

Toad Data Modeler[®] 5.1

Installation Guide

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Toad Data Modeler 5.1

Installation Guide

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Introduction

Open and unzip the installation package that contains:

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

Notes before Installation:

1. If you have installed any version of Toad Data Modeler (TDM) using the TDM stand alone installer and run any of the Toad bundles that contain Toad Data Modeler, the Quest Installer will display incorrectly that Toad Data Modeler has not been installed.
2. Installing features for Toad Data Modeler: During the initial installation of Toad Data Modeler you have the option to install support for the various database platforms, using the new 'Features' functionality within the Quest Installer (QI). If you want to add new features (after TDM is already installed), you must do so from the Control Panel via the Add or Remove Programs section in your operating system.
3. To install Toad Data Modeler successfully, Administrator privileges are necessary.
4. Toad Data Modeler supports side-by-side installation.
 - Upgrade – New version of Toad Data Modeler is installed to the same folder where previous version was installed.
 - Side-by-side Installation - New version of Toad Data Modeler is installed to another location.
5. Limitations of trial version: 30 - day trial period and multiple features limited to a maximum of 25 entities.
6. Do NOT open and resave models originally created in a developmentally higher version of Toad Data Modeler (e.g. in v. 5.0.5) in lower version of Toad Data Modeler (e.g. in v. 3.5.10).
7. Note for users of Toad Data Modeler BETA: 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.

System Requirements

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

	Minimal Requirements	Optimal
Platform	Pentium IV	Pentium dual core
Memory	512 MB	4 GB
Hard Disk Space	200 MB	400 MB
Operating System	Microsoft Windows XP (32-bit or 64-bit, Service Pack 2) Microsoft Windows Vista (32/64-bit) Microsoft Windows Server 2003 (32/64-bit, Service Pack 2) Microsoft Windows Server 2008 (32/64-bit) Microsoft Windows Server 2008 R2 (64-bit) Microsoft Windows 7 (32/64-bit) Microsoft Windows 8 PRO (64-bit)	

Virtualization Support

Before installing Toad Data Modeler, review the following for virtualization support:

Application Virtualization	Toad Data Modeler has been tested for Citrix support on Windows XP using the XenApps 5.0 Server.
Desktop Virtualization (VDI)	Toad Data Modeler has been tested with the following: Quest vWorkspace 7.0 running on Windows XP (32-bit) Note: Problem during print on virtual printer - The problem occurs only in case of print from local machine (all printers from local machine are visible on vWorkspace). If the virtual printer is installed on vWorkspace directly, the problem doesn't occur.
Server Virtualization	Oracle VM 3.0 Toad Data Modeler has been tested with VMware Server 2 running on Windows 7.





















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

Supported Database Platforms

Toad Data Modeler supports the following database platforms:

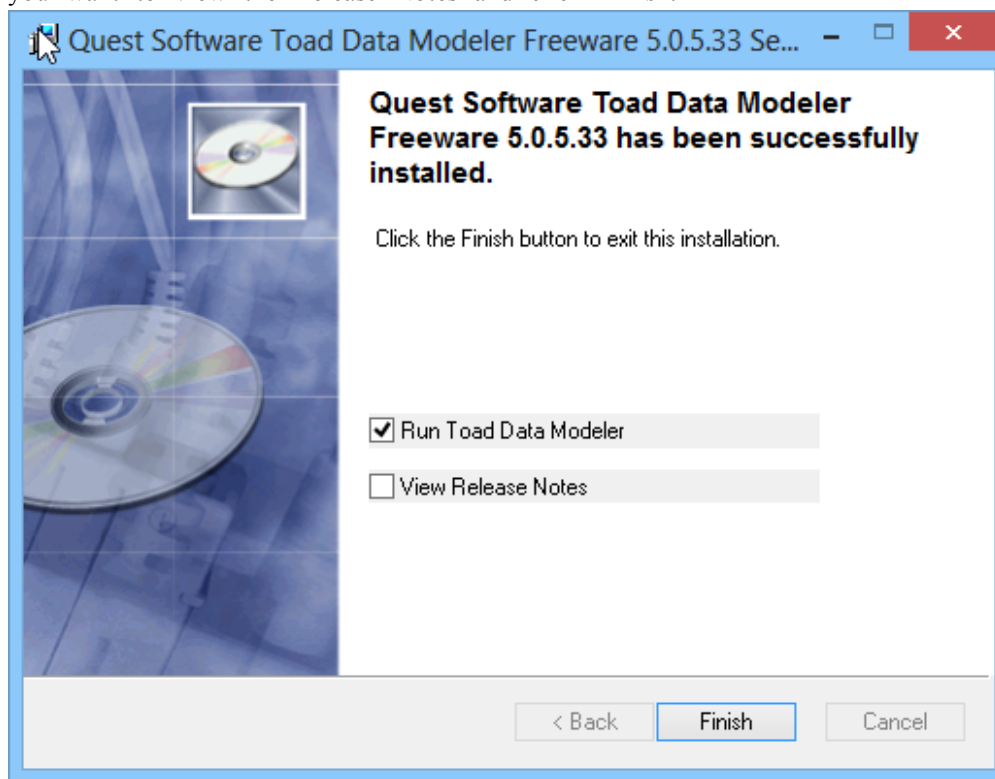
Supported Database System	Reverse Engineering	Import From SQL File	Alter Script Generation	SQL/DDDL Code Generation
DB2 z/OS v. 10				
DB2 z/OS v. 9				
DB2 v. 10.1 (LUW)				
DB2 v. 9.7 (LUW)				
DB2 v. 9.5 (LUW)				
DB2 v. 9 (LUW)				
DB2 UDB v. 8 (LUW)				
Ingres 10.0				
Ingres 9.3				
Greenplum 4.2				
Greenplum 4.1				
Microsoft Access 2007/2010				
Microsoft Access 2000-2003				
Microsoft SQL Azure				
Microsoft SQL Server 2012				
Microsoft SQL Server 2008				

Supported Database System	Reverse Engineering	Import From SQL File	Alter Script Generation	SQL/DDDL Code Generation
Microsoft SQL Server 2005	✓	✓	✓	✓
Microsoft SQL Server 2000	✓	—	✓	✓
MySQL 5.5	✓	✓	✓	✓
MySQL 5.1	✓	✓	✓	✓
MySQL 5.0	✓	✓	✓	✓
Oracle 12c	✓	—	✓	✓
Oracle 11g R2	✓	✓	✓	✓
Oracle 11g R1	✓	✓	✓	✓
Oracle 10g	✓	✓	✓	✓
Oracle 9i	✓	✓	✓	✓
PostgreSQL 9.2	✓	—	✓	✓
PostgreSQL 9.1	✓	—	✓	✓
PostgreSQL 9.0	✓	—	✓	✓
PostgreSQL 8.4	✓	—	✓	✓
PostgreSQL 8.3	✓	—	✓	✓
PostgreSQL 8.2	✓	—	✓	✓
PostgreSQL 8.1	✓	—	✓	✓
SQLite 3.7	✓	—	—	✓
Sybase ASE 15.7	✓	—	—	✓
Sybase ASE 15.5	✓	—	—	✓
Sybase ASE 15	✓	—	—	✓

Supported Database System	Reverse Engineering	Import From SQL File	Alter Script Generation	SQL/DDDL Code Generation
Sybase ASE 12.5				
Sybase IQ 15.2				
Sybase SQL Anywhere 11				
Teradata 13				
Other databases (Universal Model)				

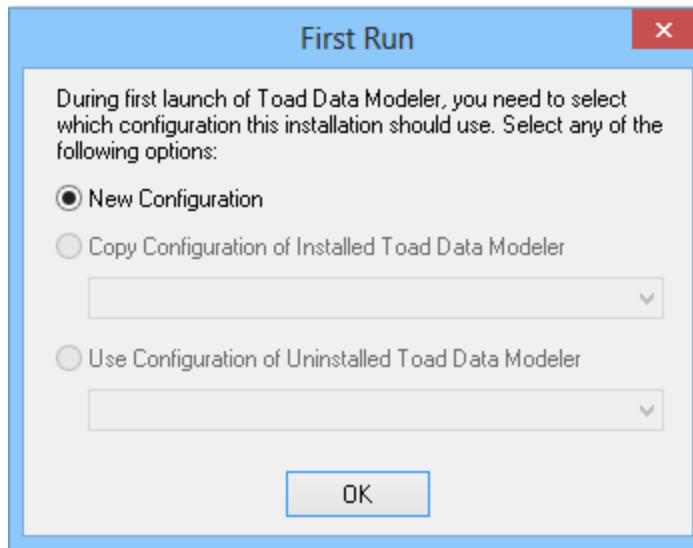
First Installation (Clean Install)

1. Run the Toad Data Modeler Setup Wizard and go through the installation process.
Default path where Toad Data Modeler is installed:
C:\Program Files\Quest Software\Toad Data Modeler 5.1
2. Select what features (support for various database systems) you want to install.
3. In the end of the installation process, select **Run Toad Data Modeler**, chose if you want to view the Release Notes and click **Finish**.

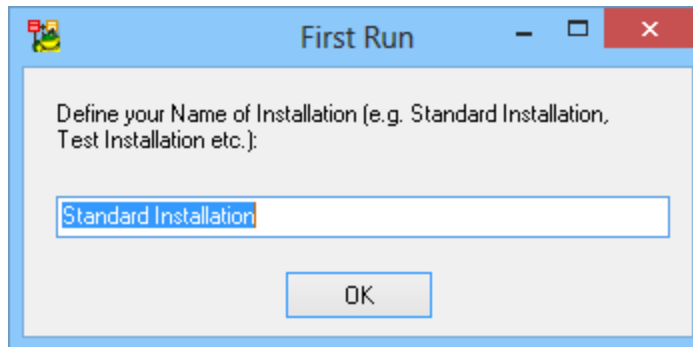


Note: Toad Data Modeler allows side-by-side installation. Although this is your first installation, Toad Data Modeler needs to create a new Installation folder where configuration settings and other files will be saved. Therefore, the following dialog will occur.

Only New Configuration option is available. Click **OK**.



4. Name the Installation folder. *Standard Installation* is a default name. Confirm **OK**.



5. Toad Data Modeler opens in a trial mode. If you have obtained your commercial key, click **Enter Commercial Key** and enter your license key.

Note: After you install Toad Data Modeler, a new installation folder will be created in your User (Documents and Settings) directory – *Standard Installation*.

Upgrade

If you select this installation method, it means that:

- You had Toad Data Modeler installed on your computer (v. 4.3.x or previous) and uninstalled it before the new version installation.

OR

You did not uninstall previous version and still have Toad Data Modeler (v. 4.3.x or previous) installed on your computer.

- You install the new version to the **same location** where the previous version is.

Steps:

1. Run the Toad Data Modeler Setup Wizard and go through the installation process.
Default path where Toad Data Modeler is installed:
C:\Program Files\Quest Software\Toad Data Modeler 5.1
Note: earlier versions were installed to *C:\Program Files\Quest Software\Toad Data Modeler 4* folder
2. Select which features (support for various database systems) you want to install.
3. In the end of the installation process, select **Run Toad Data Modeler** and click **Finish**.
4. Select either new configuration or configuration settings of previous version and click **OK**.

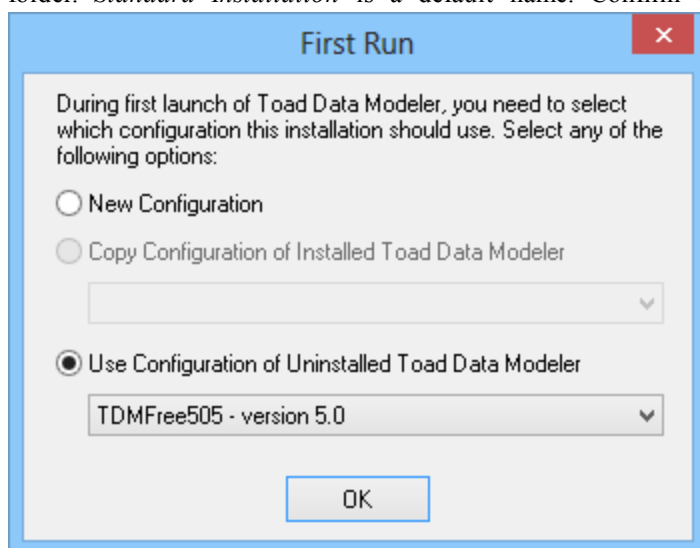
Side-by-Side Installation

If you select this installation method, it means that:

- You already have Toad Data Modeler installed on your computer (v. 4.3.x or previous). You do not uninstall this old version.
- You install the new version to a new location.

Steps:

1. Run the Toad Data Modeler Setup Wizard and go through the installation process.
2. In step **Destination Folder**, define a new path where the new Toad Data Modeler version should be installed.
3. Continue the installation process and select what features (support for various database systems) you want to install.
4. Select either new configuration or configuration settings of previous version and click **OK**. For new configuration settings, define a new name for the Installation folder. *Standard Installation* is a default name. Confirm **OK**.



5. Toad Data Modeler opens in a trial mode. If you are a holder of a permanent license key, click **Enter Commercial Key** and enter your license key information from previous Toad Data Modeler version (see e.g. the **Help** menu | **Licensing**).

Note: You will not have to enter your commercial key again if you use Microsoft Windows Vista or Microsoft Windows 7 OS.

Silent Installation

To perform a silent installation of Toad Data Modeler, you must have the setup.MSI file for Toad Data Modeler. This MSI is then used with the installation variable to define the installation options. The argument for the silent installation from a command line is “/q”. To specify a directory where Toad Data Modeler should be installed, it is possible to use **INSTALLDIR=<PATH>** . If **INSTALLDIR** option is not specified, default installation directory is used (e.g. 32 bit Windows- *C:\Program Files\Quest Software\Toad Data Modeler 5.0*).

Example:

Silent installation with **INSTALLDIR** custom installation directory option specified:
setup.msi /q INSTALLDIR="C:\Toad Data Modeler 5.0\"

In order to specify for which database platform Toad Data Modeler should be installed or which shortcuts should be created and where, use the parameter **ADDLOCAL**. If this parameter is not used, default installation will be performed (all features, shortcuts and full databases support).

Example:

Silent installation with default installation directory (**INSTALLDIR** option not specified), **ADDLOCAL** options to install full features, shortcuts and database support for basic PostgreSQL features and specifically for PostgreSQL 8.1 and 8.2.

```
setup.msi /q
ADDLOCAL=Complete,XPMANIFEST,SUPPORTDATABASES,SHORTCUTUNINSTALL,
SHORTCUTDESKTOP,SHORTCUTSTARTMENU,SHORTCUTQUICKLAUNCH,
SHORTCUTHELP,POSTGRESQL,POSTGRESQL81,POSTGRESQL82
```

If only a partial support for databases with the parameter **ADDLOCAL** is installed, always use the options **Complete**, **XPMANIFEST**, **SUPPORTDATABASES**. These three options are obligatory for the correct installation.

Caution: During installation of support for particular database platform, it is necessary to install basic support for the selected database platform, e.g. option **ORACLE** plus particular database like **ORACLE_10G!**

Shortcuts

KEY (command line option)	Feature
SHORTCUTDESKTOP	Creates a shortcut for Toad Data Modeler on the Desktop.
SHORTCUTSTARTMENU	Creates a shortcut for Toad Data Modeler in the Start Menu.

KEY (command line option)	Feature
SHORTCUTQUICKLAUNCH	Creates a shortcut for Toad Data Modeler in the Quick Launch bar.

Database Platforms

Below find **ADDLOCAL** options (**KEYS**) to be used in silent installation for basic support and individual databases support.

DB2 (LUW)

- DB2** - Basic support for DB2 (LUW)
- DB2UDBv8** - Support for DB2 UDB 8 (LUW)
- DB2v9** - Support for DB2 9 (LUW)
- DB2v95** - Support for DB2 9.5 (LUW)
- DB2v9.7** - Support for DB2 9.7 (LUW)
- DB2v10.1** - Support for DB2 10.1 (LUW)

DB2 zOS

- DB2zOSv9** - Support for DB2 zOS v. 9
- DB2zOSv10** - Support for DB2 zOS v. 10

Greenplum

- GREENPLUM** - Basic support for Greenplum
- GREENPLUM41** - Support for Greenplum 4.1
- GREENPLUM42** - Support for Greenplum 4.2

Ingres

- INGRES** - Basic support for Ingres
- INGRES93** - Support for Ingres 9.3
- INGRES10** - Support for Ingres 10.0

Microsoft Access

- MSACCESS** - Basic support for MS Access
- MSACCESS_2000_2003** - Support for Microsoft Access 2000/2002/2003

MSACCESS_2007_2010 - Support for Microsoft Access 2007/2010

Microsoft SQL Azure

MSSQL_AZURE - Support for Microsoft SQL Azure

Microsoft SQL Server

MSSQL - Basic support for Microsoft SQL Server

MSSQL2000 - Support for Microsoft SQL 2000

MSSQL2005 - Support for Microsoft SQL 2005

MSSQL2008 - Support for Microsoft SQL 2008

MSSQL2012 - Support for Microsoft SQL 2012

MySQL

MYSQL - Basic support for MySQL

MYSQL50 - Support for MySQL 5.0

MYSQL51 - Support for MySQL 5.1

MYSQL55 - Support for MySQL 5.5

Oracle

ORACLE - Basic support for Oracle

ORACLE_9 - Support for Oracle 9i

ORACLE_10G - Support for Oracle 10G

ORACLE_11G_R1 - Support for Oracle 11G

ORACLE_11G_R2 - Support for Oracle 11G R2

ORACLE_12C - Support for Oracle 12c

PostgreSQL

POSTGRESQL - Basic support for PostgreSQL

POSTGRESQL81 - Support for PostgreSQL 8.1

POSTGRESQL82 - Support for PostgreSQL 8.2

POSTGRESQL83 - Support for PostgreSQL 8.3

POSTGRESQL84 - Support for PostgreSQL 8.4

POSTGRESQL90 - Support for PostgreSQL 9.0

POSTGRESQ91 - Support for PostgreSQL 9.1

POSTGRESQ92 - Support for PostgreSQL 9.2

SQLite

SQLITE37 - Support for SQLite 3.7

Sybase ASE

SYBASE - Basic support for Sybase ASE

SYBASE12.5 - Support for Sybase ASE 12.5

SYBASE15 - Support for Sybase ASE 15

SYBASE15.5 - Support for Sybase ASE 15.5

SYBASE15.7 - Support for Sybase ASE 15.7

Sybase IQ

SYBASEIQ15.2 - Support for Sybase IQ 15.2

Sybase SQL Anywhere

SYBASE_SQL_ANYWHERE_11 - Support for Sybase SQL Anywhere 11

Teradata

TERADATA130 - Support for Teradata 13

Universal Database

UNIVERSAL_DATABASE - Support for universal database platforms

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

Un-Installation

To uninstall Toad Data Modeler, you must do so from the **Control Panel | Add or remove programs** (Windows XP) or **Programs & Features** (Windows Vista, Windows 7, or Windows 8).

Note: All user files remain preserved after the uninstallation. You can find them at: *C:\Users\{user name}\My Documents\Toad Data Modeler* (*C:\Documents and Settings\user name\My Documents\Toad Data Modeler* for Windows Vista and previous versions of Microsoft Windows systems); and configuration files at: *C:\Users\{user name}\AppData\Roaming\Quest Software\Toad Data Modeler* (*C:\Documents and Settings\{user name}\Application Data\Quest Software\Toad Data Modeler* for Windows Vista and previous versions of Microsoft Windows systems). For complete uninstall (which means you will lose all your models, generated scripts, reports, Version Manager etc.), delete these folders too.

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)

Note: To use Toad Data Modeler without these restrictions, please contact your Quest Sales Representative at sales@quest.com to request a full functionality trial override key.

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/DDDL Script Generation** – You can generate SQL/DDDL 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 limitation.

First run of Toad Data Modeler:

Toad Data Modeler opens in a trial mode. Trial period is 30 days. During this time, you can evaluate the software.

Click **Continue Evaluation** to open the Toad Data Modeler Trial version.

Click **Purchase Commercial Key** to be directed to the Quest Software website.

Click **Enter Commercial Key** to enter your license key.

30-day trial period has expired:

After the 30-day trial period has expired, you can either purchase a commercial key or request a trial extension.

Click **Request Trial Extension** to evaluate Toad Data Modeler for another trial period.

Click **Purchase Commercial Key** to be directed to the Quest Software website.

Click **Enter Commercial Key** to enter your license key.

Default Locations

As Toad Data Modeler supports side-by-side installation, there are two folders:

Installation

- Default path: *C:\Users\{user name}\AppData\Roaming\Quest Software\Toad Data Modeler\Installation #*.
- The number of installation is increasing with every new installation.
- In this folder, configuration files and Version Manager files are stored.

Standard Installation (or <name> installation that you define)

- Default path: *C:\Users\{user name}\My Documents\Toad Data Modeler\Standard Installation*
- In this folder, aliases, models, naming conventions, user packages, user OTPs, styles and XSL files are stored.

In this location: *C:\Users\{user name}\My Documents\Toad Data Modeler*, there are GeneratedScripts, Logs and Reports folders (folders for outputs) and the new Standard Installation folder where user's files are stored.

1. After Toad Data Modeler is installed

Toad Data Modeler application is installed to: *C:\Program Files (x86)\Quest Software\Toad Data Modeler 5.1*. Here, the following directories can be found:

BIN

In this directory, particularly the TDM.exe and Support.xml file containing list of supported database systems are stored. Libraries for reverse engineering of particular databases (*.dll files) are stored here too.

Configs

Config files with default settings and default layout of Toad Data Modeler are stored here (TDM.txe and .txd files).

Documents

Directory with documentation to Toad Data Modeler – 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 sample 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 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.

Release Notes document

Document with information on the product release.

2. After you run Toad Data Modeler

After you run the application, new directories will be created in your *Users (Documents and Settings)* directory. The files that you can modify will be copied to these directories. (From C:\Program Files\Quest Software\Toad Data Modeler 5.1).

All changes you make in the files (e.g. changes in the application layout, new aliases, modified styles in reports, new default path to generated SQL/DDDL code, modified My Package.txg file etc.) will be saved in your *Documents and Settings* directory and will be preserved when you update the application.

If you need to restore the original default settings, you can simply delete appropriate file in the *Documents and Settings* directory. When you run Toad Data Modeler then, appropriate original default file from C:\Program Files\Quest Software\Toad Data Modeler 5.1 will be copied to the *Documents and Settings* directory again.

You will find the 'user' files in the following locations:

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

Here, Configs and Version Manager directories can be found.

Note: The number of installation will be increasing with every new installation.

Configs

Config files with settings of Toad Data Modeler and TDM.txe file with the application environment (layout) are stored here.

Version Manager

Structure that you create in Version Manager is saved here.

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

Here, the following directories are created:

Connections

Connections you create and save during reverse engineering or in Connections dialog.

Convertor Options

Convertor user settings files.

Galleries

Default user galleries directory.

Models

Default path for physical and logical models you create in Toad Data Modeler.

Naming Conventions

Directory with naming convention definitions (.txn files) that you create in Toad Data Modeler.

Packages

Directory with metamodels and packages (.txg files). User packages - *My Package* and add-ons are stored here, including the Templates.txg package.

Projects

Default Projects directory

Scripts

Default directory for scripts.

Selected OTPs

Directory with User Selected Object Types and Properties.

Styles

Default path to CSS styles for reports.

XSL

Directory where user .xslt files for XSL transformation are stored.

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

Here, the following directories are created:

Generated Scripts

Directory where DDL/SQL script and alter scripts are generated.

Logs

Default directory for various Logs generated by Toad Data Modeler.

Reports

Directory where HTML, RTF reports, PDF and XSLT outputs are generated.

Appendix: Contact Quest

Contact Quest Support

Quest Support is available to customers who have a trial version of a Quest product or who have purchased a Quest product and have a valid maintenance contract. Quest Support provides unlimited 24x7 access to Support Portal at www.quest.com/support.

From our Support Portal, you can do the following:

- Retrieve thousands of solutions from our online Knowledge Base
- Download the latest releases and service packs
- Create, update and review Support cases

View the *Global Support Guide* for a detailed explanation of support programs, online services, contact information, policies and procedures. The guide is available at: www.quest.com/support.

Contact Quest Software

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Aliso Viejo, CA 92656
USA

Web site www.quest.com

See our web site for regional and international office information.

About Quest Software (now a part of Dell)

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