Toad® Data Modeler 7.3

Release Notes

Friday, September 18, 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 7.3 is a minor release, with enhanced features and functionality. See New in Toad Data Modeler 7.3 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 7.3

Database features

Teradata 16.2

- Teradata 16.2 is now supported
- Database settings are placed in **Settings | Options | Model | Physical Model | Teradata | Teradata 16.2**
- Reverse Engineering from a database, and DDL Generation are supported

SQLite 3.32

- SQLite 3.32 is now supported
- Database settings are placed in **Settings | Options | Model | Physical Model | SQLite | SQLite 3.32**
- Reverse Engineering from a database, and DDL Generation are supported

Enhancements

IBM DB2 LUW 11.5

- It is now possible to assign Dictionary Type to External Tables

PostgreSQL 12

- We have enhanced DDL Import for PostgreSQL

Handling Dictionary Types

- We have improved property dialogs for Dictionary types for the following types of databases that support dictionary types:
- IBM DB2 LUW and z/OS, EDB, Greenplum, Azure SQL Database, SQL Server, PostgreSQL, SAP ASE, IQ, SQL Anywhere, and Teradata

Resolved issues

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

Resolved Issue	Issue ID
Fixed: Users cannot Reverse Engineer an IBM DB2 z/OS instance where locale was set to DE	3404/4740317
Fixed: We fixed an error when it was not possible to remove TDM installation performed with a modified MST file	3205/4641141
Fixed: Users were not able to Reverse Engineer a IBM DB2 database when they did not have permissions to SECURITY POLICY and TABAUTH	3040/4709162
Fixed: Icons are now properly registered after TDM connects to a TIC server.	2715/4737293

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 7.3, 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 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 7.3 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, 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.

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 7.3

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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