ApexSQL Database Power Tools for VS Code

Version 2020.x

Release Notes and Requirements

System 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 Software

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

Getting Started

For further information about installation and getting started, please check the Quest Knowledge Base.

Release Notes

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