Toad® Data Modeler 7.2

Release Notes

Tuesday, May 5, 2020

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

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 7.2 is a minor release, with enhanced features and functionality. See New in Toad Data Modeler 7.2 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. 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 7.2

Database features

IBM DB2 LUW 11.5

- IBM DB2 LUW 11.5 is now supported

- Database settings are placed in **Settings | Options | Model | Physical Model | DB2 | DB2 v.11.5 (LUW)**

- Reverse Engineering from a database and SQL file, Change Script and DDL Generation are supported

> **i** | **NOTE:** Reverse engineering from a SQL file is currently supported at the level of DB2 11.1.

Microsoft SQL Server 2019

- Microsoft SQL Server 2019 is now fully supported

- Database settings are placed in **Settings | Options | Model | Physical Model | Microsoft SQL Server | Microsoft SQL Server 2019**

- Reverse Engineering from a database and SQL file, Change Script and DDL Generation are supported

Microsoft Access 2019 and Office 365

- Toad Data Modeler now support Microsoft Access 2007 up to 2019, including the version supplied with Microsoft Office 365

PostgreSQL 12

- PostgreSQL 12 is now fully supported

- Database settings are placed in **Settings | Options | Model | Physical Model | PostgreSQL | PostgreSQL 12**

- Reverse Engineering from a database and SQL file, Change Script and DDL Generation are supported

For **other enhancements and bug fixes** see Resolved issues

Resolved issues

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

Resolved Issue	Issue ID
Fixed: Application variables are not resolved in Search	5727
Fixed: User cannot run a macro	5664
Fixed: Error during in Reverse Engineering of MySQL information_schema	5632
Fixed: Migrating Attribute with Serial data type to a child table throws an error	2395
Implemented: Reverse Engineering from DDL was enhanced for procedures and functions for PostgreSQL 11	5667, 5666
Fixed: Deselect all button affects only visible items	2570
Fixed: Filter schema does not work correctly for PG, EDB, and Redshift	1980
Implemented: Column comments and notes are now displayed also in Designer	2363
Implemented: Now you can edit Keys using scripts and changes will be inherited by child objects	2519
Implemented: Clause DATA_CONSISTENCY_CHECK=ON is now included when performing data consistency check	2716

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
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 7.2, 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)	

	Minimal Requirements	Optimal
	Microsoft Windows Server 2016 (64-bit) Microsoft Windows Server 2012 (64-bit)	
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 7.2 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

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 9.7, 10.1, 10.5, 11.1, 11.5
- Greenplum Database® 4.2
- Ingres 9.3, 10.0
- EDB Postgres Advanced Server 10
- Microsoft® Access® 2007-2019, incl. Office 365
- Microsoft® Azure® SQL Database V12
- Microsoft® SQL Server® 2012, 2014, 2016, 2017, 2019
- MySQL 5.5, 5.6, 5.7, 8.0
- Oracle® 11g R1, 11g R2, 12c R1, 12c R2, 18c, 19c
- PostgreSQL 9.2, 9.3, 9.4, 9.5, 10, 11, 12
- SQLite 3.7
- SAP® SQL Anywhere 17
- SAP® ASE 16.0
- Sybase® ASE 15.7
- Sybase® IQ 15.2
- Teradata 13
- Vertica Database 8.0
- Other (Universal Model)

i | **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.

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 7.2

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)
    - Help (CHM)

Installation Instructions

Refer to Toad Data Modeler **Installation Guide** for installation instructions.

Additional resources

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 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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