in some cases.
TOR-8463		SFTP: Connecting with a private key that was created with a passphrase results in a "Logon failed 280: Error decoding key: The specified password is not correct" error.
TOR-8477		Compare Data: A "Cannot insert null" error is thrown in some cases.
TOR-8478		Schema Browser: An error occurs when expanding Unified Audit Policies in treeview mode.
TOR-8496		Report Editor: Buttons on the vertical toolbar in the FastReport Editor will disappear after mousing over them on Windows Server.
TOR-8497		Editor: Selecting text and replacing all occurrences of it using the Find & Replace dialog with the "from cursor" option excludes the selected text.
TOR-8499	link	Export DDL: Table scripts are incorrect with respect to automatic and interval partitions when the "Storage Objects | Partitions" option is set to ALL or DEFAULT/MAXVALUE.
TOR-8521	link	Data Grids: The '...' button to choose a filename is disabled in the Export Dataset dialog when the Output selection is changed from Clipboard to File.

You can find the most up-to-date list of resolved issues for this release in the *Toad for Oracle Release Notes* found at: https://support.quest.com/toad-for-oracle/technical-documents.

Known issues

The following is a list of issues, including those attributed to third-party products, known to exist in this release line at the time of the current release.

General known issues

Known Issue	Issue ID
Toad's help cannot be opened from an installation path that contains Unicode characters.	72966
If you check "Indexes" on the Scripts tab for snapshots, then the primary key for the snapshot will be included in the script, even though the CREATE MATERIALIZED VIEW statement implicitly creates this primary key. Toad currently does not differentiate between indexes created explicitly on the snapshot and indexes created automatically when the snapshot is created. *Workaround:* If you are running the generated script to recreate the snapshot, then you can simply ignore the error that occurs when the script tries to recreate the primary key index for the snapshot. If you do not normally create indexes on snapshots, then you can uncheck "Indexes" when generating the snapshot script.	N/A
If you use 11g Oracle ODP.NET client or any other client that does not have the oci.dll in the BIN directory, Toad has the following problems: 1. Client shows as invalid 2. Client version is not detected 3. As a result of #2, columns of the following datatypes are not shown in the Schema Browser table data: CLOB, BLOB, NCLOB, XMLTYPE, TIMESTAMP, INTERVAL, BINARY_DOUBLE, and BINARY_FLOAT	N/A
Debugger If there is an exception during debugging on a 10Gr2 or greater database, REFCURSOR output and DBMS output will not be available when debugging is completed. This is due to the target session not being available. *Workaround*: To see REFCURSOR output and DBMS output, execute the procedure without the debugger.	N/A
Connections While Toad supports LDAP connectivity, some features of Toad depend on tnsnames.ora file to operate correctly, such as Toad Script Runner (TSR).	N/A

Known Issue	Issue ID
Schema Browser Sometimes after pressing "Compile invalid objects", you may get ORA-20000, ORA-06512, or ORA-06512 errors. This could mean that you do not have the privileges to compile the object, but it also happens when the schema contains a package body that does not have an associated spec. *Workaround:* Look in the schema that you are trying to compile to see whether there are any orphan package bodies. If it is your own schema, then do:select * from user_objects o1 where object_type = "PACKAGE BODY" and not exists (select "x" from user_objects o2 where o2.object_name = o1.object_name and o2.object_type = "PACKAGE") Then drop any orphan package bodies that are found.	N/A
Virtualization An access violation error may display when you close Toad in a Citrix XenApp environment.	76354
Import/Export Constraint scripts from Export DDL do not contain the "using index" or "tablespace" clause.	59228
Auto Update The Auto Update feature, which automatically downloads and notifies you of product updates, is not available in the 32-bit edition of Toad for Oracle. *Workaround*: Visit the Quest Support Portal to download product updates.	N/A

Oracle client known issues

Known Issue	Issue ID
In some cases, connecting to an 11g database using a 19c or 21c client may result in a hang when cancelling a query or when using Code Insight. *Workaround:* Use an 18c or older client when connecting to an affected database.	N/A
All versions of Oracle client 19c leak memory when working with LOB types. This includes simple SELECT statements against a table containing LOB types.	N/A

Proxy server known issues

Known Issue	Issue ID
Toad does not support Proxy Automatic Configuration (PAC) scripts; however, Toad does allow you to specify Quest-specific proxy settings to work around this limitation. By default Toad will use non-PAC proxy settings configured within Windows automatically. **Apply settings system-wide:** HKEY_LOCAL_MACHINE\Software\Quest Software\Internet Settings:	72966

Known Issue	Issue ID

- ProxyEnable (DWORD): 1 = enable proxy override at this level, 0 = don't enable proxy override at this level
- ProxyServer (string): semicolon-delimited "<protocol>=<server>:<port>" entries
    - For a shared proxy server across multiple protocols:
        - a single "<server>:<port>" entry is all that's needed (ex: "127.0.0.1:8888")
    - For individual proxy servers by protocol, specify multiple entries:
        - ex: "https=127.0.0.1:8888;http=127.0.0.1:8080;ftp=127.0.0.1:6300"

For 32-bit applications on a 64-bit machine:

- Key: HKEY_LOCAL_MACHINE\Software\WOW6432Node\Quest Software\Internet Settings:

Apply settings to your own account:

HKEY_CURRENT_USER\Software\Quest Software\Internet Settings:

- Same keys as above

Notes for use:

1. Override proxy settings will only be included if the corresponding ProxyEnable value is set to "1". Otherwise, it's ignored.
2. HKLM (system-wide) server settings will override Windows settings.
3. HKCU (local) server settings will override HKLM and Windows settings.
4. Users can also edit both the system proxy settings (existing in Toad 14.0) and now their user-specific proxy settings (from HKCU) within Toad's Proxy Settings dialog (View | Options | Online); however, system-wide settings (from HKLM) will not be editable inside of Toad since they're more for administrators in silent installs or system-wide configs.

Data Grids known issues

Known Issue	Issue ID
You may receive an "ORA-00902 invalid datatype" error when editing an object, nested table, or varray data if you have redefined the data type for that data during the current session. *Workaround:* If you redefine an object type, nested table, or varray and then need to edit data in a table based on that type, end your current connection and begin a new one.	N/A
Full table data is not displaying in the live data grid (results from F9) if the data contains "zero" characers (ACII 0). In this case, all data after the zero character will not show in the grid. *Workaround*: Double click on the data cell in the data grid to view full contents of data in a popup editor.	

Code Analysis known issues

Known Issue	Issue ID
Saving results to a database: When dealing with nested procedures, Code Analysis can only insert run data from procs one level deep.	N/A
Saving PL/SQL results to a database may fail or save invalid data to the database for invalid PL/SQL objects. *Workaround:* To ensure PL/SQL results are saved to the database correctly, verify the validity of all objects before running Code Analysis.	N/A

Editor known issues

Known Issue	Issue ID
Toad errors when you query on a field of Oracle collection types. *Workaround:* Execute using SQL*Plus.	64373
When spooling to an unpinned output window, the window becomes unresponsive and errors are given when Toad is closed ("Canvas does not allow drawing"). *Workaround:* Keep the output window pinned.	68523

Session Browser known issues

Known Issue	Issue ID
The Program name in the Session Browser may be blank or may be the full path to the executable instead of just the executable name. This depends on the Oracle client, not on Toad.	N/A
In RAC databases, version 10.1.0.3 (and possibly other 10.1 versions), the query used to populate the "Current Statement" in the Session Browser fails with the following error: Runtime error occurred: 12801 (ORA-12801: error signaled in parallel query server PZ99, instance <instance name> ORA-01008: not all variables bound) This problem does not occur in Non-RAC environments. *Workaround:* Clear the "Use RAC Views" checkbox, and log into the appropriate instance of the database, if necessary.	N/A

Team Coding known issues

Known Issue	Issue ID
Creating a new revision or attempting to force a check-in to Visual Studio Team Services may result in a "404: Not Found" error. The current version of Team Foundation Server used by Visual	N/A

Known Issue	Issue ID
Studio Team Services compares the source being uploaded with the source already in the repository. If the source has not changed, it may incorrectly return an error rather than allowing the forced revision. This appears to be a Microsoft issue. As a result, these two commands may fail.	
When using the Team Foundation Server internal client and Team Foundation Server 2012 or 2013 alternate Team Project Collections, workspaces created outside of Toad are not visible from within Toad. A workspace may be created from Toad by clicking the 'New' button during the Team Foundation Server log in. This is not an issue when using the Team Foundation Server external client.	**114334**
Team Coding is disabled for mixed-case object names.	N/A
With CVS, Toad may fail to retrieve the list of projects for you to select from in the CVS browser or in the Code Control Groups configuration. *Workaround:* See "Missing CVS\Entries File Error" in the online help.	N/A
Team Coding and Clearcase: Dynamic Views are not supported via SCC interface. Snapshot Views must be used instead. (Rational case ID v0830629, Rational Defect # CMBU00053934)	N/A

Unicode known issues

Known Issue	Issue ID
The following features in Toad do not support Unicode: • ASM Manager • Export File Browser • Hex Editor In addition, Java itself does not allow Unicode class names or file names. This is relevant to the Java Manager, Editor, and Schema Browser.	N/A
Editor options to highlight object names may not work for object names that contain Unicode characters.	N/A
Script Execution in Editor: Error offset can be incorrect when running scripts with multi-byte object names.	N/A
XML (Plain) format creates bad XML if Unicode string values and Unicode column names are exported through Export Dataset.	N/A
Import mapping for Unicode characters is incorrect if the characters are not a fixed width (such as Korean).	63221
In Team Coding, objects with Unicode *contents* are supported, objects with Unicode *names* are not. Supported Version Control Providers do not support Unicode names.	N/A
The OCI option ORA_NCHAR_LITERAL_REPLACE affects the NCHAR String Literal Replacement behavior when connected to non-Unicode databases. The option can be enabled or disabled. See the "Enable ORA_NCHAR_LITERAL_REPLACE" option (View | Options | Oracle |	N/A

Known Issue	Issue ID
General). The option has adverse behavior regardless of its value. • **Enabled** - ORA-01756 error when executing SQL using the Q-quote operator where the end delimiter appears within the string literal and is followed by a single quote that is also part of the string literal. The single quote does not have to immediately follow the delimiter. • **Disabled** - NCHAR string literal corruption when connected to non-Unicode database.	

High DPI known issues

Known Issue	Issue ID

NOTE: The following known issues occur only when the **Application DPI Awareness** option is disabled in **Toad Options | General**. This option is enabled by default.
 	
Changing the default Editor font when Windows high DPI settings are in use, i.e. scaling greater than 100%, may result in negative effects, including:
• Character misplacement
• Disproportionate spacing
• Text selection visualization not aligning with character boundaries
• Incorrect text edits when modifying text using a block selection
 	
Advanced options for controlling Editor rendering have been introduced in Toad for Oracle 2024 R2 to help alleviate these issues. See the **Editor | Behavior** page in Toad Options.
• Drawing technology
  • Controls which drawing API is used to render text and other elements.
  • Default technology makes Toad susceptible to high DPI issues, but it may allow for sharper text on 4k and other Ultra HD (UHD) displays.
  • DirectWrite technology resolves high DPI issues and may allow for sharper text on displays less than 4k, but on 4k/UHD displays text may appear fuzzy.
  • DirectWrite technology must be used to enable font ligatures in supporting fonts, e.g. Fira Code.
• Buffered draw
  • Controls whether drawing is buffered by first drawing to a bitmap rather than directly to the screen and then copying the bitmap to the screen.
  • Buffered drawing avoids flickering but does take longer.
  • Enabling this option is recommended.
	N/A

Known Issue	Issue ID

• Font quality
  • Controls which anti-aliasing method is used to render text.
  • LCD Optimized is recommended based on internal tests on different displays.
 	
If you see high DPI issues and wish to use the Default technology, there are a few workarounds:
• Enable the **Application DPI Awareness** option in **Toad Options | General**.
• Choose a font that is not susceptible to the issues.
  • The following table lists popular coding fonts and sizes. Combinations that work well are identified by a check mark.	

Size	Cascadia Code	Consolas	Courier New	Fira Code	JetBrains Mono	Source Code Pro
5	✓	✓	✓		✓	✓
6			✓		✓	✓
7	✓	✓				
8		✓		✓		
9	✓		✓		✓	✓
10		✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓	✓
12		✓		✓		
14	✓					
16				✓		
18	✓	✓		✓		
20	✓	✓	✓		✓	✓

- Change the high DPI settings for Toad.exe from the Compatibility tab of the file's properties dialog to override the high DPI scaling behavior and set its value to Application.
  - On some displays this setting causes some UI elements to scale incorrectly and may need to be reverted.
- Use 100% scaling in Windows.

Toolbars (Affects Windows Server 2019 only) Toolbar button images may disappear when you mouse over them if the "High DPI scaling override" option is set to "System (Enhanced)" in the Windows file properties dialog for Toad.exe.	N/A

Toad for Oracle on Mac known issues

Known Issue	Issue ID
The "Allow multiple copies of Toad to be loaded" option is nonfunctional. The option allows multiple copies of Toad to be opened on Windows, but does not work on macOS. The option has been disabled. *Workaround*: Review macOS documentation for instructions on how to open a new instance of an app on Mac.	N/A
The "File | Fast Exit" feature is unavailable.	N/A
The Quit menu item from Apple's Toad for Oracle menu is nonfunctional if an Editor is open.	N/A
Editor is slow to open if CAPS lock is enabled. *Workaround*: Turn off CAPS lock before opening Editor.	N/A
Bold text and other UI painting issues after installing Team Coding database objects. *Workaround*: Restart Toad.	N/A
TNSPING is unavailable in the Login window. It is available in Toad for Oracle on Windows.	N/A

Third-party known issues

Known Issue	Issue ID
Help (Affects the 64-bit version of Toad only) If IE9 is installed, clicking a link in the Help file may crash Toad 64-bit, even if IE9 is not the default browser. *Workaround*: Users who have IE9 installed can open Help from outside of Toad.	N/A

System requirements

This section contains the hardware, software, and privileges required to run Toad for Oracle, as well as the database and virtual environments that Toad for Oracle supports.

Hardware requirements

Requirement	Details
Processor	• 1 GHz processor - Toad for Oracle 32/64 bit • Apple Silicon (M-series processors) - Toad for Oracle on Mac
Memory	• 1 GB RAM - Toad for Oracle 32 bit • 2 GB RAM - Toad for Oracle 64 bit • 2 GB RAM - Toad for Oracle on Mac **NOTE:** The memory required may vary based on the following: • Applications that are running on your system • Size and complexity of the database • Amount of database activity • Number of concurrent users accessing the database
Hard disk space	• 600 MB - Toad for Oracle 32/64 bit • 2 GB - Toad for Oracle on Mac
Operating system	• Windows 10 • Windows 11 • Windows Server 2016 • Windows Server 2019 • Windows Server 2022 • Windows Server 2025 • macOS 11 • macOS 12 • macOS 13 • macOS 14

Requirement	Details
	• macOS 15 • macOS 26

Database requirements

Requirement	Details
Database client	An Oracle client is optional. Connecting to a database without an Oracle client has the following considerations: • Features requiring Oracle utilities will be unavailable including, but not limited to: SQL*Plus, Data Pumps, Import/Export Utilities, SQL Loader, TKProf, TNSPing, Wrap. • Oracle Net Services configuration files are required for some connection methods, e.g. TNS requires tnsnames.ora and LDAP requires both ldap.ora and sqlnet.ora. These files may be placed in the folder specified by your TNS_ADMIN environment variable or in the same folder as Toad.exe. The following Oracle clients are supported: • Oracle Client or Instant Client 10.2.0.5 • Oracle Client or Instant Client 11.2.0.1/11.2.0.3 • Oracle Client or Instant Client 12c Release 1 and 2 • Oracle Client or Instant Client 18c • Oracle Client or Instant Client 19c • Oracle Client or Instant Client 21c • Oracle Client or Instant Client 23c/23ai **NOTE:** The client's architecture (32-bit or 64-bit) must match that of Toad.
Database server	**Oracle versions:** • 10g Release 2 • 11g Release 1 and 2 • 12c Release 1 and 2 • 18c • 19c • 21c • 23c/23ai • 25ai (Exadata System Software)

Requirement	Details
	IMPORTANT: It is recommended that your client version be of the same release (or later) as your database server. This is an Oracle recommendation to prevent performance issues.
Cloud database service	Oracle Database as a Service on Amazon EC2 and Oracle Cloud

Network

- Internet Protocol Version 6 (IPv6) is being adopted by the US Federal Government and industries around the world. In its most basic format, the new protocol uses 128-bit addresses instead of 32-bit addresses, which are used by the current IPv4 to route packets over the Internet. Toad for Oracle features, such as FTP, access the Internet through third-party vendors that are IPv6 compliant, such as /nSoftware's IP*Works. For access to Web sites by way of the Toad Online window, Toad simply invokes the user-defined or default Web browser.
- Toad for Oracle Subscription licenses require the user to sign in when using the product. This enables the product to verify the user's identity and to check that they are entitled to use the subscription. To complete this entitlement check internet access is required to connect to Quest Software's Licensing Servers.
- Toad for Oracle on Windows 64-bit includes Quest Auto Update, a service that periodically checks for and delivers product updates. Quest Auto Update requires internet access and must be able to reach the cloud service at https://autoupdate.toadworld.com.

Additional requirements

Requirement	Details
Additional Software	• Microsoft Office 2016 and recent earlier releases are supported for Word and Excel output. • Microsoft .NET Framework 4.8 or newer to support the Toad for Oracle Edition Installer.

Virtualization support

Type	Details
Application virtualization	Citrix® XenApp
Desktop virtualization (VDI)	vWorkspace™ 7.0 has been tested.
Server virtualization	Oracle VM 3.1 has been tested. VMware ESX Server 3.5, 4.0, and 5.5 have been tested.

NOTE: Toad may work in virtualization environments other than the ones listed.

Windows Privileges

In order to install and run Toad, make a connection, and do basic operations, you must have the following privileges.

Operating System	Requirements
Windows non-Server Windows Server	• Read access to the Oracle client folder • Read/write privileges on the Oracle Home directories that you use for your connections
NOTE: Toad for Oracle on Windows 64-bit includes Quest Auto Update, a service that periodically checks for and delivers product updates. Installation requires administrator privileges.	
NOTE: Other functionality in Toad may require additional privileges.	

Product licensing

Trial licensing

A free 30-day trial license is automatically provided to new users after you sign in to Toad for Oracle with your Quest account.

To activate a trial

1. Download and install Toad for Oracle from https://www.quest.com/products/toad-for-oracle/
2. Open Toad and click **Sign In or Start Free Trial** to sign in

   NOTE: You will need to sign up for a Quest account if you do not have one.

To purchase a commercial license

1. Click **Buy Now** on the trial banner displayed at the top of Toad
2. Select the edition that is right for you and complete your purchase using the same email address used for your Quest account
3. After receiving your purchased license, open **Help | Licensing** and click **Refresh**

Subscription licensing

Open Toad and select **Sign In or Start Free Trial** to sign in with your Quest account. Any Toad for Oracle subscription licenses associated with your account will be retrieved automatically.

For detailed instructions on license management, including how to activate an online managed license for offline use, see the Licensing Tutorial at https://www.quest.com/video/licensing-tutorial-in-toad-for-oracle.

Offline licensing

You can apply offline license files (.xml) and legacy offline licenses (with a license key and site message) in Toad using the **Help | Licensing** window or from the sign in dialog.

For detailed instructions on license management, see the Licensing Tutorial at https://www.quest.com/video/licensing-tutorial-in-toad-for-oracle.

Getting started with Toad for Oracle

Toad for Oracle is distributed in the Toad for Oracle Editions at https://support.quest.com/download-product-select.

Upgrade and installation instructions

Please refer to the Toad for Oracle *Installation Guide* at https://support.quest.com/technical-documents for installation and upgrade instructions.

Upgrades for Toad for Oracle can install side-by-side with any previous versions you have installed. You can run the new and previous versions concurrently.

The first time you run the new version of Toad, the settings files from the previous version are automatically imported. To start with a clean set of user files, go to **Utilities | Manage User Settings...**, then select **Reset to a clean set of user files from the base installation**.

> **NOTE:** Toad supports importing settings only if the new version is within two releases of the previous version. If your versions are more than two releases apart, you need to install an intermediate version to successfully import the files.

User instructions

To get started with using Toad for Oracle, see the *Guide to Using Toad* at https://support.quest.com/technical-documents. For detailed information about any Toad window or feature, see the online help, which can be accessed from the **Help** menu.

Additional resources

Additional information is available from the Toad for Oracle Community on Toad World:

https://www.toadworld.com/products/toad-for-oracle

Globalization

Global Operation Statement

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release was not enabled and tested for international operation. Only U.S. English configurations of this product and U.S. English datasets are fully supported. Support for non-ASCII characters or non-English configurations may work appropriately, but these configurations have not been tested and this release should be used with caution in these environments.

This release has the following known capabilities or limitations: Toad is a Unicode application. As such, it has support for any Oracle Unicode character set, such as UTF8 or AL32UTF8. There are some features in Toad which use or invoke Oracle Utilities or applications which are not themselves Unicode applications. Their functionality is therefore limited to the character set of the client on which Toad is running, and NLS_LANG must be carefully set to match the Windows character set

We have also observed issues with US7ASCII when used with non Latin characters.

Third-Party Notices

Third-Party Notices

Third-party components included in this product are available from https://support.quest.com/technical-documents/toad-for-oracle.

- For third-party license information, go to https://www.quest.com/legal/license-agreements.aspx.
- For third-party source code, go to https://opensource.quest.com.

If you are unable to access or would like a copy of the third-party licenses emailed to you, please send a request via email to support@quest.com.

About us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation™.

Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece — you — to the community, to the new Quest.

Contacting Quest

For sales or other inquiries, visit www.quest.com/contact.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at https://support.quest.com.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions

- Chat with support engineers online
- View services to assist you with your product

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