

ApexSQL[®] Database Power Tools for VS Code 2021.x

Release Notes

These release notes provide information about the ApexSQL[®] Database Power Tools for VS Code 2020.x which is a major release.

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About ApexSQL Database Power Tools for VS Code

ApexSQL Database Power Tools for VS Code is an extension for Visual Studio Code which allows users to connect to MySQL and MariaDB instances, run queries and display results, auto-complete SQL statements, search for objects and data within them, format scripts, export query results into several standard formats, generate DDL and DML scripts from object explorer on existing platforms like Windows, Linux, macOS.

New Features

This version of ApexSQL Database Power Tools for VS Code introduces the following new features, enhancements, or deprecations:

Enhancements:

- [Format MySQL and MariaDB scripts using predefined profiles: Compact and Extended.](#)

Fixes:

- 202879: Values are not shown correctly in the Results grid for a column that is created using the Serial alias on MariaDB databases.

Changes

- The application is now part of the ApexSQL Fundamentals Toolkit for MySQL bundle and requires activation.

Known issues:

- Users cannot successfully log in to the Quest account when using a proxy server with the username and password

Getting Started

- For further information about installation and getting started, please check the [Quest Knowledge Base](#) or [ApexSQL Getting Started](#).

System requirements

Before installing or upgrading Short Product Name Version, ensure that your system meets the following minimum hardware and software requirements.

Hardware	Dual Core 1.6 GHz CPU 1 GB memory 261 MB disk space
Server	MySQL Server 5.6 and higher ^[1] MariaDB Server 10.1 and higher ^[1] Azure Database for MySQL ^[1] Azure Database for MariaDB ^[1]

	Amazon RDS for MySQL ^[1] Amazon RDS for MariaDB ^[1] Amazon Aurora for MySQL ^[1]
Add-in integration	Visual Studio Code 1.38 and higher ^[1]
OS	Windows 7 and higher ^[1] OS X Yosemite (10.10) and higher ^[1] Ubuntu Desktop 14.04 and higher ^[1] Debian 7 and higher ^[1] Red Hat Enterprise Linux 7 and higher ^[1] CentOS 7 and higher ^[1] Fedora 23 and higher ^[1]

Supported platforms

Windows version				
Windows 7 SP1 & Windows Server 2008 R2 SP1	Windows Server 2012	Windows 8.1 & Windows Server 2012 R2	Windows 10 & Windows Server 2016	Windows Server 2019
✓	✓	✓	✓	✓

macOS version					
OS X 10.10 Yosemite	OS X 10.11 El Capitan	macOS 10.12 Sierra	macOS 10.13 High Sierra	macOS 10.14 Mojave	macOS 10.15 Catalina
✓	✓	✓	✓	✓	✓

Linux edition

CentOS ^[7]	Debian ^[7]	Fedora ^[7]	Red Hat Enterprise Linux ^[7]	Ubuntu Desktop ^[7]
✓	✓	✓	✓	✓

Visual Studio Code add-in integration		
	1.38 and above	
ApexSQL Database Power Tools for VS Code	✓	

MySQL Server version			
	5.6	5.7	8.0
ApexSQL Database Power Tools for VS Code	✓	✓	✓
ApexSQL Doc for MySQL			✓
ApexSQL Search for MySQL	✓	✓	✓

MySQL Server edition ^[3]						
	Community	Standard	Enterprise	Cluster CGE	Azure Database for MySQL Server	Amazon RDS for MySQL
ApexSQL Database Power Tools for VS Code	✓	✓	✓	✓	✓	✓

ApexSQL Doc for MySQL	✓	✓	✓	✓		
ApexSQL Search for MySQL	✓	✓	✓	✓	✓	✓

MariaDB Server version					
	10.1	10.2	10.3	10.4	
ApexSQL Database Power Tools for VS Code	✓	✓	✓	✓	
ApexSQL Search for MySQL ^[6]	✓	✓	✓	✓	

MariaDB Server edition ^[3]				
	Community	Enterprise	Azure Database for MariaDB	Amazon RDS for MariaDB
ApexSQL Database Power Tools for VS Code	✓	✓	✓	✓
ApexSQL Search for MySQL	✓	✓	✓	✓

^[1] Central repository requires SQL Server 2008 or greater. SQL Server Express edition is not recommended due to the database size limitation

^[2] Tested on Ubuntu 16.04

^[3] Including Amazon EC2, Google Compute Engine, and Azure Virtual Machine cloud computing SQL Server, MySQL Server, and MariaDB Server instances

^[4] Azure DevOps Server (TFS)^[5] / Azure DevOps Services

^[5] Up to the latest version

^[6] The Object search feature does not support Temporal Data Tables in MariaDB Server 10.3 and above

^[7] Supported versions: CentOS 7 and above, Debian 7 and above, Fedora 23 and above, Red Hat Enterprise Linux 7 and above, Ubuntu Desktop 14.04 and above.

Product licensing

ApexSQL offers 2 types of licenses:

1. Individual license

For applications licensed per user, an individual license is for the use of a single user only. This means that only 1 user can use 1 license. If there are multiple users, multiple licenses are needed.

For applications licensed per instance, an individual license is to be used on a single SQL Server instance only. If there are multiple instances, multiple licenses are needed.

2. Enterprise license

An enterprise license can be activated on an unlimited number of instances and can be used by an unlimited number of users, without geographical limitations.

Release History (release notes)

Release:	2021.01.81
Date:	March 22, 2021

Enhancements:

- [Format MySQL and MariaDB scripts using predefined profiles: Compact and Extended.](#)

Fixes:

- 202879: Values are not shown correctly in the Results grid for a column that is created using the Serial alias on MariaDB databases.

Changes

- The application is now part of the ApexSQL Fundamentals Toolkit for MySQL bundle and requires activation.

Release:	2020.7.51
Date:	December 07, 2020

Fixes:

- 196261: SQL query editor loses focus after entering a single character and typing can't be continued in VS Code version 1.51.1

Changes

- The preview period has been extended to 3/31/2021

Release: 2020.6.48
Date: September 18, 2020

Enhancements:

- [Browsable code completion list for inserting MySQL and MariaDB keywords, database, schema, object, parameter, and variable names in the SQL statements](#)

Fixes:

- The Paste command under the right-click context menu is missing in a query editor
- The sorting of columns with numeric values in the query results grid are not sorted by the Natural order rule
- The cursor is not shown when a new query editor is opened
- "Error executing query: Unable to connect to any of the specified MySQL hosts" error is encountered when re-executing the same query that was idle for 10 minutes
- "Error executing query: Object reference not set to an instance of an object" error is encountered when executing the code within a file with the .dump extension
- The copied values will be pasted twice in a query editor when the Ctrl+V keyboard shortcut is used
- The custom column order is omitted when data is exported into Excel, CSV, JSON, and HTML from the query results
- "Error generating script: Unknown database" error is encountered when using the Show CREATE script command over a database that has the apostrophe character (') in the name
- "Error generating script: You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '-' at line 1" error is encountered when using the Show CREATE script command over a database that has the hyphen character (-) in the name
- The Show CREATE script command does not generate the semicolon character (;) at the end of the SQL statement

Release: 2020.5.35
Date: August 25, 2020

Fixes:

- "Error generating script: COM Interop is not supported on this platform" error is encountered when any command is clicked in the right-click context menu of ApexSQL server explorer on macOS and Linux operating systems

Release: 2020.05.30
Date: August 17, 2020

Enhancements:

- The extension now supports text search within MySQL Sever and MariaDB databases
- Navigate to a column in ApexSQL server explorer from found data in the Results grid
- The extension now supports export of text search results to Excel, CSV, JSON, and HTML file formats

Fixes:

- Users are not listed under the Users folder in ApexSQL server explorer for MariaDB 10.4 and higher versions
- DDL and DML scripts are generated incorrectly when user accounts contain special characters

Release: 2020.3.19
Date: July 27, 2020

Fixes:

- Click on the Find button in the Object search window does not start search for objects if the OS regional format date is not English (United States)

Release: 2020.2.18
Date: July 07, 2020

Enhancements:

- Search for objects within MySQL and MariaDB databases
- Quickly find MySQL and MariaDB objects in ApexSQL server explorer
- Save object search results to HTML, CSV, JSON, and XML
- Show MySQL Server users in the ApexSQL server explorer tree view
- Generate Create, Change password, Drop, Grant privileges and Show privileges statements for users
- Show system databases in a separate node of the ApexSQL server explorer tree view
- Query execution on system databases
- The Execute button is added in the query editor

Fixes:

- The "{NULL}" value appears in the empty cells when export results in the HTML format
- The Export to CSV does not work correctly for the values that have a comma (,) punctuation mark

- Connection name in the ApexSQL server explorer pane does not change automatically when the connection in the Connect to server dialog is updated (edited)
- Wrong tooltips for the SSH and SSL tabs in the Connect to server dialog are shown
- "Server already added" message is shown when trying to connect to different MySQL server on the same host with SSH protocol
- Wrong syntax for the Drop index statement is generated when the Show DROP script command is used

Changes:

- The extension now supports Visual Studio Code 1.44.1 and higher versions
- The query results pane now appears at the bottom of the query editor

Release:	2020.1.17
Date:	May 7, 2020

Features:

- MySQL Server 5.6 and higher support
- MariaDB Server 10.1 and higher support
- Azure Database for MySQL support
- Azure Database for MariaDB support
- Amazon RDS for MySQL support
- Amazon RDS for MariaDB support
- Amazon Aurora MySQL support
- Visual Studio Code 1.38.0 and higher support
- Cross-platform support
- Query execution
- Display query results in Grid format
- Generate Create, Insert, Update, Alter, Drop, Delete statements
- Save results to HTML, Excel, CSV, and JSON
- [GUI themes](#)
- [High DPI and 4K resolution support](#)
- [Visual Language Dictionary for Visual Studio for iconography and other imagery concepts applied](#)
- [Application telemetry now collects anonymous data on the use and performance of applications and application component](#)

About us

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