Toad Edge® 2.2.0

Installation Guide

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Introduction

Toad Edge® can be installed from packages available on Toad World

- Windows Installer Package (MSI)
- macOS Installer Package (PKG)

Online authentication

A Quest Software account is required in order to use Toad Edge. If you do not have a Quest account yet, you can create one after launching the application.

Toad Edge requires you to perform online authentication by signing in to your Quest account at least once per every 30 days. If you are signed in to your account and Toad Edge is able to reach the authentication servers, the process is done automatically on each application launch.

At times, the authentication may not be performed for various reasons, e.g. firewall settings, lack of internet connection. In such cases, the following situations may occur:

Toad Edge has been installed, but has not been authenticated yet

- You are asked to sign in to your Quest account in order to authenticate the application for the first time and use it

Toad Edge cannot reach authentication servers. It has been less than 30 days since the last authentication

- A warning dialog is displayed. You still can access the application up until the 30 day mark

Toad Edge cannot reach authentication servers. It has been at least 30 days since the last authentication

- A warning dialog is displayed. You cannot access the application until you sign in to your Quest account

> **i** | **NOTE:** Offline method of licensing is available for users, whose connection to the internet is restricted. See Offline licensing for more information.

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	✔	✖

Feature	Commercial	Freeware
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 (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	✔	✖

Feature	Commercial	Freeware
Advanced user privilege management	✔	✖
SQL Warnings	✔	✔

Offline licensing

For users with restricted or no access to the internet Quest offers an alternative pathway of offline licensing. After having purchased an offline license of Toad Edge you will obtain a license file, e.g. license.dlv and you will not be required to sign-in to your Quest account. See Product licensing for more information.

To activate offline license on Windows

1. Create a file called license.cfg and place it in "configuration" folder in Toad Edge installation folder, e.g. "C:\Program Files\Quest Software\Toad Edge"

2. Open license.cfg and enter a path to each license file on a new line or separate them by a semi-colon (;), e.g. "C:\Users\johndoe\Documents\Licences\license.dlv".

3. Launch Toad Edge and it will automatically find the license and validate it offline

To activate offline license on macOS

1. Create or locate a file called license.cfg and place it in Applications/Toad Edge/Contents/eclipse/configuration

2. Open license.cfg and enter a path to each license file on a new line or separate them by a semi-colon (;), e.g. "Users/johndoe/Documents/Licences/license.dlv"
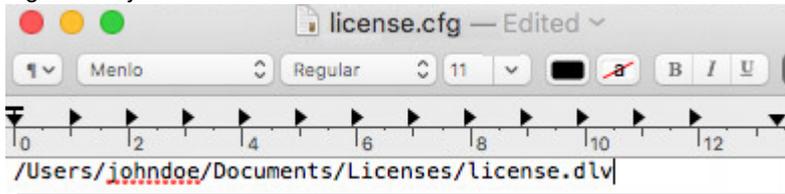
3. Launch Toad Edge and it will automatically find the license and validate it offline

ℹ **NOTE:** When using a terminal on macOS, please, keep in mind that different symbols might be inserted in place of spaces. However, these symbols must not be in the configuration file.

System requirements

Before installing Toad Edge 2.2, 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 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, 13	Toad Edge tested with Amazon Aurora PostgreSQL 9.5 and Microsoft Azure PostgreSQL 10.1
EnterpriseDB	9.6, 10, 11, 12, 13	

Supported database	Version	Additional details
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, 10.3, 10.4, 10.5	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 Advanced Server JDBC Connector 4.2, MySQL Connector/J 5.1.46, MySQL Connector/J 8.0.22, and PostgreSQL JDBC 42.2.18.

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.

Installation

This topic will guide you through the initial installation of the application up to launching it and signing up for the first time.

Windows

1. Start the Toad Edge installer (MSI). Continue past the initial screen

2. In the next dialog, accept the user license agreement by checking the **I accept...**

3. The following dialog displays the default installation path you can **Change** if you wish

4. If you would like the installation wizard to create Toad Edge shortcuts, leave the boxes in the next dialog checked. Select the file extensions you want to open in Toad Edge.

5. Once the installation wizard concludes, you can choose to launch Toad Edge and read the release notes

macOS

> **i** | **NOTE:** If you are unable to open the installation file due to a security prompt, please go to **System Preferences | Security & Privacy** and change **Allow apps downloaded from** to **App Store and identified developers**

1. Start the Toad Edge installer (PKG). Continue past the initial screen

2. By clicking **Continue** in the next dialog, you will be prompted to accept the user license agreement. Click **Agree** to proceed

3. Click **Install** to perform installation

On the first application start, you will see a sign in dialog. Enter your email address and password to **Sign In** and start using the application. If you do not have a Quest account yet, you can create one in the same dialog.

After signing in for the first time, Toad Edge will use the default Trial license for the next 30 days. During that time, you can access and try out all the features the application has to offer. To learn more about licensing and available features, please see Product licensing.

Silent Installation

ℹ **IMPORTANT:** By installing Toad Edge silently you agree to Quest Software Inc. Software Transaction Agreement. Please find the version of Software Transaction Agreement that applies to you according to your geographic location here.

To install Toad Edge silently on Windows

1. Launch Command Prompt as Administrator and enter the following command:
   ```
   msiexec /i "ToadEdge_version.number._x64_En.msi" /qn
   ```
   e.g.
   ```
   msiexec /i "ToadEdge_2.2_x64_En.msi" /qn
   ```
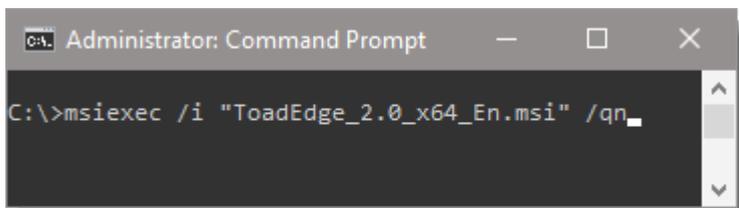

2. Toad Edge installs silently on the background

To activate offline license silently on Windows

1. Launch Command Prompt as Administrator and enter the following command:
   ```
   msiexec /i "ToadEdge_version.number._x64_En.msi" /qn LICENSE="path_to_license_file"
   ```
   e.g.
   ```
   msiexec /i "ToadEdge_2.2_x64_En.msi" /qn
   LICENSE="C:\Users\johndoe\Documents\Licences\license.dlv"
   ```
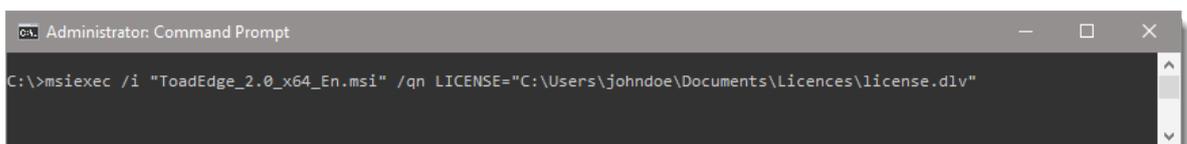

2. Toad Edge installs silently on the background

ℹ **NOTE:** Currently it is not possible to add more licenses for silent installation on Windows.

If you want to log progress of the installation, please, add the following:
```
/l*v "log.log"
```
e.g.
```
msiexec /i "ToadEdge_2.2_x64_En.msi" /qn
LICENSE="C:\Users\johndoe\Documents\Licences\license.dlv" /l*v "log.log"
```

To install Toad Edge silently on macOS

1. Launch Terminal and enter the following command:
   ```
   sudo installer -pkg ToadEdge_version.number.pkg -target /
   ```
   e.g.
   ```
   sudo installer -pkg ToadEdge_2.2.pkg -target /
   ```

Uninstallation

To uninstall Toad Edge on Windows systems, open **Control Panel** and find and remove Toad Edge in:

- **Programs and Features** (Windows Vista, Windows 7, Windows 8)
- **Apps and Features** (Windows 10)

To uninstall Toad Edge on macOS systems, first open the **Applications** folder. Now either drag the Toad Edge icon to **Trash** or right-click Toad Edge and select **Move to Trash**.

> **i** | **NOTE:** Application data is not removed when the application is uninstalled. To remove the data, please delete the following folder:
>
> - **Windows** - *drive_name*:\Users*user_name*\AppData\Roaming\Quest Software\Toad Edge
> - **macOS** - *drive_name*/users/*user_name*/Library/Containers/com.quest.Toad

About Quest

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.

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