Toad® Data Modeler 9.0

Installation Guide

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Getting Started

Open and unzip the installation package that contains:

- Installation file (MSI)
- Release Notes (PDF)
- Installation Guide (PDF)

Pre-Installation

1. Starting with Toad Data Modeler 5.4, all databases are now installed with the application. You can enable/disable them after installation in the application itself.
2. To install Toad Data Modeler successfully, **Administrator privileges** are necessary.
3. Toad Data Modeler supports side-by-side installation.
    - **Upgrade** – New version of Toad Data Modeler is installed to the same folder where the previous version was installed.
    - **Side-by-side Installation** - New version of Toad Data Modeler is installed to another location.
4. Limitations of trial version: 30 - day trial period and multiple features limited to a maximum of 25 entities.
5. Do NOT open and resave models originally created in a developmentally higher version of Toad Data Modeler (e.g. in v. 5.2.x) in lower version of Toad Data Modeler (e.g. in v. 5.0.5).
6. Version 5.2 contains new system of relationship lines. Models created in version 5.1 and lower are automatically converted to the newer format. Backup your models prior to opening them in version 5.2 or newer.
7. Do NOT install commercial version to BETA version folders. BETA uses different folders for configuration files and other default directories than Toad Data Modeler Commercial version. You can install and use both versions on one computer. However, Do NOT install commercial version to BETA version folders.
8. Import and export of settings between Toad Data Modeler versions is possible (see **Settings Menu** | **Options** | **Import** and **Export** buttons.)

Toad Data Modeler Freeware

Important: Toad Data Modeler Freeware:

- expires on February 11, 2026 or 380 days after first run.
- has some limitations. For more information see the list of limitations in **Installation Guide**.

Freeware Version Limitations

Freeware version of Toad® Data Modeler does not require a license.

Functionality Restrictions

Freeware version of Toad Data Modeler has the following restrictions:

- **Save Model** – You can save a model with max 25 entities.
- **Preview** – You can preview a model with max 25 entities.
- **Print** – You can print a model with max 25 entities.
- **Export to Graphic File** – You can export a model with max 25 entities to graphic file.
- **Alter Report** – You can generate alter report for a model with max 25 entities.
- **Report** – PDF reports with watermark are limited to a maximum of 25 entities. Number of reported other objects is not limited. HTML and RTF reports cannot be generated.
- **XSL Transformation Report** – You can generate the XSL Transformation report only for first 25 entities of the model. Other objects (procedures, functions etc.) don't have any limitation.
- **SQL/DDL Script Generation** – You can generate SQL/DDL script only for first 25 entities of the model. Other objects (procedures, functions etc.) don't have any limitation.
- **Change Script Generation** – This feature is not available at all.
- **Reverse Engineering** – Reversing database schema is limited to 25 entities. Other objects have no limitation.
- **Undo** – Only one step back is available in Freeware version.

System Requirements

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

	Minimal Requirements	Optimal
Memory	1 GB	4 GB
Hard Disk Space	400 MB	1 GB
Operating System	Microsoft Windows 11 (64-bit) Microsoft Windows 10 (64-bit) Microsoft Windows Server 2025 (64-bit) Microsoft Windows Server 2022 (64-bit) Microsoft Windows Server 2019 (64-bit)	
Other Requirements	.NET 4.0 or later	

Review the following information about Toad Data Modeler supported databases:

Database Server	Toad Data Modeler provides full support to the databases listed below: • Amazon® Aurora MySQL 5.6 • Amazon® Aurora PostgreSQL 9.5 • Amazon® Redshift 1.0 • IBM® DB2® z/OS® 11 • IBM® DB2® LUW 10.1, 10.5, 11.1, 11.5 • Greenplum Database® 4.2 • Ingres 10.0 • EDB PostgreSQL Advanced Server 10 • Microsoft® Access® 2013-2019, incl. Office 365 • Microsoft® Azure® SQL Database V12 • Microsoft® SQL Server® 2012, 2014, 2016, 2017, 2019, 2022 • MySQL 5.6, 5.7, 8.0 • Oracle® 11g R1, 11g R2, 12c R1, 12c R2, 18c, 19c, 21c, 26ai (Tolerance support) **NOTE:** Connections to **Oracle 26ai** must be configured using the **Oracle 21** Connect option. • PostgreSQL 10, 11, 12, 13, 14, 15, 16, 17, 18 **NOTE:** Connections to **PostgreSQL 13, 14, 15,** and **16** must be configured using the **PostgreSQL 17** or **18** Connect option. • SQLite 3.7, 3.32

	• SAP® SQL Anywhere 17 • SAP® ASE 16.0 • Sybase® ASE 15.7 • Sybase® IQ 15.2 • Teradata 13, 16.2 • Vertica Database 8.0 • Other (Universal Model) **IMPORTANT:** You can also create and work with models from other versions of databases that have been deprecated by their production companies. Toad Data Modeler cannot provide fixes and provide support for more features of these databases. Uncheck **Show Supported Databases Only** to display all databases that you can create and open models for.
Cloud Database Server	• Oracle databases running on Amazon EC2 • Oracle Database as a Service • SQL Server running on Microsoft Azure • MySQL database running on Amazon RDS • PostgreSQL database running on Amazon RDS

Virtual Appliances

Review the following information about using Toad Data Modeler in virtual environments:

Requirement	Details
Application	Toad Data Modeler has been tested for Citrix support on the Citrix XenApp 6.5.
Desktop (VDI)	Issues during printing using virtual printers - The problem occurs only in case of print from a local machine (all printers from local machine are visible on vWorkspace). If the virtual printer is installed on vWorkspace directly, the issue will not occur.
Server	Oracle VM 3.0 Toad Data Modeler has been tested with ESXi VMware 5.5.

Note:Toad Data Modeler may work correctly in virtual environments other than the tested ones. In case of virtual servers, support forToad Data Modeler is provided on the basis of supported operating systems.

Supported Databases

Toad Data Modeler provides full support to the databases listed below:

- Amazon® Aurora MySQL 5.6
- Amazon® Aurora PostgreSQL 9.5
- Amazon® Redshift 1.0
- IBM® DB2® z/OS® 11
- IBM® DB2® LUW 10.1, 10.5, 11.1, 11.5
- Greenplum Database® 4.2
- Ingres 10.0
- EDB PostgreSQL Advanced Server 10
- Microsoft® Access® 2013-2019, incl. Office 365
- Microsoft® Azure® SQL Database V12
- Microsoft® SQL Server® 2012, 2014, 2016, 2017, 2019, 2022
- MySQL 5.6, 5.7, 8.0
- Oracle® 11g R1, 11g R2, 12c R1, 12c R2, 18c, 19c, 21c, 26ai (Tolerance support)
  NOTE: Connections to **Oracle 26ai** must be configured using the **Oracle 21** Connect option.
- PostgreSQL 10, 11, 12, 13, 14, 15, 16, 17, 18
  NOTE: Connections to **PostgreSQL 13, 14, 15,** and **16** must be configured using the **PostgreSQL 17** or **18** Connect option.
- SQLite 3.7, 3.32
- SAP® SQL Anywhere 17
- SAP® ASE 16.0
- Sybase® ASE 15.7
- Sybase® IQ 15.2
- Teradata 13, 16.2
- Vertica Database 8.0
- Other (Universal Model)

IMPORTANT: You can also create and work with models from other versions of databases that have been deprecated by their production companies. Toad Data Modeler cannot provide fixes and provide support for more features of these databases. Uncheck **Show Supported Databases Only** to display all databases that you can create and open models for.

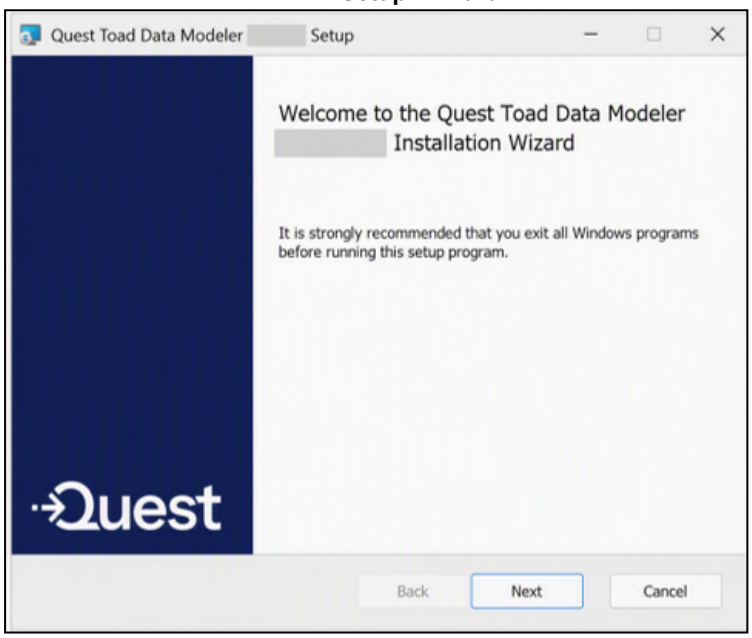
Details of Database Support

Supported Database System	Reverse Engineering		Change Script Generation	SQL/DDL Code Generation
	From a Database	From a SQL File		
Amazon Aurora MySQL	●	●	●	●
Amazon Aurora PostgreSQL	●	●	●	●
Amazon Redshift	●	○	○	●
IBM DB2 z/OS	●	○	○	●
IBM DB2 LUW	●	●	●	●
Greenplum	●	○	●	●
Ingres	●	○	○	●
EDB Postgres Advanced Server	●	○	●	●
Microsoft Access	●	○	○	●
Microsoft Azure SQL Database	●	●	●	●
Microsoft SQL Server	●	●	●	●
MySQL	●	●	●	●
Oracle	●	●	●	●
PostgreSQL 10.0 and newer	●	●	●	●
SQLite	●	○	○	●
SAP ASE	●	○	○	●
Sybase ASE	●	○	○	●
Sybase IQ	●	○	○	●
SAP SQL Anywhere	●	○	○	●
Teradata	●	○	○	●
Vertica Database	●	○	○	●
Other databases (Universal Model)	●	○	○	○

Note: Toad Data Modeler includes also support of Universal DB/ANSI Models. See **Universal DB/ANSI Model** for more information.

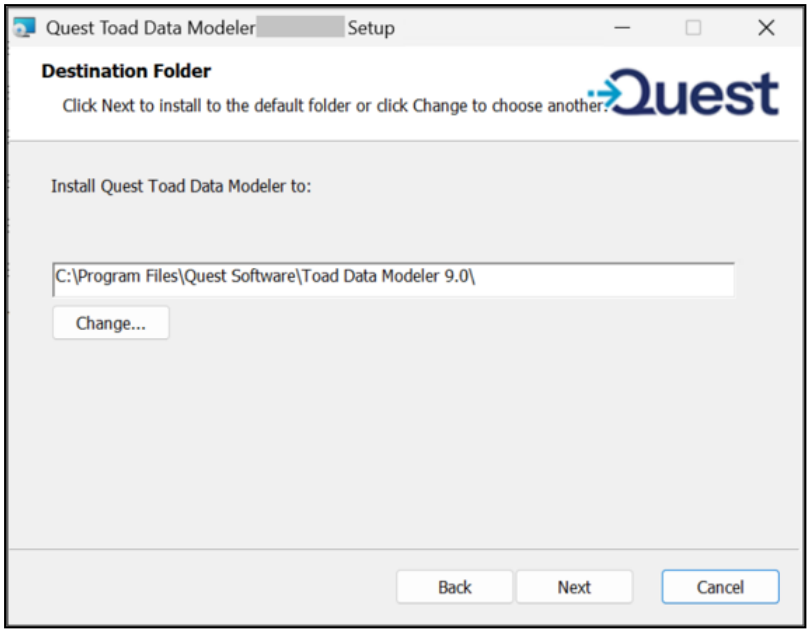
Installation

1. Run the Toad Data Modeler **Setup Wizard**.



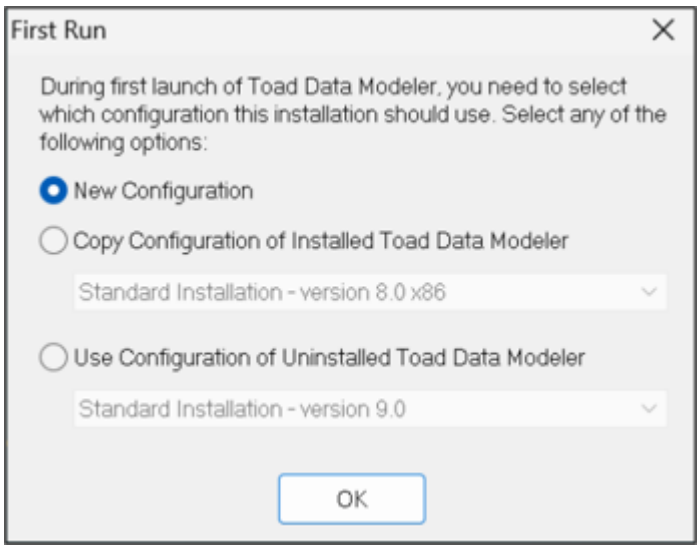
2. Read the License Agreement and check “I accept...” to proceed with the installation.

3. Change the installation path or install to the default directory.



4. Check the application shortcuts that will be created. Click **Install** to begin the installation.
5. Toad Data Modeler will be installed on your computer. Once the installation process is completed, you can choose to run the application or view Release Notes immediately after clicking **Finish**.

6. Once you launch the installed version of Toad Data Modeler, the **First Run** dialog appears. You can choose to use configuration from previous installations or create a new one. Only **New Configuration** is available for a clean installation.



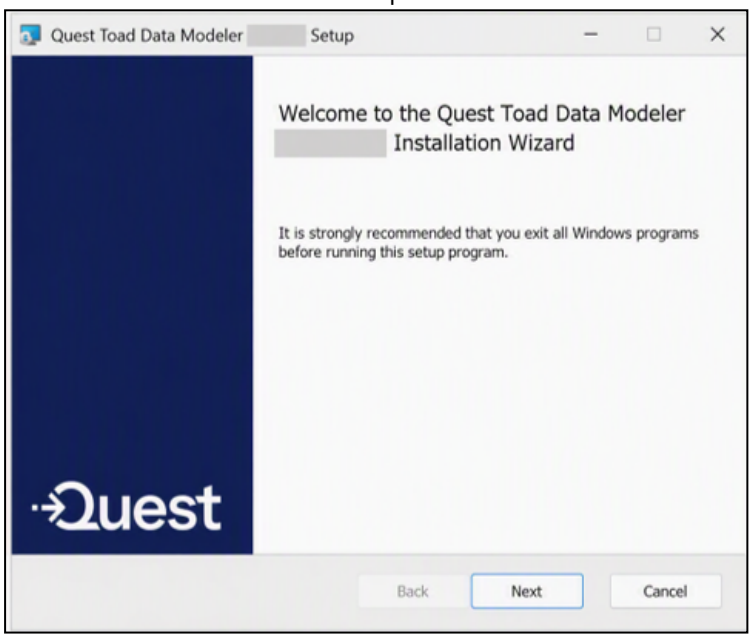
7. Enter a name for the configuration of the installation.
8. Toad Data Modeler starts in trial mode. Click **Continue** to evaluate Toad Data Modeler, or **Enter** your license key.

Note: For more information on location of Toad Data Modeler files see Default Locations

Upgrade

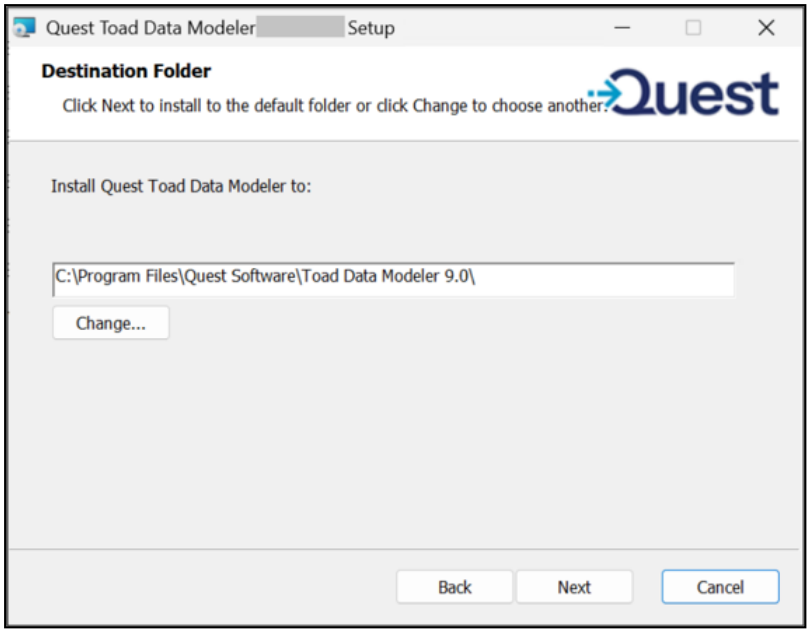
Upgrade installation path is selected in case a previous version of Toad Data Modeler has been installed on your system.

1. Run the Toad Data Modeler Setup Wizard.



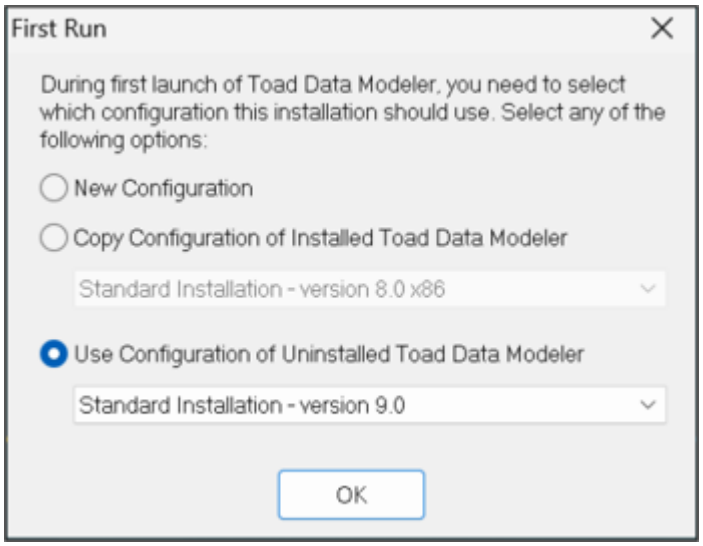
2. Read the License Agreement and check “I accept...” to proceed with the installation.

3. Change the installation path or install to the default directory.



4. Check the application shortcuts that should be created. Click **Install** to begin the installation.
5. Toad Data Modeler will be installed on your computer. Once the installation process is completed, you can choose to run the application or view Release Notes immediately after clicking **Finish**.

6. Once you launch the installed version of Toad Data Modeler, the **First Run** dialog appears. Select a configuration from previous installations or create a new one.



7. Enter a name for the configuration of this installation.
8. Toad Data Modeler starts in trial mode. Click **Continue** to evaluate Toad Data Modeler, or **Enter** your license key.

Note: Settings can be also imported in the application via **Settings Menu** | **Options** | **Import**. You can either:

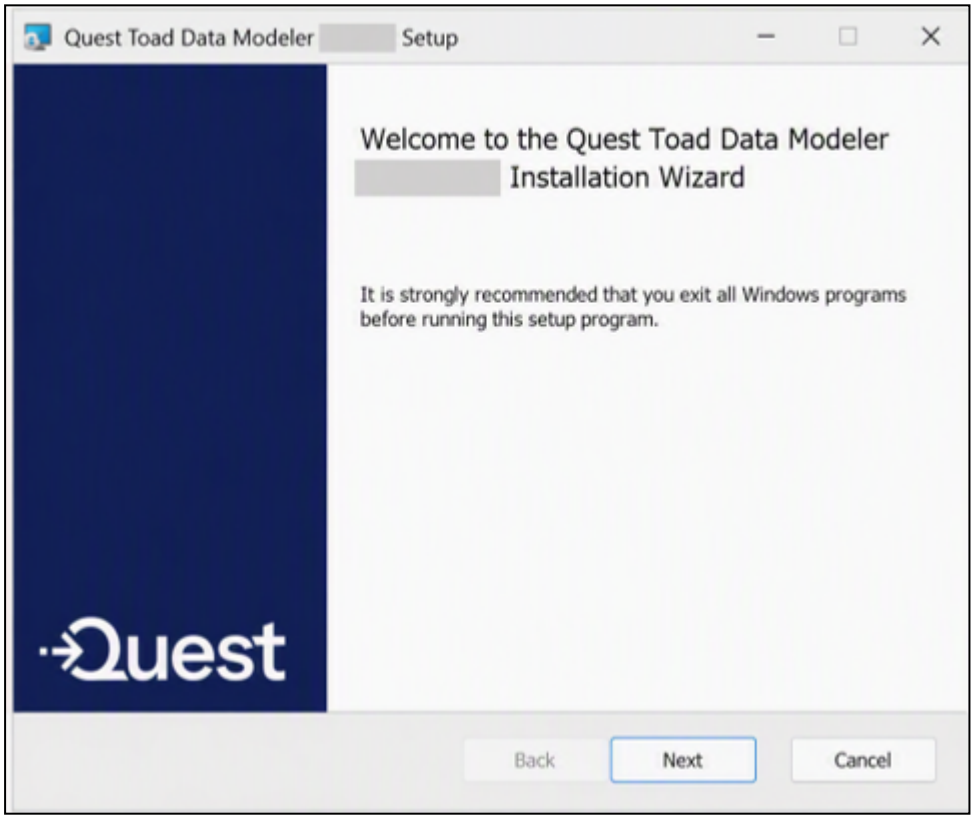
- **Import from Folder** - Navigate to a configuration folder of a Toad Data Modeler installation to import the settings.
- **Import from Other Installation** - The application tries to find other installations of Toad Data Modeler in default folders. If it succeeds, you can choose one to import settings from.

Side-by-Side Installation

Upgrade installation path is selected in case a previous version of Toad Data Modeler has been installed on your system.

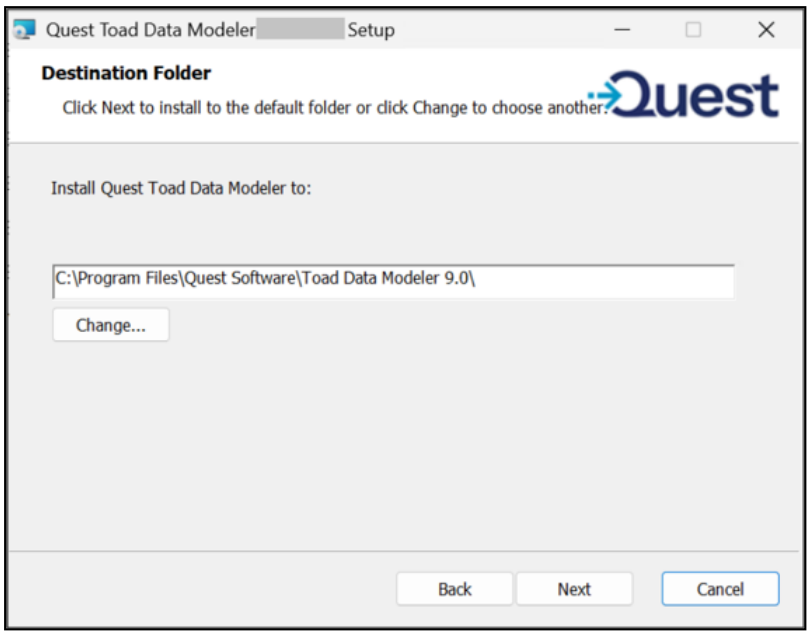
To install Toad Data Modeler side-by-side:

1. Run the Toad Data Modeler**Setup Wizard**. Click **Next** on the introduction screen.

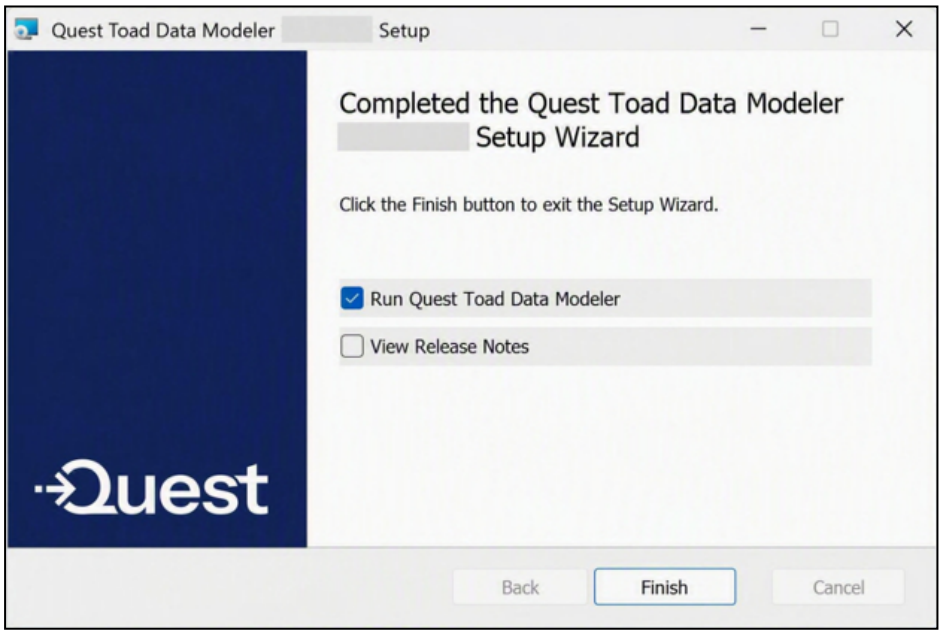


2. Read the License Agreement and check “I accept...” to proceed with the installation.

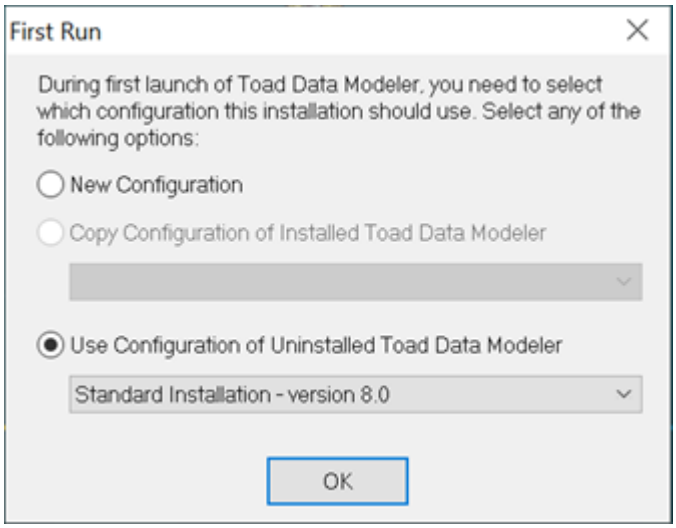
3. Change the installation path or install to the default directory. In case of side-by-side installation, make sure that your installation folder is **different** from the installation folder of the previous version.



4. Check the application shortcuts that will be created. Click **Install** to begin the installation.
5. Toad Data Modeler will be installed on your computer. Once the installation process is completed, you can choose to run the application or view Release Notes immediately after clicking **Finish**.



6. Once you launch the installed version of Toad Data Modeler, the **First Run** dialog appears. You can choose to use configuration from previous installations or create a new one.



7. Toad Data Modeler starts in trial mode. Click **Continue** to evaluate Toad Data Modeler, or **Enter** your license key.

Note: Settings can be also imported in the application via **Settings Menu** | **Options** | **Import**. You can either:

- **Import from Folder** - Navigate to a configuration folder of a Toad Data Modeler installation to import the settings.
- **Import from Other Installation** - The application tries to find other installations of Toad Data Modeler in default folders. If it succeeds, you can choose one to import settings from.

Silent Installation

To perform a silent installation of Toad Data Modeler, you must have access to the *setup.MSI* file. It can be run from command line using switch "*/q*" and properties to customize the installation.

Properties

Property (command line option)	Description
SUPPRESSCOLLECTUSAGEATFIRSTRUN=1	Disables sending anonymous user data feedback function in the installed application.
INSTALLDIR	Specifies the installation folder. If unspecified, default installation folder is used.
ADDLOCAL	Used with several other arguments to determine which application shortcuts should be created. • Complete - needs to be used to install the entire application. • SHORTCUTDESKTOP - creates the application shortcut on desktop. • SHORTCUTSTARTMENU - creates the application shortcut in Start Menu. • SHORTCUTQUICKLAUNCH - creates the application shortcut in Quick Launch bar.

Examples

Install Toad Data Modeler to a custom folder

setup.msi /q INSTALLDIR="C:\Toad Data Modeler\"

Install Toad Data Modeler to default folder, create all shortcuts

setup.msi /q
ADDLOCAL=Complete,SHORTCUTDESKTOP,SHORTCUTSTARTMENU,SHORTCUTQUICKLAUNCH

Other parameters for silent installs can be found after you run “setup.msi ?” command.

Uninstallation

To uninstall Toad Data Modeler

- Select **Control Panel** | **Programs and Features**. Find the specific installation of Toad Data Modeler and click **Uninstall**.

Note: User files are not deleted during uninstallation. They are stored in the following folders:

- **Saved user files (models, connections, scripts...)**
  - *C:\Users\{username}\My Documents\Toad Data Modeler* (Windows 7 and newer)
  - *C:\Documents and Settings\{username}\My Documents\Toad Data Modeler* (Windows Vista)
- **Configuration files**
  - *C:\Users\{username}\AppData\Roaming**Quest Software**\Toad Data Modeler*
  - *C:\Documents and Settings\{user name}\Application Data**Quest Software**\Toad Data Modeler* (Windows Vista)

To uninstall Toad Data Modeler completely, please delete these folders as well (note that you will lose all of your saved files and configuration).

Note: For more information on location of Toad Data Modeler files see Default Locations

Trial Version Information

Limitations of Trial Version

- **30 – day trial period**
- **25 – entity limit for the following features** (the restrictions relate to both physical and logical models)

Functionality Restrictions

- **Save Model** – You can save a model with max 25 entities.
- **Preview** – You can preview a model with max 25 entities.
- **Print** – You can print a model with max 25 entities.
- **Export to Graphic File** – You can export a model with max 25 entities to graphic file.
- **SQL/DDL Script Generation** – You can generate SQL/DDL script only for first 25 entities of the model. Other objects (procedures, functions etc.) don't have any limitation.
- **Report** - You can generate HTML/RTF/PDF report for a model with max 25 entities.
- **Alter Report** – You can generate alter report for a model with max 25 entities.
- **XSL Transformation Report** – You can generate the XSL Transformation report only for first 25 entities of the model. Other objects (procedures, functions etc.) don't have any limitations.

Default Locations

Toad Data Modeler saves configuration files and user files to separate folders:

Installation #

- **Configuration files** and **Version Control files** are stored in this folder.
- Default path: *C:\Users\{username}\AppData\Roaming**Quest Software**\Toad Data Modeler\Installation #*.
- The **Installation** folder number increases by one for every installation of Toad Data Modeler.

> Note: Starting from Toad Data Modeler 6.0, the **Installation #** folder has been replaced with **Configuration x86 #** and **Configuration #** for **32-bit** and **64-bit** versions of Toad Data Modeler respectively.

Standard Installation # (can be renamed by user during application first run)

- **Connections, models, user packages etc.** are stored in this folder.
- Default path: *C:\Users\{user name}\My Documents\Toad Data Modeler\Standard Installation #*

Toad Data Modeler folder in **My Documents**

- Contains **Standard Instalation #** folder
- Also contains **Reports**, **Logs** and **GeneratedScripts** folders, they are default save locations for user files created in Toad Data Modeler

After Installation

Toad Data Modeler application is installed in: *"C:\Program Files (x86)\Quest Software\Toad Data Modeler 9.0*" (32-bit) or in *"C:\Program Files\Quest Software\Toad Data Modeler 9.0* " (64-bit). The following directories can be found there:

- **BIN**
  Contains executable files (TDM.exe) and some libraries used for Reverse Engineering.
- **Configs**
  The configuration files of default Toad Data Modeler settings and layout are stored here.
- **Documents**
  Directory with Toad Data Modeler documentation – Help file, Reference Guide, License Agreement and Third Party License.
- **Naming Conventions**
  Directory with .csv files that can be imported and used in glossaries for naming conventions in Toad Data Modeler.

- **Packages**
  System packages and **metamodels** are stored in **System** subdirectory. Default *My Package* and **Templates** package are stored in **User** subdirectory.
- **Samples**
  Directory with sample Toad Data Modeler models and galleries.
- **Selected OTPs**
  Directory with .txo files for each supported database platform and logical model, containing Default (System) Selected Object Types and Properties.
- **Sources**
  Directory containing source files that must be made publicly available based on licensing.
- **Styles**
  Default CSS styles for report generation.
- **Version Manager**
  Definition files for Version Manager.
- **XSL**
  Directory with .xslt files - templates for XSL transformation.
- **Installation Guide document**
  Document with information on the product version release.

After First Run

After you run the application, new directories will be created in your *My Documents* directory. Toad Data Modeler saves files to these directories by default. They are preserved when you upgrade or uninstall the application.

Another set of directories will be also created in **C:\Users\{user name}\AppData\Roaming\Quest Software\Toad Data Modeler\Installation #**. The files stored there are mainly configuration files of the application features and tools.

See which directories are generated after Toad Data Modeler first launch:

C:\Users\{user name}\AppData\Roaming\Quest Software\Toad Data Modeler\Installation #

- **Configs**
  Configuration files are stored there, as well as *TDM.txe* file (contains saved application layout, delete to restore the default layout).
- **Version Manager**
  User created Version Manager structure can be found in this folder.

C:\Users\{user name}\My Documents\Toad Data Modeler\{Installation name}

- **Connections**
  Contains stored Connections created by user.
- **Convertor Options**
  Contains stored Gallery Convertor Options configuration.
- **Galleries**
  Default user galleries directory.
- **Models**
  Default directory for models created in Toad Data Modeler.

- **Naming Conventions**
  Default directory for naming convention definitions (.txn files) created in Toad Data Modeler.
- **Packages**
  Directory with metamodels and packages (.txg files). User packages and add-ons are also stored here, including the *Templates.txg* package.
- **Projects**
  Default Projects directory.
- **Scripts**
  Default Scripts directory.
- **Selected OTPs**
  Directory with User Selected Object Types and Properties.
- **Styles**
  Default path to CSS styles for reports.
- **XSL**
  Contains stored .xslt files for XSL transformation.

C:\Users\{user name}\My Documents\Toad Data Modeler

- **Generated Scripts**
  DDL/SQL scripts generated in the application are saved here by default.
- **Logs**
  Default directory for various Logs generated by Toad Data Modeler.
- **Reports**
  Directory where HTML, RTF reports, PDF and XSLT outputs are generated.

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- 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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