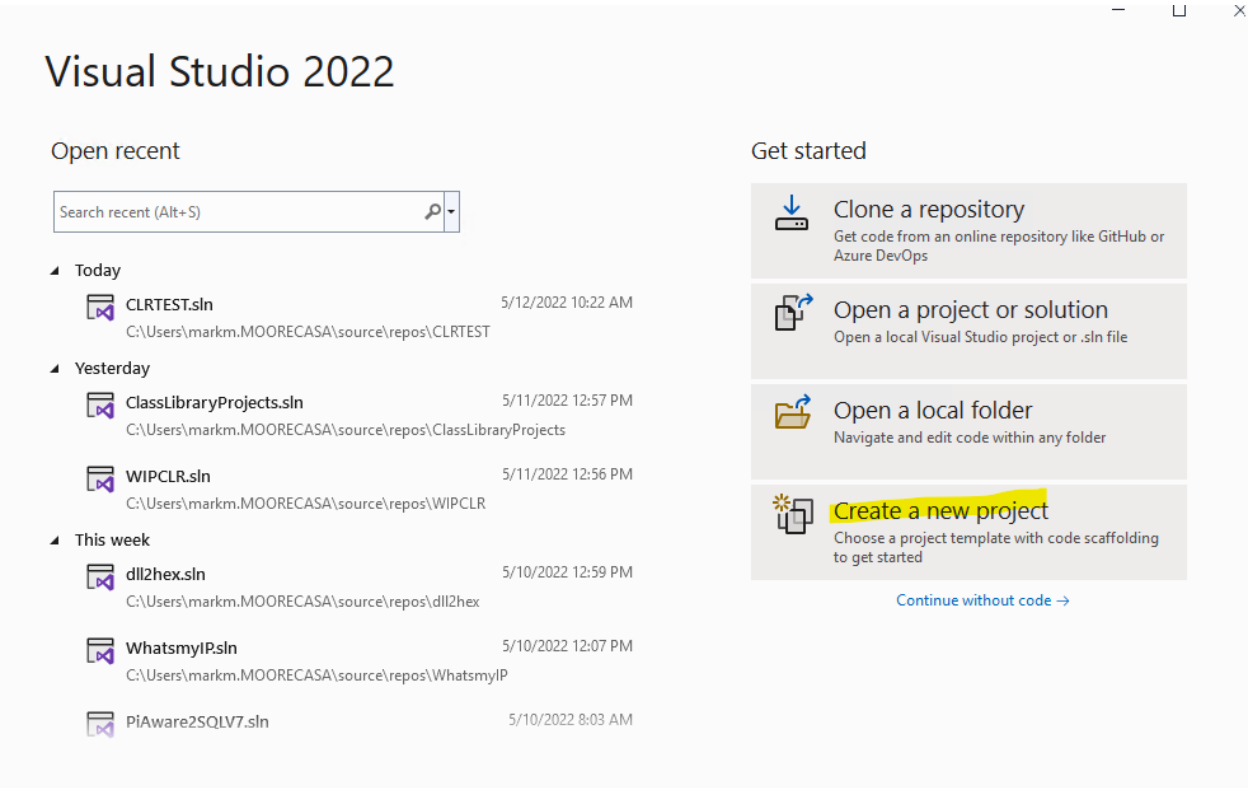
Contents

Introduction

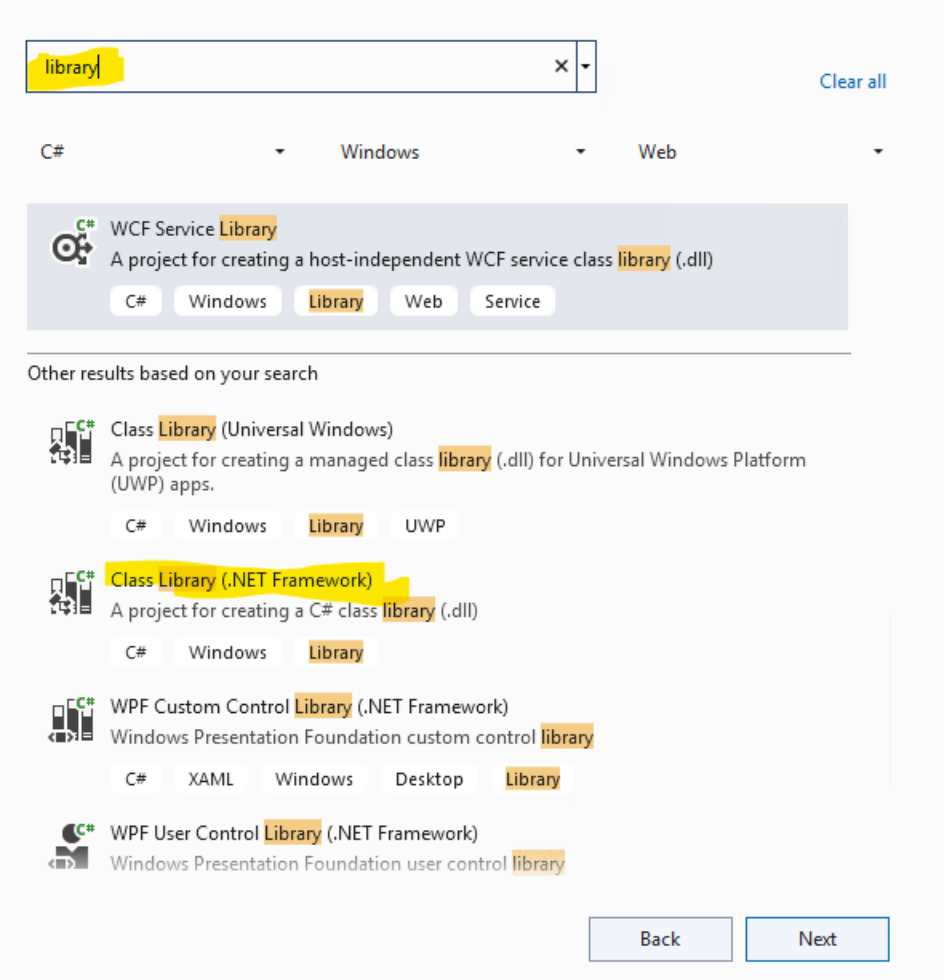
This project will start in Visual Studio and then we will move to SSMS to create an assembly and define a function in CLR.

Visual Studio

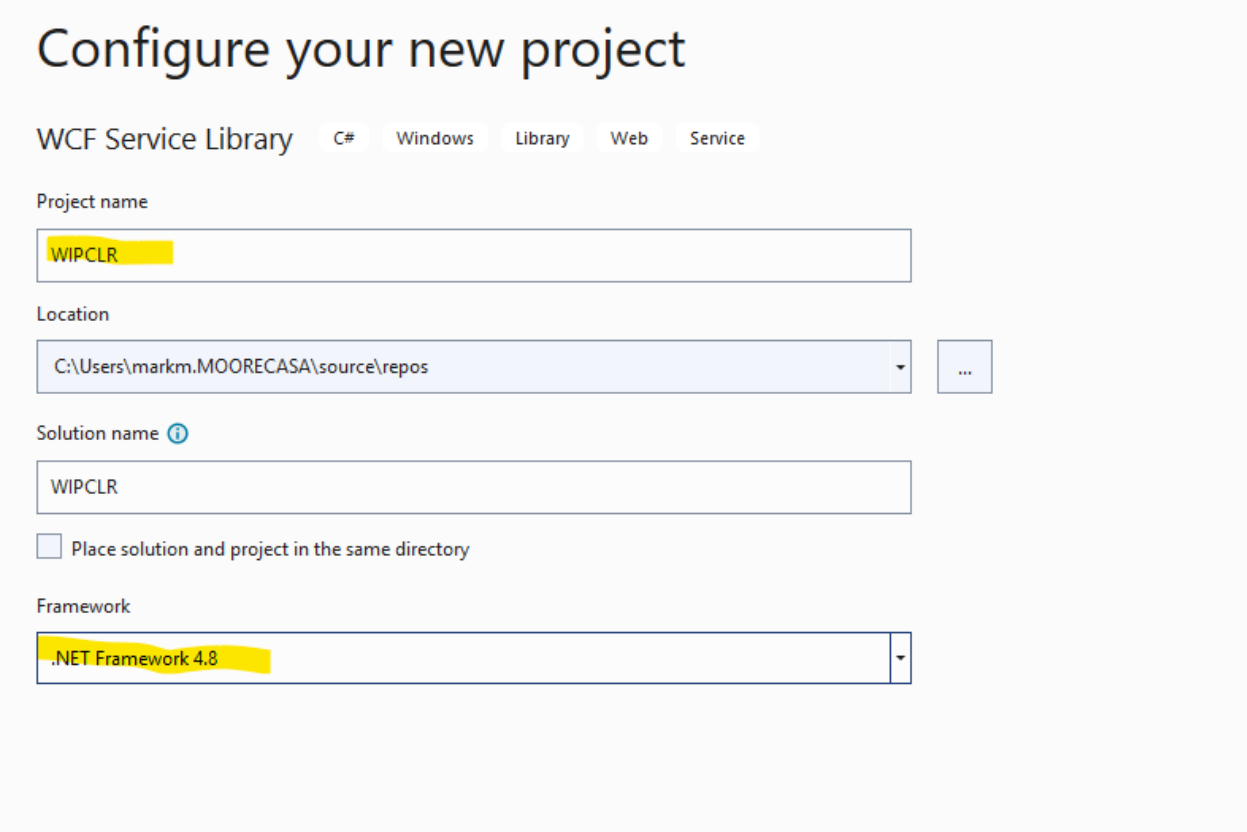
Create a new Class Library in Visual Studio.



Search for library on the next screen and choose Clas Library (.NET Framework)

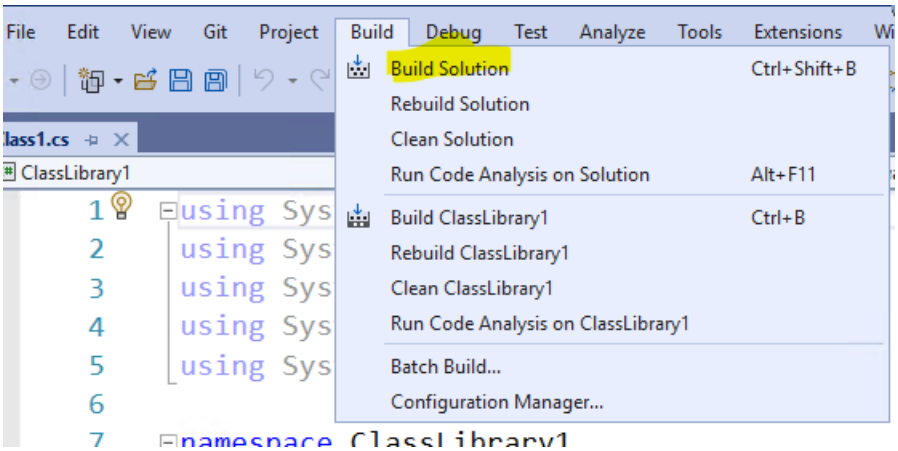


Name your project and choose a version of .NET



Remove any generated code and replace It with the code in WIPCLR.cs

Build the project.



This will build a dll which is located in the WIPCLR\WIPCLR\bin\Debug directory of your project.

Copy this file to your SQL Server.

SSMS

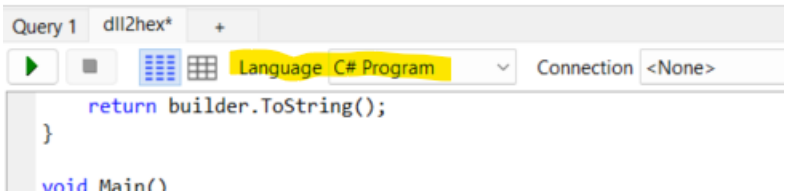
Now run the code in WPICLR.SQL in SQL Server Management Studio

This will also work in Azure SQL Managed Instance. For that you will need to supply the dll as hex.

Instructions to generate the hex from the dll can be found here.

[SQL Server CLR Function on Azure SQL Server Managed Instance | The Data Crew]

Make sure you select C# Program as your language to run the code provided in the above link to convert the dll to hex.



If you have the Assembly loaded in an on-premises SQL Server you can get the hex for the assembly as follows.