QuickCalc - connection to SQL Server

requirements

• Microsoft SQL Server from version 2016 (older versions should work, but won't officially supported)

• The free express version (https://www.microsoft.com/de-de/sql-server/sql-server-editionsexpress) is sufficient if you do not have your own installation yet.

- The Linux version of the SQL Server is also supported
- Access data to the SQL server with the authorization to create new databases (CREATE DATABASE)

Connect to the database

1. When starting QuickCalc, select the "DB in SQL" option in the "Database selection" dialog

Server "and click on" New connection ... "

Datenbank Auswahl		X
Gespeicherte DBs	D:\Work\ecoline\qc_20_	lineandconcept.m 💌
OB in Datei	Neu	Auswählen
D:\Work\ecoline\qc_20_line	andconcept.mdf	
OB in SQL Server	[Neue Verbindung
	OK	Abbrechen

You can also call this dialog at any time later via the settings:

Angebot Eingat	ve/Ausgabe Sonstiges Oberfläche
Einstellungen	Allgemein Oberfläche Ausgabe
Aktivierung	Sonstiges
Info / Update	Hersteller ein/ausblenden Fehlende Herstellerpreise hervorheben
	Checkliste beim Start öffnen
	Notizen beim Start öffnen
	Beim Einflügen einer Position als Element deren Beschreibung als Elementbeschreibung verwenden
	Nachtragen, ob Änderungen an Projekt Elementen in den Stamm übernommen werden sollen
	Position aktiv/inaktiv schalten auf alle gleichen Positionen in Projekt übertragen
	Immer Nie Jedesmal nachfragen
	Datenbank wählen

2. In the next dialog, select "Microsoft SQL Server" and click OK

Data source Microsoft SQL Server Microsoft SQL Server Database File	Description Use this selection to connect to Microsoft SQL Server 2005 or above using the .NET Framework Data Provider for SQL Server.
Data provider:	
.NET Framework Data Provider for S(~	

3. Click the button to display the existing servers and select your MS SQL

Server off. (The display of the list takes a few seconds as the client searches for your server)

Connection Properties	?	×
Data source:		
Microsoft SQL Server (SqlClient)	Chang	e
Server name:		
	Refre	sh
SQL-2016\ITC_SQL_SERVER		

4. Select your login method and enter the required access data (if the

Database has not yet been created on the SQL server, this user needs the authorization

to be allowed to create new databases)

Log on to the serv	er
O Use Windows	Authentication
Use SQL Server	er Authentication
User name:	sa
Password:	•••••
	Save my password

5. If the database has already been created, please select it from the list

If you have not yet created a DB, simply enter the desired name in

this field

Connect to a database	
Select or enter a database name:	
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04	
100	
QuickCalc	
-	
	Advanced



7. The connection created in this way is displayed in the "Database selection" dialog and can now

Datenbank Auswahl		X
Gespeicherte DBs	D:\Work\ecoline\qc_20_	lineandconcept.m 💌
O DB in Datei	Neu	Auswählen
D:\Work\ecoline\qc_20_linea	andconcept.mdf	
DB in SQL Server		Neue Verbindung
Data Source=SQL-2016\ITC_S	QL_SERVER;Initial Catal	og=QuickCalc_neu;U
	ОК	Abbrechen

8. If the database did not exist before, QuickCalc will automatically create a new one empty database and you now have the option of data from an older version of Import QuickCalc (attention only up to version 1.0 - database in mdb format possible), or start your work with this empty database.

Set up the DB in Microsoft SQL Server Management Studio

You can also create the required database directly in the MS SQL Server Management Studio, if You want to manage more options, especially with regard to access data and permissions. Please note that these settings should be made by your administrator.

- 1. Start the MS SQL Server Management Studio and connect to your SQL Server
- 2. Right mouse button on "Databases" / "Databases" => "New Database ..." / "New Database ..."



3. Enter the name of the new database (e.g. "QuickCalc") and match depending on the SQL

Server Installation the other parameters

Select a page General	🖵 Script 👻 🕜 He	elp					
 Øptions Filegroups 	Database name:		QuickCalc				
	Owner:		<default></default>				
	Constant and a	ning					
	Database files:	ning File Type	Filearnum	Initial Size (MR)	Automoth / Ma	aite	
	Database files: Logical Name F	File Type ROWS	Filegroup	Initial Size (MB)	Autogrowth / Ma: By 1 MB, Unimite	xsize ed	

For standard installations, you can leave all options at the default.

4. Depending on how you set up your SQL Server, you still have to adjust users / permissions, this however, is outside the scope of this guide.