

Toad Edge® 2.7.0

Release Notes

April 2023

These release notes provide information about the Toad Edge release.

- [About Toad Edge®](#)
- [New features of Toad Edge](#)
- [Enhancements](#)
- [Resolved issues](#)
- [Known issues](#)
- [System requirements](#)
- [Product licensing](#)
- [Getting started with Toad Edge](#)
- [Globalization](#)

About Toad Edge®

Toad Edge® is a database management application that allows you to perform database administration tasks with ease.

Toad Edge® allows you to:

- Connect to your databases, view, explore and edit database structure, database objects and properties
- Manage database objects, easily add, edit or drop objects in **Object Explorer**
- Obtain detailed information about your databases
- Manage data stored in your database, add, edit or remove records
- Write complex SQL code comfortably in **Worksheet**
- Compare and synchronize databases using powerful **Schema Compare**
- Conveniently manage users and user permissions in **Object Details** editors
- Seamlessly integrate Toad Edge into your **Continuous Integration and Delivery** processes

Toad Edge 2.7.0 is a minor release, with new features and functionality. See [New features](#) for more information.

New features of Toad Edge

In Toad Edge® 2.7, the following new features were implemented:

General features

Repository Support

- PostgreSQL will now support Repository(VCS) alongside MySQL/MariaDB.

Database features

Support for PostgreSQL 15

- Toad Edge now supports full-fledged features of PostgreSQL 15.

Support for Amazon Redshift Support

- Toad Edge now offers a limited level of support connecting with the Amazon Redshift database. [4370937](#) article contrasts the features which Redshift doesn't offer but PostgreSQL/EDB does.

Support for MariaDB 10.7, MariaDB 10.8, MariaDB 10.9, MariaDB 10.10

- Toad Edge now supports connecting with MariaDB 10.7,10.8,10.9, and 10.10.

Enhancements

The following is a list of enhancements implemented in Toad Edge 2.7

- Toad Edge now supports MySQL JDBC 8.0.23 and later drivers
- Toad Edge now officially supports Redshift
- Toad Edge now officially supports MariaDB v10.10, v10.9, v10.8, and v10.7
- PostgreSQL will now support file based VCS (repository)
- Toad Edge will now support PostgreSQL 15
- Added instructions in installation guide so that users can configure their own PersonalFolder

Resolved issues

The following issues were resolved for this release:

Toad Edge 2.7.0

Description	Issue ID
Fixed false alarm of "File has been modified" in worksheets	15057
No more handshake failures during sign out	14878
Fixed the CLI's warning of illegal reflective action with a user configurable suppression option	15073
Fixed an issue with "revert to saved" feature for Mac systems	15041
Fixed an issue where Toad Edge could not retain its current version while shutting down the application	15025

Known issues

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

General known issues

Known Issue	Issue ID
Mouse cursor may become invisible in specific circumstances related to errors in Worksheet . Workaround: Switch into a different Toad Edge View and back.	5942
After upgrading from Toad Edge 1.0 , databases that were mapped (as part of Repository) will lose their mapping.	8223
When a database is synchronized with Repository, changes made to tables in the database that have been created using BLACKHOLE, CSV or FEDERATED engine are not detected in Object Explorer. Workaround: Display the comparison window (right-click the database Repository Synchronize). The changes will be detected and subsequently displayed in Object Explorer.	8332
Toad Edge will not override default settings of associated programs for opening JSON files on Windows.	9229
Currently it is not possible to activate more than one license during silent installation on Windows	11666
While connecting to Postgres/EDB, one might get "Password must be at least 14 characters" as error Workaround: Close ToadEdge and go to ToadEdge.ini file and change - Dorg.bouncycastle.fips.approved_only value to false.	14740

System requirements

Before installing Toad Edge 2.7.0, ensure that your system meets the following minimum hardware and software requirements.

Hardware requirements

Table 1: Hardware requirements

Requirement	Details
Processor	Minimum dual core 64-bit processor
Memory	Minimum 4 GB RAM
Hard disk space	Minimum 500 MB + additional disk space for user data

Software requirements

Table 2: Software requirements

Requirement	Details
Operating System	Windows 11 (64-bit) Windows 10 (64-bit) Windows 8.1 (64-bit) Windows 7 (64-bit) Windows Server 2012 R2 (64-bit) Window Server 2016 (64-bit) macOS 12 Monterey (64-bit) macOS 11 Big Sur (64-bit) macOS 10.15 Catalina (64-bit) macOS 10.14 Mojave (64-bit) macOS 10.13 High Sierra (64-bit) macOS 10.12 Sierra (64-bit)
Other requirements	.NET 4.0 is required to install the application on Windows 7

i **NOTE:** Toad Edge may also run on virtual versions of the mentioned operating systems. Please note, however, that these configurations are not tested.

Database requirements

Supported database	Version	Additional details
PostgreSQL	9.5,9.6,10,11,12,13,14,15	Toad Edge tested with Amazon Aurora PostgreSQL 9.5 and Microsoft Azure PostgreSQL 10.1
EnterpriseDB	9.6,10,11,12,13,14	
Amazon Redshift	1.0	Limited Support. KB Article 4370937 draws the feature comparison between Redshift and PostgreSQL/EDB.
MariaDB	10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10	MariaDB 10.1 tested for common functionality with MySQL 5.6. Note: Only features common with MySQL are supported except Sequences.
MySQL	5.5, 5.6, 5.7, 8.0*	MySQL 5.6 tested to run in Microsoft Azure. MySQL 5.7 tested to run in Amazon Relational Database Service (RDS) environment MySQL engines: InnoDB, MyISAM Tested MySQL editions: Community, Standard, Enterprise *Role Management and Tablespaces are currently not supported for MySQL 8.0. Please use the latest driver with MySQL 8.0 support.

How to install JDBC drivers

The following JDBC drivers are supplied with the installation of Toad Edge. The current drivers bundled with the Toad Edge are Advance Server JDBC Connector 42.3.3.1, MySQL Connector/J 5.1.46, MySQL Connector/J 8.0.32, PostgreSQL JDBC 42.5.1, and Redshift JDBC42-1.2.12.

i NOTE:

- Toad Edge always works with UTF-8 encoding. Any files that you open are converted to UTF-8 when opened and all files are saved in UTF-8 encoding.

Product licensing

Three types of licenses are available for Toad Edge:

- **Freeware** - basic mode which is active when no other license is supplied
- **Trial** - unlimited mode which lasts for a set period (for example, the initial 30-day Trial)
- **Commercial** - unlimited mode gained by purchasing and using a Commercial license in the application

As mentioned in [Introduction](#), you need to create and sign in to your Quest Software account in order to start using Toad Edge. After you create your account, you are provided an initial 30-day Trial license. This allows you to try out the application and all of its features.

Once the Trial period elapses, you can purchase and supply a Commercial license to continue using Toad Edge without limitations. Otherwise, the application will revert to the Freeware mode. You will be still able to use all Freeware features, but you will not be able to access Commercial features.

The following matrix lists all features that can be used in Freeware and Trial/Commercial versions of Toad Edge.

Feature	Commercial	Freeware
SQL Worksheet/Editor		
Advanced Content Assist	✓	✗
Syntax check	✓	✓
Code formatting	✓	✓
Run multiple statement	✓	✓
Run from/to position	✓	✓
Data editor		
Table lookup via foreign keys	✓	✓
Basic data filters	✓	✓
Data type specific data editors	✓	✓
Editable result grid	✓	✗
Export and import		
Export to CSV	✓	✓
Export to SQL	✓	✗
Export to HTML	✓	✗
Export to XML	✓	✗
Export to Excel	✓	✗
Import from SQL	✓	✗
Import from CSV	✓	✓

Feature	Commercial	Freeware
Schema Compare		
Schema/Database comparison	✓	✗
Advanced SQL difference recognition	✓	✗
Detailed SQL comparison settings	✓	✗
Timestamp comparison	✓	✗
Detailed Schema Compare reports	✓	✗
Generation of change scripts	✓	✗
Snapshots		
Snapshot creation	✓	✗
Snapshot comparison	✓	✗
Versioning/Collaboration		
Repository (MySQL/MariaDB/PostgreSQL)	✓	✗
Continuous Integration/Continuous Delivery support	✓	✗
Native plugin solution for Jenkins	✓	✗
Other application features		
Object search	✓	✓
Code snippets/templates	✓	✗
Session browser	✓	✗
Support for JSON data types	✓	✓
JSON structure visualization	✓	✗
JSON in-place data editor	✓	✗
MySQL Events editor	✓	✗
Advanced user privilege management	✓	✗

Feature	Commercial	Freeware
SQL Warnings	✓	✓
Backup and Restore	✓	✗
Lock Manager for PostgreSQL and EDB	✓	✗
Run SQL File	✓	✗

Getting started with Toad Edge

Contents of installation package

The Toad Edge release package contains the following:

- Installation file of Toad Edge (MSI or PKG)
- Product Documentation, including:
 - Release Notes
 - Installation Guide
 - User Guide

i **NOTE:** Toad Edge® is distributed with the latest Advance Server JDBC Connector 42.3.3.1, MySQL Connector/J 5.1.46, MySQL Connector/J 8.0.32, PostgreSQL JDBC 42.5.1, and Redshift JDBC42-1.2.12.

Installation Instructions

- See [System requirements](#) before installation to avoid any possible issues during installation or later when using Toad Edge
- Launch Toad Edge installation file and follow the instructions in the installation wizard

Additional resources

Additional information is available from the following:

Toad World [Community Site](#) Toad Edge Toad World Community.

Globalization

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 is Unicode-enabled and supports any character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

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Technical Support Resources

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

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>.

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