

SQL2Excel Installation Notes & User Guild

Since SQL2Excel is a command line application, designed for running in batch\powershell scripts, just copy the SQL2Excel.exe to a path you want to run it from. It should run find from a local disk or network share.

Prerequisites

1. Windows Desktop or Server with Microsoft Office install (2016 or later). This application will use Microsoft Excel to import the data into a Excel file. Microsoft Excel must be installed on the machine you wish to use.
2. Recommend installing Microsoft OLE DB for SQL server driver version 19, or newer. By Default Windows 10 has an older version which does not support TLS 1.2 or TLS 1.3. If SQL2Excel is unable to connect a SQL server, the issue may be an older OLE DB SQL driver. Link to Current OLE SQL DB driver:

<https://learn.microsoft.com/en-us/sql/connect/oledb/download-oledb-driver-for-sql-server>

Running SQL2Excel

SQL2Excel is a command line only application. There is currently no Graphical interface support as this tool is primary for creating reports using batch scripts, Powershell or other scripting tools. You can run manually by entering your parameters on the command line.

SQLExport {Excel | DAT | CSV_FilePath} "{SQLQuery}" **/SERVER={SQLSERVER}**
[/DATABASE|/DB]={SQLDatabase} /USER={SQLUser} [/PASSWORD|/PW]={SQLPassword} [/NOFORMAT]
[/SHEET={Name} /PROMPT /OVERWRITE

/SERVER

SQL *ServerName* to Connect to. Use either *ServerName* or *ServerName\Instance*. [Required]

/USER

UserName to authenticate to the SQL server. If not provide, will try to connect using Windows Single Sign-on

/PASSWORD | /PW

PASSWORD for the /USER provided.

/NOFORMAT

Do not apply any formatting when exporting to Excel [Optional]

/OVERWRITE

If provided output file already exists, over write the file

/SHEET

Name (Label) of Sheet for Excel File [Optional]

/PROMPT

Show SQL Login Prompt (if you do not want to include login information on the command line)

/OVERWRITE

Overwrite existing export file if it already exists.

If no Username & password is provided SQL2Excel will attempt to authenticate to the SQL server using Single Sign-On (SSPI). If no database name is provided, SQL2Excel will use "master" as the default SQL Database. A SQL database is required for the authentication process when connecting to a SQL server.

Enclose the SQL statement inside double quotes. Without double quotes, windows considers spaces as command line arguments separators. *If you have very large or complex query statements, create a SQL view to keep the SQL statement short.*

Examples running SQL2Excel from a windows command prompt:

```
X: >SQL2Excel D:\Temp\USZipCodeInventory.xlsx "Select * from USInformation.dbo.USZipCodes"
/SERVER=SQLSVR001\PRIVATE /SHEET=USZipCodes
Connecting to SQL Server " SQLSVR001\PRIVATE" [SUCCESS]
Creating New Excel Workbook [SUCCESS]
Changing Sheet name to "USZipCodes"
15:12:12 [Notice] Exporting to "D:\Temp\USZipCodeInventory.xlsx"
15:12:13 [Notice] Exported 1000 Rows
15:12:14 [Notice] Exported 2000 Rows
15:12:14 [Notice] Exported 3000 Rows
15:12:15 [Notice] Exported 4000 Rows
15:12:16 [Notice] Exported 5000 Rows
15:12:17 [Notice] Exported 6000 Rows
15:12:17 [Notice] Exported 7000 Rows
15:12:18 [Notice] Exported 8000 Rows
15:12:19 [Notice] Exported 9000 Rows
15:12:20 [Notice] Exported 10000 Rows
15:12:44 [Notice] Exported 10272 Rows Errors:0
15:12:44 [NOTICE] Saving File"D:\Temp\USZipCodeInventory.xlsx"
15:12:45 [NOTICE] Closing Exiting Excel
```

In this example, SQL2Exec is using single sign-on credentials to connect to the SQL server & export the table "USInformation.dbo.USZipCodes". Below is the export shown in Excel:

	A	B	C	D	E
1	ZipCode	Type	City	State	County
2	00501	UNIQUE	HOLTSVILLE	NY	SUFFOLK
3	00544	UNIQUE	HOLTSVILLE	NY	SUFFOLK
4	00601	STANDARD	ADJUNTAS	PR	ADJUNTAS
5	00602	STANDARD	AGUADA	PR	AGUADA
6	00603	STANDARD	AGUADILLA	PR	AGUADILLA
7	00604	STANDARD	AGUADILLA	PR	AGUADILLA
8	00605	STANDARD	AGUADILLA	PR	AGUADILLA
9	00606	STANDARD	MARICAO	PR	MARICAO
10	00610	STANDARD	ANASCO	PR	ANASCO

Note: First command line argument must be the Filename of the excel export file. If filename or path has spaces, enclose in quotes. The second argument must be the SQL select command enclosed in double quotes.

Q&A

Q: Why do I get an error Creating New Excel Workbook?

A: The most likely cause is MS-Excel is not installed on the machine your running SQL2Excel on. Try running using a machine that has MS-Excel installed. The other possibility, is that there is an issue with excel or it has a version SQL2Excel cannot use. Try opening Excel. The third possibility is that SQL2Excel cannot write to the path provided on the command. Check to make sure you have read-write-create permissions to the path you are exporting to.

Q: I am unable to connect to the SQL Server

A: It could be a permissions, network or you have an outdated or incompatible version of the OLE SQL DB driver installed. Try download the current version of the OLE SQL DB driver, & install it. Here is the link <https://learn.microsoft.com/en-us/sql/connect/oledb/download-oledb-driver-for-sql-server>

You can try testing permissions to the SQL server by using the “/PROMPT” option & providing the credentials to see if you can connect. If you confirmed that your credentials are correct (Try using MS SQL Server Management tool). If your SQL server is configured to use “Instances” Make sure you provide the Instance Name for the /SERVER option ie: /SERVER=“MySQLServer/MyInstance”. The issue may be a network related issue. Try installing the MS SQL Server management tool from Microsoft & see if you can connect. Perhaps the SQL server has a firewall rule that prevents access from the machine.

Q: is there a Graphic interface?

A: No. This tool is designed to be used for batch exports which would be run using a batch script or PowerShell script.

Q: Which OS versions are supported?

A: Windows 7/10/11, Windows Server 2016/2019/2022/2025.