

Toad Edge® 2.0.2

Release Notes

June 2018

These release notes provide information about the Toad Edge release.

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About Toad Edge® 2.0.2

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 2.0.2 is a preview release. See [New features](#) for more information.

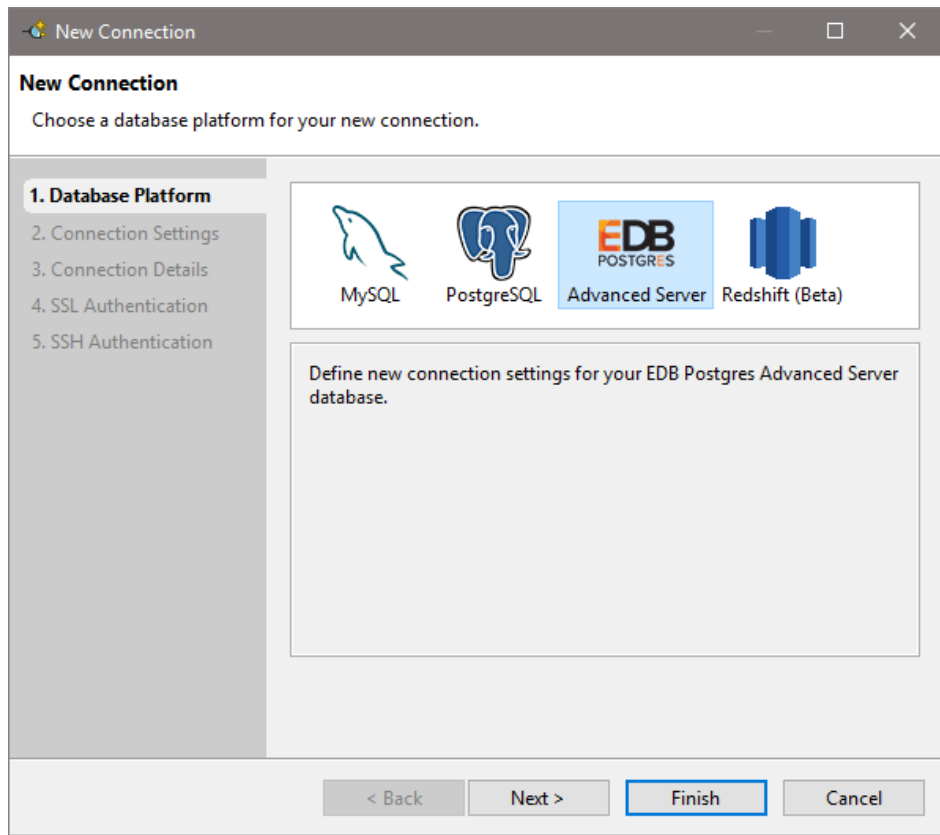
New features and enhancements of Toad Edge

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

General features

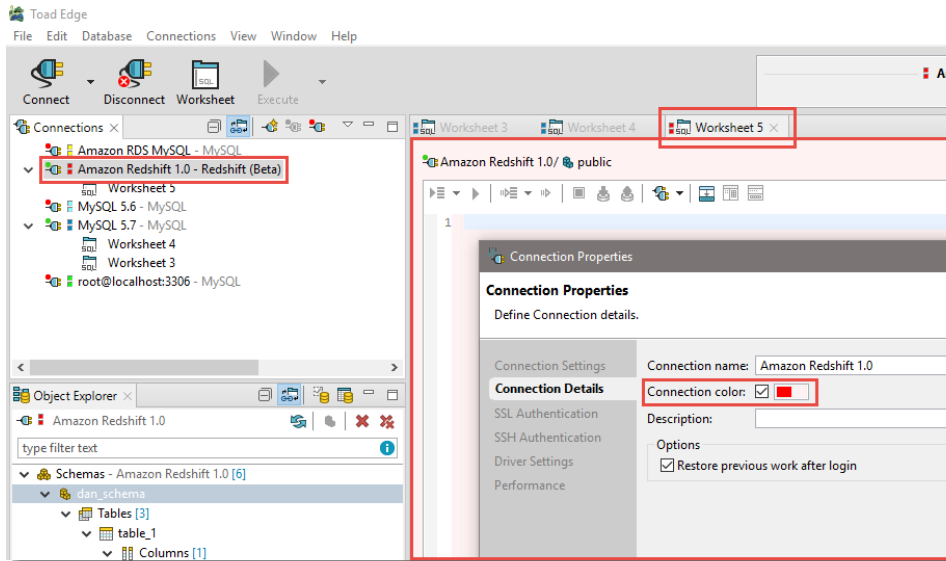
New connection wizard

- Our **New Connection** wizard will quickly guide you through the process of creating a new connection
- Add all connection details and test the new connection

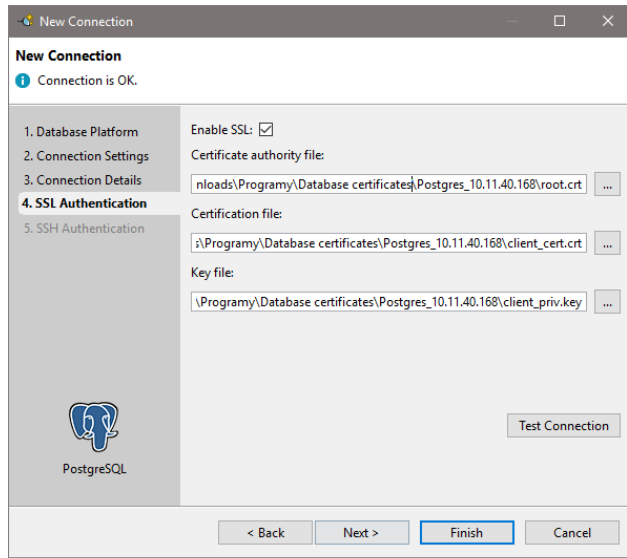


- In **Connection Details**, set a custom Connection name and Connection color. The color is used for marking a connection in **Connections** and in **Worksheet**.

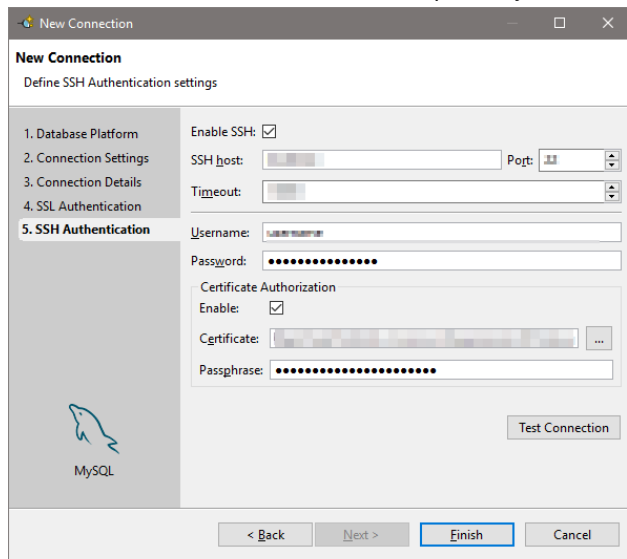
- You might also add a comment into **Description** and set more **Options** such as Autocommit



- You may also enter your SSL or SSH connection details:
 - In SSL Authentication** click Enable SSL and enter paths or click browse to set your Certificate authority file, Certification file and Key file

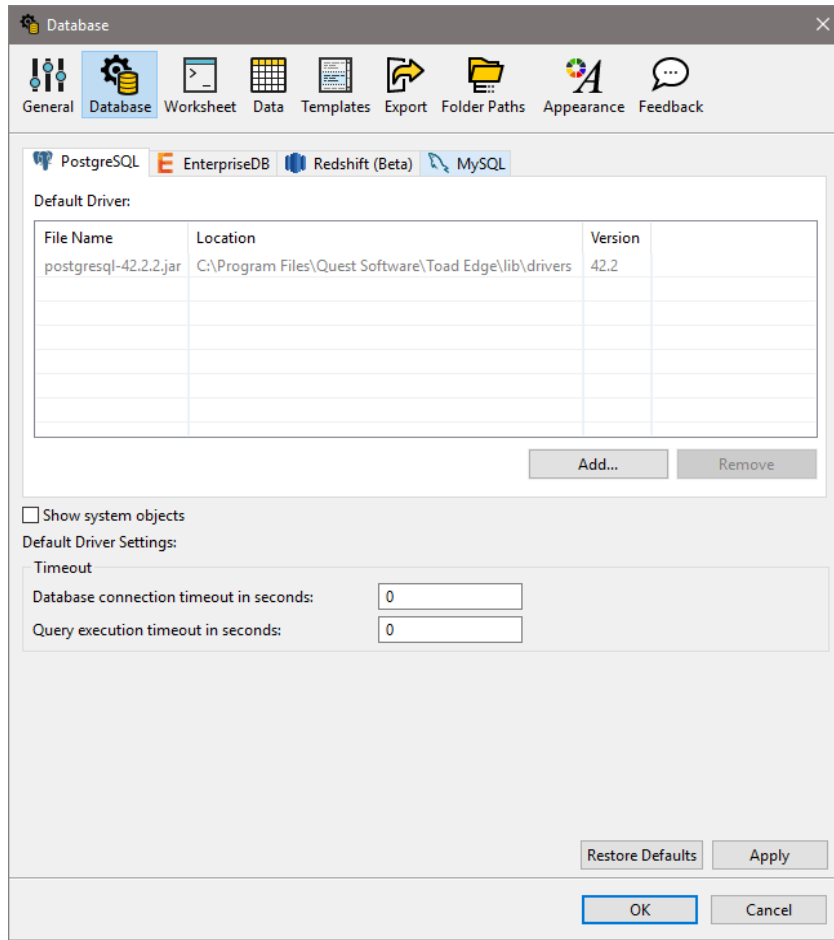


- In SSH Authentication** click Enable SSH and set your SSH connection details. Optionally, enable **Certificate Authorization** and enter the path to your certificate and your passphrase



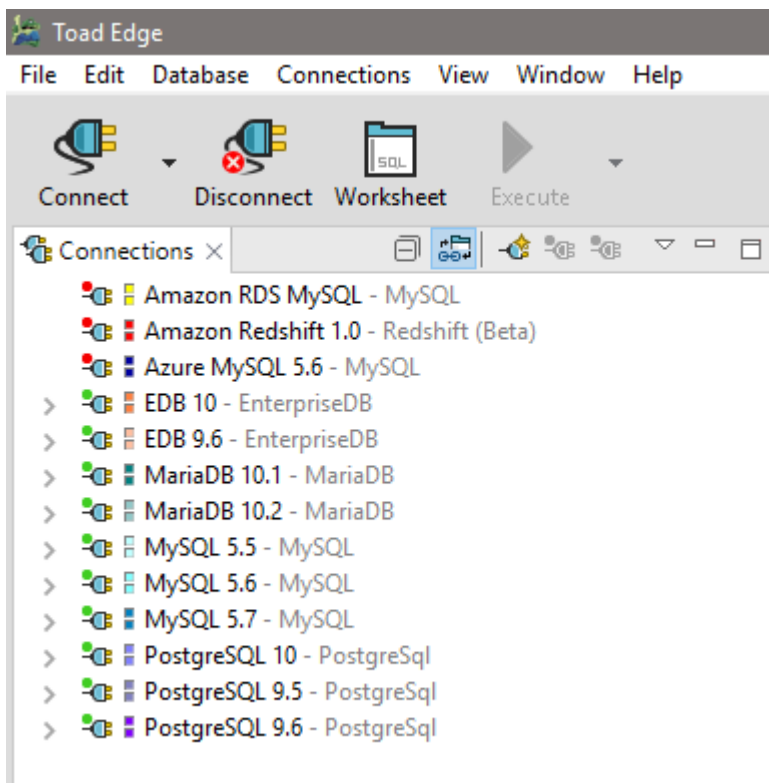
Platform-based preferences

- Add JDBC drivers for each database
- Edit connection details for every type of connection



i | **TIP:** You can also add a JDBC driver when you right-click a connection in **Connections** and select **Properties | Driver Settings**

Database features



Support for PostgreSQL

- Toad Edge now supports connection to PostgreSQL 9.5, 9.6, and 10
- Browse PG database objects in **Object Explorer** and edit them in **Object Details** editors
- Compare PG schemas and create reports
- Import and export data using **Object Explorer**

Support for EnterpriseDB

- Toad Edge now supports connection EDB Advanced Postgres Server 9.6, and 10
- Browse EDB database objects in **Object Explorer** and edit them in **Object Details** editors
- Compare EDB schemas and create reports
- Import and export data using **Object Explorer**

Support for Amazon Redshift 1.0

- Toad Edge now supports connection to Amazon Redshift 1.0
- You need to use RedshiftJDBC42-1.2.12.1017 (or newer) driver in order to connect to Amazon Redshift databases
- Support for Redshift 1.0 features is limited in Toad Edge 2.0. The following Redshift objects are supported in **Object Explorer**:
 - Databases, schemas, tables, functions, and views
- Toad Edge features are limited for Redshift and are currently considered beta
- Manual refresh (press F5) is required in case of CREATE SCHEMA or DROP SCHEMA in **Object Explorer**

Resolved issues

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

| Description | Issue ID |
|--|-----------------|
| Indexes are now generated as a part of CREATE TABLE script | 10437/4186494-1 |
| After upgrading from Toad Edge 1.0, the latest MySQL JDBC driver is mapped automatically. | 8536 |
| Toad Edge generates scripts for stored procedures, events and triggers that use dynamic SQL correctly. | 8750 |
| MySQL time values are now displayed correctly. | 8236 |
| A bug when Toad Edge could not connect to EDB higher than 10.2 has been fixed. | 10974 |
| A bug when a user was not able to open new instances of Worksheet has been fixed | 11189 |
| A bug when a user was not able to see captions in Object Explorer has been fixed | 11821 |

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 |

| Known Issue | Issue ID |
|---|----------|
| 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 |
| 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 2.0.2, 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 10.13 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 are not tested.

Database requirements

| Supported database | Version | Additional details |
|--------------------|---------------|---|
| PostgreSQL | 9.5, 9.6, 10 | 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 | 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 |

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 |
|-------------------------------------|------------|----------|
| SQL Worksheet/Editor | | |
| Advanced Content Assist | ✓ | ✗ |
| 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 | ✓ | ✓ |
| 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 | ✓ | ✗ |

| Feature | Commercial | Freeware |
|--|------------|----------|
| Generation of change scripts | ✓ | ✗ |
| Snapshots | | |
| Snapshot creation | ✓ | ✗ |
| Snapshot comparison | ✓ | ✗ |
| Versioning/Collaboration | | |
| Repository (MySQL only) | ✓ | ✗ |
| 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 | ✓ | ✗ |

Getting started with Toad Edge 2.0.2

Contents of installation package

The Toad Edge release package contains the following:

- Installation file of Toad Edge 2.0.2 (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 and with Java Runtime Environment 1.8.0_121.

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:

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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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.

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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.

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