

# Toad Edge® 2.1.x

## Release Notes

### January 2021

These release notes provide information about the Toad Edge release.

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## 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 2.1.6 is a patch release, with resolved issues. See [Resolved Issues](#)

# New features of Toad Edge

In Toad Edge® 2.1 the following new features were implemented:

## General features

### Connection dialog enhancements

- **Connections** has been improved

### Worksheet enhancements

- Fix misspelled words using spell check when writing in **Worksheet**
- Responsiveness and accuracy of automatic suggestions have been improved
- Toad now highlights more letters in suggestions to help you find the object you are looking for
- Press Tab to indent selected paragraphs of text

### Support for DBMS output

- Toad Edge now supports DBMS message output for Postgres and EDB Postgres connections

## Database features

### Support for PostgreSQL 12

- Toad Edge now supports PostgreSQL 12

### Support for PostgreSQL 11

- You now can run stored procedures

### Support for EDB Postgres Advanced Server 11

- Toad Edge now supports connecting to EDB 11

### MySQL 8 timezone improvements

- Your timezone is now preset in 'Server Time Zone' field when you create a new connection
- Difference of client and server timezones is now recorded in MySQL log

# Enhancements

The following is a list of enhancements implemented in Toad Edge 2.1

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

# Resolved issues

The following issues were resolved for this release:

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Description	Issue ID
Optimized performance in MariaDB	2123/4573576
Survey behavior is fixed	14595
Newly created functions will show up for new connections of Postgres/EDB	14530/4758530

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Description	Issue ID
Objects in revoke statement are highlighted	14086

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Description	Issue ID
Added support for PostgreSQL 12 objects	2364/4640303

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Description	Issue ID
Tab now indents paragraphs of text	1581/4517660
Stored procedures are now supported in Redshift	1724/ 4560469
Text color does not change during editing anymore	1586/4529594
Performance with large queries in PostgreSQL has been improved. <b>i NOTE:</b> Maximum recommended number of rows to fetch for Postgres/EDB connection is 1,000,000	1520/4550586

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Description	Issue ID
Partial fetching is now available for platforms that do not support server side fetching.	12787/4332974
Synonyms tab is available for EDB.	14512

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Description	Issue ID
You now can display all sessions in Session Browser.	13018/4361151
DBMS output is now available for Postgres and EDB Postgres	12971/4357823

## 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
Currently it is not possible to activate more than one license during silent installation on Windows	11666

## System requirements

Before installing Toad Edge 2.1, ensure that your system meets the following minimum hardware and software requirements.

# 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

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, 12	Toad Edge tested with Amazon Aurora PostgreSQL 9.5 and Microsoft Azure PostgreSQL 10.1
EnterpriseDB	9.6, 10, 11	
Amazon Redshift	1.0	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

Supported database	Version	Additional details
		<p>Tested MySQL editions: Community, Standard, Enterprise</p> <p>*Role Management and Tablespace are currently not supported for MySQL 8.0. Please use the latest driver with MySQL 8.0 support.</p>

## 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	<p>In order to view documentation an internet browser is required.</p> <p>Internet Explorer 10 or later is recommended.</p>
Screen	The minimum supported resolution is 1280 x 720. Toad Edge might launch on any resolution but some features might not be displayed correctly.

## 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		

Feature	Commercial	Freeware
Multiple statement execution	✓	✓
Execution from/to position	✓	✓
<b>Data editor</b>		
Table lookup via foreign keys	✓	✓
Basic data filters	✓	✓
Data type specific data editors	✓	✓
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	✓	✗

Feature	Commercial	Freeware
Snapshot comparison	✓	✗
<b>Versioning/Collaboration</b>		
Repository (MySQL only)	✓	✗
Continuous Integration/Continuous Delivery support	✓	✗
Native plugin solution for Jenkins	✓	✗
<b>Other application features</b>		
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

## 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 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.

# 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.

## Technical Support Resources

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