

# Toad Edge® 2.0.9

## Release Notes

April 2019

These release notes provide information about the Toad Edge release.

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## About Toad Edge® 2.0.9

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 2.0.9 is a patch release, with resolved issues and enhancements.

# New features of Toad Edge

In Toad Edge® 2.0 the following new features were implemented:

## General features

### Object Editor

- Go to **Script** in **Role Editor** to display search path for Roles in **Object Editor**. You can disable display of search path in **Script Settings**.

### Compare Schema

- A new option has been added to disable removing qualifiers from script during compare. Check **Remove container (schema/database) qualifiers from script** in **View | Preferences | General** to remove schema prefixes in **Schema Compare**.
- Now you can match columns based on their position only, by their identical or similar names. Adjust **Column Matching** in **Comparison Rules**.

## Database features

### Support for PostgreSQL 11

- Toad Edge now supports connecting to PostgreSQL 11

## Enhancements

The following is a list of enhancements implemented in Toad Edge 2.0:

- UI enhancements in menus and options
- Minor enhancements of connection process for MySQL 8.0

## Resolved issues

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

Description	Issue ID
Now you can set different types of column matching in Schema Compare.	14128/4468478
Now you can display search path in Role Editor.	14090
A new option Remove container qualifiers has been added to View   Preferences   General.	14084/4439086

## 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 <b>Worksheet</b> . <b>Workaround:</b> 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. <b>Workaround:</b> 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
Object Search does not find columns on Amazon Redshift.	11597
Currently it is not possible to activate more than one license during silent installation on Windows	11666

## System requirements

Before installing Toad Edge 2.0.9, ensure that your system meets the following minimum hardware and software requirements.

### 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 10.14 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	Toad Edge tested with Amazon Aurora PostgreSQL 9.5 and Microsoft Azure PostgreSQL 10.1
EnterpriseDB	9.6, 10	
Amazon Redshift	1.0	Currently in beta You need to use RedshiftJDBC42-1.2.12.1017 or newer driver in order to use Redshift features.
MariaDB	10.1, 10.2	MariaDB 10.1 tested for common functionality with MySQL 5.6
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.

# 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
<b>SQL Worksheet/Editor</b>		
Advanced Content Assist	✓	✗
Syntax check	✓	✓
Code formatting	✓	✓
Multiple statement execution	✓	✓
Execution from/to position	✓	✓
<b>Data editor</b>		
Table lookup via foreign keys	✓	✓
Basic data filters	✓	✓
Data type specific data editors	✓	✓

Feature	Commercial	Freeware
Editable result grid	✓	✗
<b>Export and import</b>		
Export to CSV	✓	✓
Export to SQL	✓	✗
Export to HTML	✓	✗
Export to XML	✓	✗
Import from SQL	✓	✗
Import from CSV	✓	✓
<b>Schema Compare</b>		
Schema/Database comparison	✓	✗
Advanced SQL difference recognition	✓	✗
Detailed SQL comparison settings	✓	✗
Timestamp comparison	✓	✗
Detailed Schema Compare reports	✓	✗
Generation of change scripts	✓	✗
<b>Snapshots</b>		
Snapshot creation	✓	✗
Snapshot comparison	✓	✗
<b>Versioning/Collaboration</b>		
Repository (MySQL only)	✓	✗
Continuous Integration/Continuous Delivery support	✓	✗
Native plugin solution for Jenkins	✓	✗
<b>Other application features</b>		

Feature	Commercial	Freeware
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	✓	✗

# Getting started with Toad Edge 2.0.9

## Contents of installation package

The Toad Edge release package contains the following:

- Installation file of Toad Edge 2.0.9 (MSI or PKG)
- Product Documentation, including:
  - Release Notes
  - Installation Guide
  - User Guide

**i** | **NOTE:** Toad Edge® is distributed with the latest Advanced Server JDBC Connector 4.2, MySQL Connector/J 5.1.46, and PostgreSQL JDBC 42.2.2 .

### **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:

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Toad World [Community Site](#)

Toad Edge Toad World Community.

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## **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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For sales or other inquiries, visit [www.quest.com/contact](http://www.quest.com/contact).

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- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
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- Chat with support engineers online
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