

Toad Edge™ 1.2.1

Release Notes

March 2018

These release notes provide information about the Toad Edge release.

[About Toad Edge™ 1.2.1](#)

[Resolved issues](#)

[Known issues](#)

[System requirements](#)

[Product licensing](#)

[Getting started with Toad Edge 1.2.1](#)

[Globalization](#)

About Toad Edge™ 1.2.1

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 MySQL database, view, explore and edit database structure, database objects and properties
- Manage database objects, easily add, edit or drop objects in **Object Explorer**
- 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**
- Obtain detailed information about your databases

Resolved issues

The following is a list of issues addressed in this release:

Description	Issue ID
A NullPointerException after having started Toad Edge has been fixed.	9000/4107505-1
It is now possible to display result sets of multiple SELECT statements at once.	8157

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
After upgrading from Toad Edge 1.0, the latest MySQL JDBC driver is not automatically mapped. Workaround: Map the latest driver manually in Preferences Database. The driver can be found in <i>C:\Program Files\Quest Software\Toad Edge\lib\drivers</i> .	8536
Toad Edge changes double quotes to single quotes in synchronization script generated for stored procedures, events and triggers which using dynamic SQL.	8750
Toad Edge will not override default settings of associated programs for opening JSON files on Windows.	9229

Third-party known issues

Known Issue	Issue ID
Setting up increased DPI (125%) causes some Toad Edge Tab labels to display incorrectly.	6515

Known Issue	Issue ID
Workaround: Set DPI to 100%.	
Loading identical Table Details on two connections may cause the dialogs that modify these tables to freeze. Workaround: End Toad Edge using Task Manager.	7517
After removing the Primary Key and making the column unique, MySQL still keeps PRI as the column key in columns table.	7249
MacOS connections to Amazon RDS databases may automatically expire and be dropped.	7621
Year 2000 in Year(2) data type (00) is not correctly represented in Object Detail or Result Set as JDBC driver raises an exception if the value of the year is 0. Such values are represented in grids as unknown.	8264
Names of functions with special characters are not stored properly in a database even when UTF-8 encoding is used. This can cause side effects such as not being able to grant a privilege to a function as its name in query is different from the actual stored name. Workaround: Replace special characters by basic (ASCII).	7287
MySQL time values are displayed as (invalid value) in Object Detail and Result Set if they are outside the range 00:00:00-24:00:00. This is a limitation of JDBC driver.	8236
On Windows 10 closing a tab in Toad Edge using a drop-down menu may close other tabs than intended.	8478
Batch files that use UTF-8 BOM encoding cannot be executed by the Toad Edge command line interface. Workaround: The CI/CD Wizard in Toad Edge generates files using pure UTF-8 encoding. Do not change the encoding once the files are generated.	8486
Updating system Java may delete certain Toad Edge libraries. This results in the application being unable to connect to databases or obtain licenses. Workaround: The only way to restore the deleted files is to reinstall Toad Edge	8603

System requirements

Before installing Toad Edge 1.2.1, ensure that your system meets the following minimum hardware and software requirements.

i | **NOTE:** Toad Edge™ is distributed with the latest MySQL Connector/J 5.1.44 and with Java Runtime Environment 1.8.0_121.

Hardware requirements

Requirement	Details
Processor	Minimum dual core 64-bit processor

Requirement	Details
Memory	Minimum 4 GB RAM
Hard disk space	Minimum 500 MB + additional disk space for user data

Software requirements

Requirement	Details
Operating System	Windows 10 (64-bit) Windows 8.1 (64-bit) Windows 7 (64-bit) Windows Server 2012 R2 (64-bit) macOS 10.13 High Sierra (64-bit) macOS 10.12 Sierra (64-bit) OS X 10.11 El Capitan (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 were not tested.

Database requirements

Supported database	Version	Additional details
MySQL	5.5, 5.6, 5.7	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
MariaDB	10.1	MariaDB 10.1 tested for common functionality with MySQL 5.6

Other Requirements

Internet connection	In order to sign-in and validate your license internet connection is required to connect with our licensing servers.
Internet browser	In order to view documentation an internet browser is required. Internet Explorer 10 or later is recommended.

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
MySQL features		
Support for JSON data types	✓	✓
JSON structure visualization	✓	✗
JSON in-place data editor	✓	✗
MySQL Events editor	✓	✗
Advanced user privilege management	✓	✗
SQL Worksheet/Editor		
Advanced Intellisense	✓	✗
Syntax check	✓	✓
Code formatting	✓	✓
Multiple statement execution	✓	✓
Execution from/to position	✓	✓
Data editor		
Table lookup via foreign keys	✓	✓
Basic data filters	✓	✓
Data type specific data editors	✓	✓

Feature	Commercial	Freeware
Editable result grid	✓	✗
Export and import		
Export to CSV	✓	✗
Export to SQL	✓	✓
Export to HTML	✓	✓
Export to XML	✓	✓
Import from SQL	✓	✓
Import from CSV	✓	✓
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	✓	✗
Continuous Integration/Continuous Delivery support	✓	✗
Native plugin solution for Jenkins	✓	✗
Other application features		

Feature	Commercial	Freeware
Object search	✓	✓
Code snippets/templates	✓	✗
Session browser	✓	✗

Getting started with Toad Edge 1.2.1

Contents of installation package

The Toad Edge release package contains the following:

- Installation file of Toad Edge 1.2.1 (MSI or PKG)
- Product Documentation, including:
 - Release Notes
 - Installation Guide
 - User Guide

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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

How to Install Java Cryptography Extension

- Download the latest JCE files:
 - local_policy.jar
 - US_export_policy.jar
- and use them to replace the files in Toad Edge security folder
 - (...)\Quest Software\Toad Edge\bin\jre\lib\security\

Additional resources

Additional information is available from the following:

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>.

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
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- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
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