

Toad[®] for Oracle 2025 R1

Release Notes

Revised 2/4/2025

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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 Oracle 2025 R1 is a minor release, with enhanced features and functionality.

Toad for Oracle 2025 R1 includes component and requirement upgrades. These upgrades address security vulnerabilities previously identified in the third party component.

About Toad[®] for Oracle[®] Editions

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

Toad for Oracle Subscription

Toad for Oracle is now available with subscription licensing. The benefits of subscription include:

- 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
- [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 ensuring that Toad for Oracle Subscription will be continuously available to users
- Invitations to training events like our Ask Toad and Toad Training Tuesdays series

The following products may be part of your Toad for Oracle Subscription 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

NOTE: 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](#).

The following Toad for Oracle Subscription Editions are available:

Edition	Licensed
Toad for Oracle Base Subscription Edition	Toad [®] for Oracle [®]
Toad for Oracle Professional Subscription Edition	Toad [®] for Oracle [®] Professional
Toad for Oracle Professional DB Admin Subscription Edition	Everything in Toad [®] for Oracle [®] Professional DB Admin Module Add-on Sensitive Data Protection Add-on

Edition	Licensed
Toad for Oracle Xpert Plus Edition	Everything in Toad® for Oracle® Professional DB Admin Edition SQL Optimizer for Oracle®
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: Spotlight on Oracle® includes Spotlight on Unix/Linux, Spotlight on Windows, and Spotlight on Oracle® Data Guard.

Toad for Oracle non-Subscription

Toad for Oracle non-Subscription uses offline term and perpetual licensing. This is Toad for Oracle's legacy licensing model.

The following products may be part of your Toad for Oracle non-Subscription 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 non-Subscription 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 Xpert Edition	Everything in Toad® for Oracle® Professional SQL Optimizer for Oracle®
Toad for Oracle Developer Edition	Everything in Toad® for Oracle® Xpert Code Tester for Oracle® Benchmark Factory® for Databases - Oracle Edition
Toad for Oracle DBA with erwin Edition	Everything in Toad® for Oracle® Developer DB Admin Module Add-on Spotlight on Oracle® Benchmark Factory® for Databases - Oracle Edition erwin Data Modeler Lite for Oracle®
Toad for Oracle DBA RAC with erwin Edition	Everything in Toad® for Oracle® DBA with erwin Spotlight on Oracle® with RAC Option
Toad for Oracle DBA Exadata with erwin Edition	Everything in Toad® for Oracle® DBA RAC with erwin – Includes Exadata Spotlight on Oracle® with RAC and Exadata Options
Toad for Oracle DBA Edition	Everything in Toad® for Oracle® Developer DB Admin Module Add-on Spotlight on Oracle® Benchmark Factory® for Databases - Oracle Edition Toad Data Modeler®
Toad for Oracle DBA RAC Edition	Everything in Toad® for Oracle® DBA Spotlight on Oracle® with RAC Option
Toad for Oracle DBA Exadata Edition	Everything in Toad® for Oracle® DBA RAC – Includes Exadata Spotlight on Oracle® with RAC and Exadata Options

NOTE: The DB Admin Module can be added to any Toad Edition. Spotlight on Oracle® includes Spotlight on Unix/Linux, Spotlight on Windows, and Spotlight on Oracle® Data Guard.

Toad for Oracle on Mac

Toad for Oracle is now available for Mac using a new license specific for macOS. Click [here](#) to 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
- Auto Update is unavailable in the Subscription version
- 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 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.
- 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; only one of these folders will exist depending on your version of Toad:
 - **~/Library/Application Support/Toad for Oracle/TnsAdmin**
 - **~/Library/Application Support/Toad for Oracle Subscription/TnsAdmin**

The following Toad for Oracle on Mac Editions are available:

Edition	Licensed
Toad for Oracle on Mac Professional DB Admin Subscription Edition	Toad® for Oracle® Professional DB Admin Module Add-on Sensitive Data Protection Add-on
Toad for Oracle on Mac Professional DB Admin Edition	Toad® for Oracle® Professional DB Admin Module Add-on

Install

1. Download the Toad for Oracle on Mac zip file
2. Double-click the zip file; macOS will automatically extract it to the current folder
3. Optionally copy the app folder to the **Applications** folder; macOS will prompt you to do so upon first run if run from any other location

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/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 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.

Toad for Oracle 17.1

AI Explain

Using the power of AI, Toad examines your code providing an explanation of its purpose.

Note: AI Explain is available to Toad for Oracle Subscription users. Refer to the [Knowledge Base](#) for instructions on how to enable it. Learn more about AI and Toad at [Toad World](#).

Toad for Oracle on Mac

- Improved Editor and Data Grid fonts
- Toad's File menu is merged into the macOS File menu
- The TNS_ADMIN location is more prominent

IPv6

IPv6 support has been extended to the following features:

- Clientless database connections
- SSH
- S/FTP
- RExec

Connections

- More prominent connection color border on Connection and Window toolbar buttons
- Menu items added to the "Session" menu allow for disconnecting sessions without closing associated windows
 - "Disconnect" and "Disconnect all" will leave the connection toolbar button intact as well as all associated windows, but the underlying session to the database will be terminated
 - "End Connection" in previously releases has been renamed "Close Connection" and functions the same as it always has; the underlying Oracle session is terminated and all associated windows are closed
- Audit and Access banner text is displayed for clientless connections
- Option to allow/prevent access to the SYS.USER\$ table, allowed by default (**View | Toad Options | Oracle | General | "Check for access to SYS.USER\$"**)
- Option to include/exclude "as SYSDBA" in Connection toolbar button caption, shown by default (**View | Toad Options | Toolbars/Menus | Toolbars | "Include 'as SYSDBA'"**)

Automation Designer

- Actions and apps can be disabled to prevent them from running
- Action properties can be modified in bulk
- Generate Schema Script action supports variables in the "Top Level Directory" field
- Generate Schema/Database Script and Compare Schema/Database actions support variables for connections and source/target schemas
- Export Dataset action now executes all statements in a script and exports the results of SELECT statements
- Execute Script action will automatically check ORA error codes added to the list of ignored errors
- Execute Script action property to "Notify on script error" suppresses all errors when unchecked, shown by default
- Email action supports content type (Plain Text or HTML)
- Improved saving of the underlying data file to better support multiple, concurrent running Toad instances

Schema Browser

- Quick filters can be saved per connection
- Ctrl+F in the left side places focus in the "Quick Filter" edit
- Commit/Rollback buttons enable only when in transaction
- Tablespace "Free Space" tab displays storage used by recycle bin
- "Create insert statements for all rows" supports "Data Masking"
- Tablespaces "Objects" tab now has a button to rebuild selected objects allowing you to move them to a new tablespace
- Tablespaces "Add > Datafile" now works across multiple selected tablespaces
- Tables "Indexes" tab has "Created"
- Tables "Stats/Size" tab has "Include indexes" checkbox
- Favorites persists node expansion state
- Some commands have configurable shortcuts (**View | Toad Options | Toolbars/Menus | Shortcuts**)

Compare Schemas

- Comparison includes EDITIONABLE

Data Grids

- Blob preview for PDF, XLSX, DOCX (first page), Text, Image, and Hex
- Customizable context menu

Trace File Browser

- Advice for more wait events
- "Wait Summary" histogram
- The worst performing SQL is highlighted in red
- SQL binds driven by a CURSOR loop are automatically identified
- "File Header" tab added to better organize data previously shown on the "Query Summary" tab
- "Wait Summary" tab includes min/avg column
- Notes can be added to a SQL statement
- "File Preview" includes start/end times, executions, fetches, and parses

Create/Alter Schedule/Scheduler Job

- Buttons for sample start and end times

Script Execution

- Summary grid summarizes the execution/fetch/total times, number of rows, and the SQL of the other data grids

Debugger

- Breakpoints persist between debugging sessions

Workspaces

- Auto Save and Load options are separate

Create Unified Audit Policy

- Added support for CONTAINER=ALL when connected to a root CDB

Toad Script Runner

- Use F2 to toggle full screen edit area
- Connection info shown in title bar matches Toad
- Improved tab navigation with a dropdown arrow to list all tabs

Session Browser

- Start and stop tracing across all database sessions
- Active filter name is displayed in the toolbar

Login Window

- Option checkboxes have been moved to the Settings dropdown menu, e.g. Save Passwords
- TNSPING button returns the output of tnsping.exe verbatim
- Focus is restored to the grid column that was focused when the window was last closed
- Option added to place focus in the grid or right side when opened

Spool SQL

- OCI Describe events are shown

Toolbars

- Close a connection/window by middle clicking on its toolbar button

Create/Alter Datafile

- Add multiple datafiles at once
- Find/Copy now lists the default disk group (ASM)

Tablespace Map

- Display the contents of a single datafile in multi-file tablespaces

Export DDL

- Much faster when exporting multiple objects

Note: The order of statements and number of line breaks may differ when using "One file per schema" or "One file per object type" options

Team Coding

- Improved performance working with multiple objects, e.g. check in/out

Workspaces

- "Save" saves without confirmation
- "Save as" added
- "Delete" and "Rename" options show additional info about the workspace

Toad for Oracle 17.0

Toad for Oracle on Mac

Toad for Oracle Professional DB Admin edition is now available for Mac. Click [here](#) to download the free trial.

Oracle 23c

- Support for new features in Create/Alter windows, generated scripts, and elsewhere as appropriate:
 - ANNOTATIONS
 - Boolean datatypes
 - DEFAULT ON NULL FOR INSERT AND UPDATE
 - DOMAINS
 - IF [NOT] EXISTS
 - JSON-Relational Duality Views
 - PRECHECK Constraints
 - Schema-level privileges

Editor

- Data grids can be pinned allowing for multiple statements to be executed within a single tab without losing the results of the previous execution
- Option added to trim whitespace when saving files
- Improved performance when the Navigator option to "Show references" is unchecked; also applies to the Schema Browser when viewing PL/SQL objects
- Improved performance of parameter assistance for Oracle built-in functions defined within the SYS.STANDARD package, e.g. TO_CHAR()
- Added an option to the Script Output tab that synchronizes the Editor caret position with the active Script Output data grid and vice versa
- Exporting all Script Output data grids to an Excel file now produces a summary sheet
- Old, automatic backups are purged for improved performance
- Option added to enable utPLSQL integration if it is installed; unchecking this option improves performance by eliminating internal queries, but disables all Editor support for utPLSQL test suites

Connections

- SSH connections can be made natively without needing PuTTY or similar
- Clientless connections support TCPS protocol
- Common users having the SET CONTAINER privilege can easily switch between CDB and PDB instances via the Connection Bar context menu

Connection Colors

- An option has been added to fill Toad's title bar with the active connection's color when using a color scheme and connection colors

Trace File Browser

- Improved workflow when loading files from the database server
 - Option to exclude non-SQL trace files
 - Filter by file content, e.g. SQL ID, tablename, or any text that may exist in the trace file
 - Limit files to only those produced within a specified timeframe
 - Option to preview files after retrieval

Object Palette

- Option added to "Show Subobjects" that displays related objects (e.g. table constraints, grants, indexes, triggers, etc.) just like the Schema Browser's "Show LHS Subobjects" feature

Automation Designer

- Improved Action palette
- Export Dataset action can pass variables to SQL files as parameters

Data Grids

- Columns can be sorted even when the query contains an ORDER BY clause
- **Find Data** and **Filter Data** from the context menu allows searching and filtering across multiple columns
- A refresh button has been added to the Editor Data Grid to reexecute the query
- Single Record Viewer supports copying the column header and value to clipboard

Compare Schemas

- Options added to verify that tablespaces and Oracle features exists in the target database; any violations that will cause the sync script to fail are identified in the Difference Details tab

Generate Schema Script

- Added the ability to combine related objects when generating one script per object; for example, synonyms and grants with their target objects, type/package with its body, indexes with their table, etc.
- An option has been added to include schema name in object filenames
- An option has been added to include private synonyms for objects when exporting

Schema Browser

- Improved performance when selecting Procedures, Functions, and Packages
- Added the ability to pin quick filters

Session Browser

- "Kill Session" button added to the Locks tab
- "Status" column added to the Locks tab

Import Table Data

- Added the ability to create a new table from the Import Table Data wizard prior to importing

Workspaces

- New command line parameter for launching Toad and opening a specific workspace, e.g. `Toad.exe -workspace my_favorite_workspace_name`

Debugger

- A new "Check Privileges" menu item is available from the main Debug menu to check the active connection for the privileges required to debug

DB Health Scan (Preview)

DB Health Scan is a new window similar to DB Health Check with improved visualization of results. This window is a preview feature with additional improvements planned for a future release.

SQL*Net Editor

- Added support for SSL parameters

TNSNames Editor

- Added support for Retry Delay, Retry Count, and Compression parameters

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>.

Discontinued Features

Knowledge Xpert. Knowledge Xpert is no longer available on Toad World. Beginning with release 13.1, Toad components no longer reference the online Knowledge Xpert.

Ask a Question. The **Go to Toad World** and **Ask a Question** commands on the Toad World toolbar have been replaced. To ask a question, click the **Forums** toolbar button to go directly to the forum. To go to Toad World, click the **Forums** or the **Browse Blogs** toolbar buttons. You can also use the Help menu: **Help | Toad World | Forums**. This change is found in Toad for Oracle 13.1 or later.

Integration with Toad Intelligence Central. Beginning with Toad for Oracle 13.1, Toad no longer provides integration with Toad Intelligence Central. The Toad Intelligence Central window is not available and you cannot publish scripts, files, Code Analysis results, and other resources to a Toad Intelligence Central server using Toad for Oracle. You cannot connect to Toad Intelligence Central through Toad for Oracle.

Resolved issues

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

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.
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

Issue ID	Link to Forum Post	Resolved Issue
		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.
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.

Issue ID	Link to Forum Post	Resolved Issue
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.

Toad for Oracle 17.1

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-6106	link	Connections: Timezone data is incorrect when querying some databases using "no client" mode.
TOR-7625	link	Color Schemes: Some buttons on the login window lack a border when using color schemes on Windows Server 2016.
TOR-7709	link	Toolbars: The window menu, shown to the left of the File menu for maximized windows, duplicates its menu items each time it is clicked.

Issue ID	Link to Forum Post	Resolved Issue
TOR-7768	link	Connections: The connection bar "Containers" menu is out of sync after an ALTER SESSION SET CONTAINER statement is executed in the Editor.
TOR-7824	link	Script Execution: The elapsed time shown in the progress dialog is incorrect in some cases.
TOR-7839		Execution: Access Violation occurs when using "no client" mode and selecting RAW datatype over a database link.
TOR-7868	link	Connection Bar: The "Reconnect all" menu item is disabled at times it should be enabled.
TOR-7874	link	Editor: Compiling a package having an error indicates the wrong line as having the error.
TOR-7880	link	Export Dataset: The default extension for Excel should be .xlsx and for Access it should be .accdb.
TOR-7882	link	Mac: Editor takes a long time to load if CAPS lock is enabled.
TOR-7888	link	Editor: Goto Line (Ctrl+G) throws an exception in some cases.
TOR-7906		Data Grids: ORA-00903 error is raised when updating data of a LONG RAW field.
TOR-7909	link	Schema Browser: Tab key does not advance through all fields properly in the Filter/Sort dialog.
TOR-7912		Debugger: Access Violation occurs in some cases if the background session is disconnected.
TOR-7955	link	Connection Bar: Opening a window from the "Frequently used" menu of an inactive session's connection bar button opens the window for the active session, instead.
TOR-7963		Export Dataset: Exporting to Excel does not include data for CLOB fields exceeding 32767 characters.
TOR-7969	link	Workspaces: Access Violation occurs when loading a workspace in some cases.
TOR-7971	link	Automation Designer: The Compare Schemas action uses CREATE instead of CREATE OR REPLACE in the sync script when executed using a parameter file that was created with Toad for Oracle 16.3 or older.
TOR-7982		Code Analysis: Running Code Analysis with the SQL Scan option enabled causes Toad to disappear in some environments.
TOR-7988	link	Schema Browser: The Alter Table dialog includes the schema in ALTER TABLE RENAME COLUMN statements when the "Show SQL without schema" menu item is chosen.

Issue ID	Link to Forum Post	Resolved Issue
TOR-7989	link	Toolbars/Menus: Setting a custom shortcut for Print Preview does not work.
TOR-7996	link	Workspaces: Creating a new Editor tab after opening a workspace does not always activate the new tab.
TOR-7997	link	Editor: The Load DB Object window has an empty, gray panel when the "Show source" checkbox is unchecked.
TOR-8002		Connections: The Reconnect button is unavailable on the dialog shown for ORA-00045 errors.
TOR-8006		Automation Designer: The Format Files action modifies reserved word character case and does not format the code
TOR-8007	link	Automation Designer: Variable substitutions are not made to the Export Dataset action's SQL text if the SQL has been modified after mapping substitution variables to Automation Designer variables.
TOR-8012	link	Session Browser: Quickly clicking on nodes in the left side navigator causes the Session Browser to process each click and slow down for a bit as it catches up.
TOR-8040		General: Long error message text is truncated in error dialogs if using a dark color scheme.
TOR-8044		Schema Browser: The Tables Script tab truncates constraint text longer than 4000 characters.
TOR-8047	link	Master-Detail Browser: An error occurs when setting a filter having a comment on the first line.
TOR-8056		Schema Browser: Filters set on the Invalid Objects tab do not affect indexes.
TOR-8063		Connections: Connecting to an Oracle Cloud database without a client raises an ORA-12506 in some cases.
TOR-8081	link	Statspack Browser: Copying a SQL Summary row to clipboard causes Toad to freeze for a while..
TOR-8083	link	Data Import Wizard: Custom date format does not accept dot or dash as date separator.
TOR-8086	link	Script Execution: DESC PACKAGE excludes functions and procedures without parameters.
TOR-8093	link	Data Grids: Saving a blob to file omits the extension if it is not specified in the filename.
TOR-8096	link	Data Grids: CTRL+F to find data selects wrong columns.
TOR-8103		Project Manager: Files loaded in external application always use the default association from Windows instead of the association defined in the Project Manager settings.

Issue ID	Link to Forum Post	Resolved Issue
TOR-8116	link	Login Window: Connection made to the wrong database after editing a previously used connection's alias in the grid and selecting a different database from the right side dropdown and clicking Connect.
TOR-8117	link	Data Grids: Record Count does not respect filtered records.
TOR-8172	link	Automation Designer: Changing the output file extension of an Export Dataset action using Excel file format from .xlsx to .xls will change the extensions of other Export Dataset actions also exporting to Excel file format.
TOR-8178		Automation Designer: Format Files action introduces a mix of CRLF and LF end of line characters.

Toad for Oracle 17.0 Patch 1

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-7680		Script Manager: Access Violation occurs when running scripts in 64-bit Toad.
TOR-7681	link	Toad for Oracle on Mac: Animation on the Script Execution dialog looks bad.
TOR-7682		Toad for Oracle on Mac: "Task Manager not running" error on startup.
TOR-7683		Toad for Oracle on Mac: Compiling a Team Coding controlled object in the Editor using shortcut (F9) results in endless loop.
TOR-7684	link	Toad for Oracle on Mac: Cannot drag/drop files from Finder to Editor.
TOR-7686		Alter Database Link: Incorrect username for connection is shown.
TOR-7687		Editor Options: The Tab stop setting is not being saved when Toad closes.
TOR-7694	link	Editor: The Navigator tree scrolls each time it refreshes.
TOR-7704	link	Toad for Oracle on Mac: Find Next (F3) does not work properly if the find dialog is not showing.
TOR-7705	link	Toad for Oracle on Mac: Grid lines are invisible in some windows.
TOR-7711		Schema Browser: "Invalid table name" error is raised when generating scripts for Tables, Views, and Materialized Views for users lacking the SELECT ANY DICTIONARY privilege.
TOR-7712		Import Table Data: Importing from a Fixed Field Width file raises an incorrect error regarding field size and nothing is imported.

Issue ID	Link to Forum Post	Resolved Issue
TOR-7715		Automation Designer: Upgrading from Toad for Oracle 16.3 to 17.0 raises an error at startup for ToadActions.dat if the 16.3 datafile contains a Data Pump Import action.
TOR-7717		Debugger: "Invalid Oracle Home" error is raised when debugging if the session is made without a client and no clients are installed.
TOR-7718	link	Toad for Oracle on Mac: Cannot save BLOB data from the data grid BLOB editor.
TOR-7737		Toad for Oracle on Mac: Poor font quality.
TOR-7753		Login Window: LDAP dropdown list is slow to load when in clientless mode.
TOR-7763		Toad for Oracle on Mac: CAPS lock can get out of sync.
TOR-7764		Toad for Oracle on Mac: The TNS_ADMIN location is not as apparent as it could be.
TOR-7838		TNSNAMES Editor: Adding a new service is nonfunctional.

Toad for Oracle 17.0

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-2632		Editor: "Refactor > Remove Subqueries" generates invalid SQL when aggregate functions are present
TOR-6414	link	Data Grids: Strings exceeding the width of the control do not show a trailing ellipsis
TOR-7086	link	Triggers: Incorrect DDL is generated for disabled triggers containing a header comment and a WHEN clause
TOR-7087	link	Login: When grouped by multiple columns, deleting records from an expanded group collapses all other expanded groups
TOR-7089	link	Session Browser: Locks tab does not select the top row following a refresh
TOR-7101	link	Schema Browser: Favorites folder cannot be renamed
TOR-7102	link	Schema Browser: Scheduler Job script is invalid when the job has unnamed arguments
TOR-7103	link	Alter Tablespace: Maximum size is changed to UNLIMITED in some cases

Issue ID	Link to Forum Post	Resolved Issue
TOR-7112	link	Generate Schema/Database Script: IN MEMORY and COMPRESSION options are ignored
TOR-7117		Session Browser: Selected row in the Open Cursors tab changes after activating a different tab and returning to Open Cursors
TOR-7130		Insert Table Data: Some rows are not imported following a constraint violation when the "Use Array DML" option is checked
TOR-7133	link	Workspaces: Unicode characters in the Editor are lost
TOR-7134	link	Schema Browser: Scheduler Job run log throws an error on Oracle database 10g Release 1
TOR-7135	link	Export Dataset: Auto detection of schema doesn't work with a SELECT from a table across a database link containing a '.' in its name
TOR-7176	link	Schema Browser: Sending a trigger to the Editor ignores the Editor option to exclude schema name when loading objects
TOR-7178	link	Code Insight: Results not shown when invoked within SQL containing a subquery.
TOR-7181		Subscription Licensing: An Access Violation occurs after upgrading Toad in some cases
TOR-7185	link	Schema Browser: Incorrect script is generated for tablespaces that are encrypted, but not compressed
TOR-7195	link	Schema Browser: Rebuild Table window does not allow new columns having a name longer than 30 characters on Oracle database 12g Release 2 and newer
TOR-7201		Automation Designer: Execute Script action fails if the output file or path contains variables
TOR-7202		Team Coding: The Team Coding Browser VCS tab hangs when using Azure DevOps Services (TFVC)
TOR-7210	link	Data Grids: Sorting a column no longer focuses the sort direction radio group by default
TOR-7211	link	Change Password: ORA-00922 is raised when changing password if a password verify function has been configured
TOR-7217		Data Grids: The columns dropdown on the Filter tab of the Filter/Sort Data dialog is not wide enough to show long column names
TOR-7232	link	Editor: The prompt to reload files modified externally is shown even after choosing "Yes to All" at the initial prompt and then deactivating and activating Toad
TOR-7233	link	Team Coding: The compare dialog does not show Unicode characters

Issue ID	Link to Forum Post	Resolved Issue
TOR-7237	link	Trace File Browser: The modified date of some files is not displayed
TOR-7240	link	Trace File Browser: Poor contrast when using a dark color scheme
TOR-7257		Editor: Refactor Resolve Package Constants does not work for SQL containing a single package constant reference
TOR-7262	link	Code Insight: Very slow filtering of results while typing in some cases
TOR-7264	link	Code Analysis: SQL Scan does not work when using proxy user authentication
TOR-7266	link	Data Grids: Popup Editor throws a "Cannot modify a read-only dataset" error when formatting text
TOR-7274	link	Data Grids: Using the DEL key to clear a cell throws an "Invalid value for field" error when the column has a foreign key
TOR-7319	link	TNSNames Editor: Some parameters within the SECURITY section are unsupported
TOR-7332		Color Schemes: Schemes are not fully applied to SQL Recall after changing the color scheme and restarting Toad
TOR-7347		Compare Schemas: Schema name is excluded in the sync script if the "Include Schema in Migration DDL" and "Format before comparison" options are both checked
TOR-7349	link	Script Execution: The SQL feedback text is formatted poorly or incorrect with some statements
TOR-7358	link	Code Insight: PL/SQL objects are not shown in the list in some cases.
TOR-7376	link	Explain Plan: Toad sometimes connects to the wrong RAC instance when the "Separate session" for Explain Plan option is set
TOR-7408	link	Automation Designer: Export Dataset action changes the file extension of the results file in some cases
TOR-7409	link	Color Schemes: The selected node in some tree views is difficult to see with some color schemes
TOR-7410	link	Schema Browser: The left side navigator does not update its selected node to reflect the caret position after searching for text in the Script tab of a package
TOR-7423		Team Coding: Access Violation occurs after dropping materialized views
TOR-7424	link	Schema Browser: The generated script for Materialized View is incorrect when the "Add to refresh group" option is checked in the script generation options
TOR-7438		Editor: The automatic backup feature does not clean up stale files and references which can lead to Access Violations and general performance issues in time

Issue ID	Link to Forum Post	Resolved Issue
TOR-7479		Test Connections: An Access Violation can occur when closing the dialog immediately after testing connections
TOR-7480	link	Automation Designer: FTP action does not observe variables in filenames to download
TOR-7593		Schema Browser: The right side/detail view when selecting a table is scaled incorrectly in some cases when using high-definition resolutions
TOR-7596		Import Table Data: Access Violation occurs when importing from CSV files having fields with more than 32k bytes of data
TOR-7600		DB Health Check: Bad results are generated for the "Foreign Keys with mix of nullable and not nullable columns" option

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
<p>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.</p> <p>Toad currently does not differentiate between indexes created explicitly on the snapshot and indexes created automatically when the snapshot is created.</p> <p><i>Workaround:</i> 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.</p>	N/A
<p>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:</p> <ol style="list-style-type: none">1. Client shows as invalid2. Client version is not detected3. 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
<p>Debugger</p> <p>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.</p> <p><i>Workaround:</i> To see REFCURSOR output and DBMS output, execute the procedure without the debugger.</p>	N/A
<p>Connections</p> <p>While Toad supports LDAP connectivity, some features of Toad depend on tnsnames.ora file to operate correctly, such as Toad Script Runner (TSR).</p>	N/A

Known Issue	Issue ID
<p>Schema Browser</p> <p>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.</p> <p><i>Workaround:</i> 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.</p>	N/A
<p>Virtualization</p> <p>An access violation error may display when you close Toad in a Citrix XenApp environment.</p>	76354
<p>Import/Export</p> <p>Constraint scripts from Export DDL do not contain the "using index" or "tablespace" clause.</p>	59228

Oracle client known issues

Known Issue	Issue ID
<p>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.</p> <p><i>Workaround:</i> Use an 18c or older client when connecting to an affected database.</p>	N/A
<p>All versions of Oracle client 19c leak memory when working with LOB types. This includes simple SELECT statements against a table containing LOB types.</p>	N/A
<p>Queries that return fields with a BOOLEAN datatype result in a 'Datatype is not supported' error when using the Oracle 23ai client.</p> <p><i>Workaround:</i> Use an older Oracle client or make the connection without using a client.</p>	N/A

Proxy server known issues

Known Issue	Issue ID
<p>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.</p>	72966

Apply settings system-wide:

HKEY_LOCAL_MACHINE\Software\Quest Software\Internet Settings:

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.

N/A

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.

Full table data is not displaying in the live data grid (results from F9) if the data contains "zero" characters (ASCII 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. <i>Workaround:</i> 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. <i>Workaround:</i> 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"). <i>Workaround:</i> Keep the output window pinned.	68523
If you use a non fixed-width font, the results are misaligned in the of Script Output tab in Editor after executing a SQL script. <i>Workaround:</i> Go to Options Scripts and select a fixed-width font for script output.	62234

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. <i>Workaround:</i> 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 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.	N/A
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. <i>Workaround:</i> 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: <ul style="list-style-type: none">• 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

Known Issue	Issue ID
In Team Coding, objects with Unicode <i>contents</i> are supported, objects with Unicode <i>names</i> 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 General). The option has adverse behavior regardless of its value. <ul style="list-style-type: none"> • 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. 	N/A

High DPI known issues

Known Issue	Issue ID
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: <ul style="list-style-type: none"> • Character misplacement • Disproportionate spacing • Text selection visualization not aligning with character boundaries • Incorrect text edits when modifying text using a block selection <p>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.</p> <ul style="list-style-type: none"> • Drawing technology <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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

- 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:

- 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

N/A

(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.

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. <i>Workaround:</i> 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 nonfunctional. The feature allows for quickly closing Toad without prompting to save work. It has been disabled.	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. <i>Workaround:</i> Turn off CAPS lock before opening Editor.	N/A
Bold text and other UI painting issues after installing Team Coding database objects. <i>Workaround:</i> 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. <i>Workaround:</i> 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	<ul style="list-style-type: none">1 GHz processor - Toad for Oracle 32/64 bitApple Silicon (M-series processors) - Toad for Oracle on Mac
Memory	<ul style="list-style-type: none">1 GB RAM - Toad for Oracle 32 bit2 GB RAM - Toad for Oracle 64 bit2 GB RAM - Toad for Oracle on Mac <p>NOTE: The memory required may vary based on the following:</p> <ul style="list-style-type: none">Applications that are running on your systemSize and complexity of the databaseAmount of database activityNumber of concurrent users accessing the database
Hard disk space	<ul style="list-style-type: none">600 MB - Toad for Oracle 32/64 bit2 GB - Toad for Oracle on Mac
Operating system	<ul style="list-style-type: none">Windows 10Windows 11Windows Server 2016Windows Server 2019Windows Server 2022macOS 11macOS 12macOS 13macOS 14macOS 15

Database requirements

Requirement	Details
Database client	<p>An Oracle client is optional.</p> <p>Connecting to a database without an Oracle client has the following considerations:</p> <ul style="list-style-type: none">• 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. <p>The following Oracle clients are supported:</p> <ul style="list-style-type: none">• 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 <p>NOTE: You must use the 32-bit version of Toad with the 32-bit Oracle client, and the 64-bit version of Toad with the 64-bit Oracle client.</p>
Database server	<p>Oracle versions:</p> <ul style="list-style-type: none">• 10g Release 2• 11g Release 1 and 2• 12c Release 1 and 2• 18c• 19c• 21c• 23c/23ai <p>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.</p>
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 editions 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 Subscription edition is bundled with Quest Auto Update, a service to periodically check for and deliver 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	<ul style="list-style-type: none">• Microsoft Internet Explorer 6.0 or later (to view video from the Jump list within Toad, and to view the product documentation in HTML format).• Microsoft Office 2016 and recent earlier releases are supported for Word and Excel output.• Adobe Acrobat Reader 7.0 or later (to view the product documentation in PDF format).• Microsoft .NET Framework 4.0 to support the Toad for Oracle Editions 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	<ul style="list-style-type: none">• Read access to the Oracle client folder
Windows Server	<ul style="list-style-type: none">• Read/write privileges on the Oracle Home directories that you use for your connections

NOTE: Toad for Oracle Subscription edition is bundled with Quest Auto Update, a service to periodically check for and deliver product updates. Installation requires administrator privileges on all supported operating systems.

NOTE: Other functionality in Toad may require additional privileges.

Product licensing

Legacy Toad for Oracle with offline license keys

To activate a trial

1. Go to the trial download web page: <https://www.quest.com/products/toad-for-oracle/software-downloads.aspx>, accessed through the product page.
2. Select the Toad for Oracle Edition that you want to try.
3. Log in to your account or register.
4. Accept the license terms.
5. Download the trial file.

To activate a purchased commercial license

1. Go to the Quest Support website: <https://support.quest.com/>
2. Type the name of the product that you want to activate in the **Enter your product to find support** field.
3. Select **Download New Releases**.
4. Download the installer file.

NOTES:

- License keys compatible with Toad for Oracle 9.7 and earlier versions are no longer supported.
- Only the newer 48-character license keys are supported.
- If you have an older license type, the Editions installer points you to the license web page where you can update it.
- Toad supports cumulative licensing. You can add multiple licenses, including those for add-ons like Sensitive Data Protection, to Toad. Toad will use the licenses providing the highest degree of features.

Toad for Oracle Subscription with online licensing (including Editions)

Toad for Oracle Subscription requires you to sign in with your Quest.com account. Licenses are tied to your account giving you the flexibility to use Toad from multiple computers without having to move your license.

Sign in with existing Quest.com account

1. Enter your account email address and password when prompted
2. If you already have a Toad for Oracle Subscription license, no further action is needed
3. If you do not have a Toad for Oracle Subscription license, see **Activating a new license** below

Create a new Quest.com account

1. Select **Sign up for a new account**
2. Enter your account details and select **Sign Up**
3. A confirmation email is sent containing a verification code
4. Enter the code from the email and select **Verify**

NOTES:

- It may take a few minutes for the verification email to arrive
- Check your spam/junk folders for the email sent from supportadmin@quest.com if you do not receive it
- For additional assistance, please contact [Quest support](#)

Activating a new license

1. Toad for Oracle Subscription automatically provides a fully functioning, 30-day Trial license
2. To purchase a new license, click **Buy Now** from Toad's title bar
3. After completing your transaction, restart Toad and your license is automatically detected
4. To manage licenses, select **Account Settings** beneath your account shown at the top-right of Toad

NOTE: You can view your licenses from within Toad by selecting **Help | Licensing**

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 | Copy User Settings**, then select **Create 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 13.1 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.

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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Toad for Oracle Release Notes

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