

Toad® Data Modeler 6.5.6

Release Notes

Friday, April 5, 2019

These release notes provide information about the Toad® Data Modeler release.

- [About Toad Data Modeler](#)
- [New in Toad Data Modeler 6.5.6](#)
- [Resolved issues](#)
- [Known issues](#)
- [System requirements](#)
- [Supported database platforms](#)
- [Product licensing](#)
- [Getting started with Toad Data Modeler 6.5.6](#)
- [Globalization](#)
- [About Us](#)

About Toad Data Modeler

Toad Data Modeler helps organizations create, maintain and document their database systems with an easy-to-use graphical interface into new or existing database structures. Toad Data Modeler enables users to reverse engineer database structures, update models, design and generate SQL, compare models and generate alter scripts, create HTML or RTF reports, in addition to versioning of database designs and creation of to-do lists.

Toad Data Modeler 6.5.6 is a patch release. It is a replacement of the previous 6.5 release that contains extra resolved issues and a fixed vulnerability of a third party component. See [New in Toad Data Modeler 6.5.6](#) and [Resolved issues](#) for more information.

Toad Data Modeler is released in 32-bit and 64-bit versions. The 64-bit version of the application has a significantly higher memory limit which should resolve several common issues incl. out of memory errors, which occurred when working with complex models.

However, in order to reverse engineer databases that require a client you need a corresponding version of the client, i.e. 32-bit or 64-bit.

New in Toad Data Modeler 6.5.6

Database features

Support for Oracle 18c

- Oracle 18c is now fully supported
- Database settings are placed in **Settings | Options | Model | Physical Model | Oracle | Oracle 18c**
- Reverse Engineering, Change Script and DDL Script Generation are supported

Oracle 12c Support

New option NOKEEP is supported

- Check NOKEEP in **Attribute Properties | Identity**
- Check NOKEEP in **Sequence Properties**

New access drivers for Oracle 12c R2

- In **Entity Properties | External Table Properties** you can now use ORACLE_HDFS, and ORACLE_HIVE in addition to existing ORACLE_LOADER, and ORACLE_DATAPUMP

New option Segment Creation for Oracle 12c R2

- In **Entity Properties | Physical Properties | Segment Creation** you can now select Deferred, Immediate or Not Specified

PostgreSQL Support

- Support for Import DDL has been added for Postgres 9.5 and 10
- You now can perform Reverse Engineering from a connection and from a DDL file

EDB Advanced Postgres Server Support

- Support for stored procedures has been implemented
- Support for directories has been implemented
- Support for Nested table type and Varray type for User Data Type has been added

SQL Server 2017 Support

- Support for Graph Tables has been added for **Import DDL** functionality

Enhancements

External Objects

- Right-click the root of a model and select **External Objects | Update All** to easily update all external objects

Ordering of Indexes

- Indexes can now be ordered using buttons in **Entity Properties** or using Ctrl + Up or Ctrl + Down

Selecting Parent and Child Tables in Reverse Engineering

- Select parent and child tables easily using three new buttons in **Reverse Engineering Wizard | Tables**
- Use right-click menu to select parent or child tables up to 3 level of depth or to infinity

Text Wrapping in Text and Label Rectangle objects

- Double-click Text or Label Rectangle object and check Word Wrap to wrap the text inside

Default names for primary keys

- Set a default name in **Settings | Options | Model | Physical Model | Primary Key Default name**

Search bar for main menu

- Find any menu option easily by writing its first letters into **Jump To**

Resolved issues

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

Resolved Issue	Issue ID
Several enhancements for Import DDL have been implemented	3508
An issue related to syntax validation has been fixed	3997
An issue with XSD export has been fixed	4212
You now can add [Project Root] into Working Directory field in Project Edit Version Control System	4318
Different display modes now work for captions and names of dictionary types and domains	4322
Buttons for ordering attributes for entities in Redshift now work correctly	4428/4273145
Error message regarding reserved XML strings has been enhanced	4559/4299899
Wrong behavior for certain datatypes on DB2 10.5 and 11 has been fixed	4629/4313836-1
One of the CSS styles has been fixed	4571

Resolved Issue	Issue ID
Behavior of ordering buttons for Attributes has been fixed	4429
Live RE after having deleted a parent entity and adding it back has been enhanced	4420
Now you can define a default name for Primary Keys	3966
Word wrapping for Label Rectangle and Text objects has been implemented	3964
A bug that disabled some TDM functions on any systems with Windows 10 update 1809 and newer has been fixed	4868

Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

Issue	Issue ID
PEREntityPG92 record in Reference Guide is not correct	3351
Some authentication methods with Microsoft Azure SQL Database cannot currently be used with Toad Data Modeler	4570/4291011

System requirements

Before installing Toad Data Modeler 6.5.6, ensure that your system meets the following minimum hardware and software requirements.

System requirements

	Minimal Requirements	Optimal
Memory	1 GB	4 GB
Hard Disk Space	400 MB	1 GB
Operating System	Microsoft Windows 10 (64-bit) Microsoft Windows 8.1 PRO (64-bit) Microsoft Windows 8 PRO (64-bit) Microsoft Windows Server 2016 (64-bit) Microsoft Windows Server 2012 (64-bit) Microsoft Windows Server 2008 R2 (64-bit) Microsoft Windows 7 (32-bit or 64-bit) * *For Toad Data Modeler 64-bit version, only 64-bit version of the operating system can be used.	
Other Requirements	.NET 4.0 or later	

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.

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

Cloud database services

Toad Data Modeler supports the following cloud-based database services:

- Oracle Database as a Service

Upgrade and compatibility

It is not possible to open models created in Toad Data Modeler 6.5.6 in versions earlier than 6.0.

Version 5.2 introduced 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 higher.

Do not open and re-save models originally created in a higher version of Toad Data Modeler in a lower version of Toad Data Modeler.

Supported database platforms

Supported model types

- Logical
- Universal
- Physical

Supported databases

- Amazon® Aurora MySQL 5.6
- Amazon® Aurora PostgreSQL 9.5

- Amazon® Redshift 1.0
- IBM® DB2® z/OS® 10, 11
- IBM® DB2® LUW 9.5, 9.7, 10.1, 10.5, 11.1
- Greenplum Database® 4.1, 4.2
- Ingres 9.3, 10.0
- EDB Postgres Advanced Server 10
- Microsoft® Access® 2007-2010
- Microsoft® Azure® SQL Database V12
- Microsoft® SQL Server® 2005, 2008, 2012, 2014, 2016, 2017
- MySQL 5.0, 5.1. 5.5, 5.6, 5.7
- Oracle® 10g, 11g R1, 11g R2, 12c R1, 12c R2, 18c
- PostgreSQL 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 10
- SQLite 3.7
- SAP® SQL Anywhere 17
- SAP® ASE 16.0
- Sybase® ASE 15.5, 15.7
- Sybase® IQ 15.2
- Sybase® SQL Anywhere 11
- Teradata 13
- Vertica Database 8.0
- Other (Universal Model)

i Note: For more information about the level of support please see **Help**, section **Introduction | Supported Databases**.

Product licensing

To activate a purchased commercial license

1. Open Toad Data Modeler.
2. Select **Help | Licensing**.

Getting started with Toad Data Modeler 6.5.6

Upgrade and installation instructions

The Toad Data Modeler release package contains the following products:

- Installation file of Toad Data Modeler (MSI)
- Product Documentation, including:
 - Release Notes (PDF)
 - Installation Guide (PDF)

Installation Instructions

Refer to Toad Data Modeler [Installation Guide](#) for installation instructions.

Additional resources

If applicable, point to related references, provide a list of corresponding documents, videos, or identify the community where additional information can be obtained. Otherwise, delete this section.

Additional information is available from the following:

- [Online product documentation](#)
- [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.

The release is localized to the following languages: Chinese (Simplified), Chinese (Traditional), Czech, Hebrew, Italian, Portuguese (Brazil), Russian, Spanish.

This release has the following known capabilities or limitations: Localized support for HTML and RTF/PDF reports in several languages will be distributed via TDM Community.

Available dictionaries: Chinese (Simplified and Traditional), Czech, Hebrew, Hindi, Punjabi, Russian, Spanish, Brazilian Portuguese and Italian

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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/company/contact-us.aspx or call +1 949 754-8000.

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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- 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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