ToDoWith LoginAPI

[https://www.c-sharpcorner.com/article/entity-framework-database-first-in-asp-net-core2/](https://deref-gmx.net/mail/client/hjWuEvoLPLY/dereferrer/?redirectUrl=https%3A%2F%2Fwww.c-sharpcorner.com%2Farticle%2Fentity-framework-database-first-in-asp-net-core2%2F)

<https://www.entityframeworktutorial.net/efcore/create-model-for-existing-database-in-ef-core.aspx>

<https://chandradev819.wordpress.com/2019/11/02/database-first-approach-using-ef-in-asp-net-core-3-0/>

<https://www.c-sharpcorner.com/article/jwt-json-web-token-authentication-in-asp-net-core/>

<https://docs.microsoft.com/de-de/aspnet/core/tutorials/first-web-api?view=aspnetcore-3.1&tabs=visual-studio>

public class TodoItem

{

public long Id { get; set; }

public string Name { get; set; }

public bool IsComplete { get; set; }

}

public class UserModel

  {

      public string Username { get; set; }

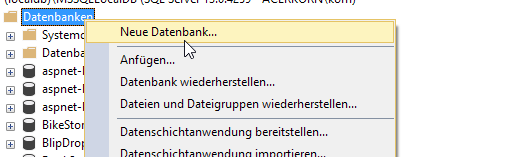
      public string Password { get; set; }

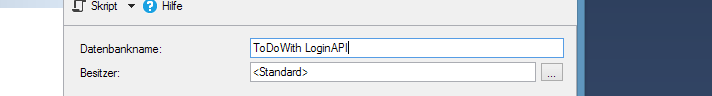
      public string EmailAddress { get; set; }

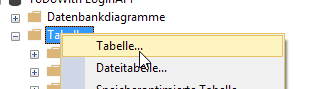
      public DateTime DateOfJoing { get; set; }

  }

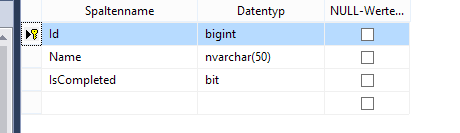
SqlServer:

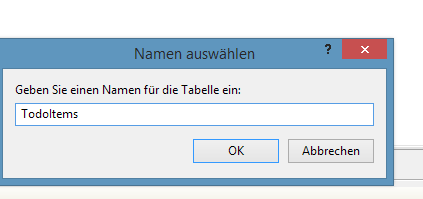




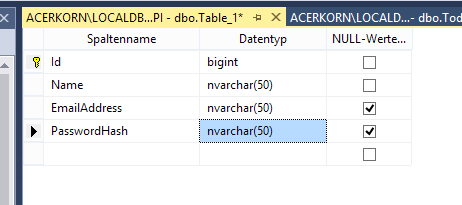


TodoItems

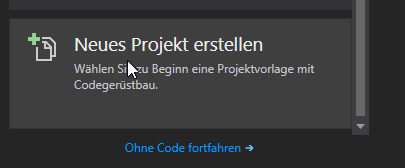


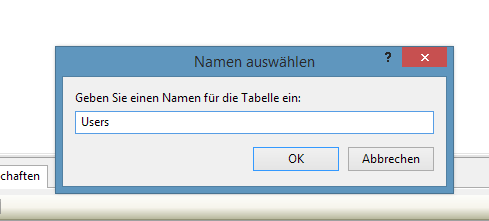


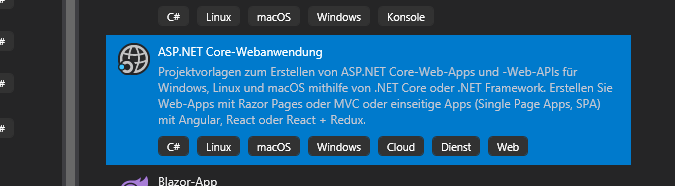
Users:

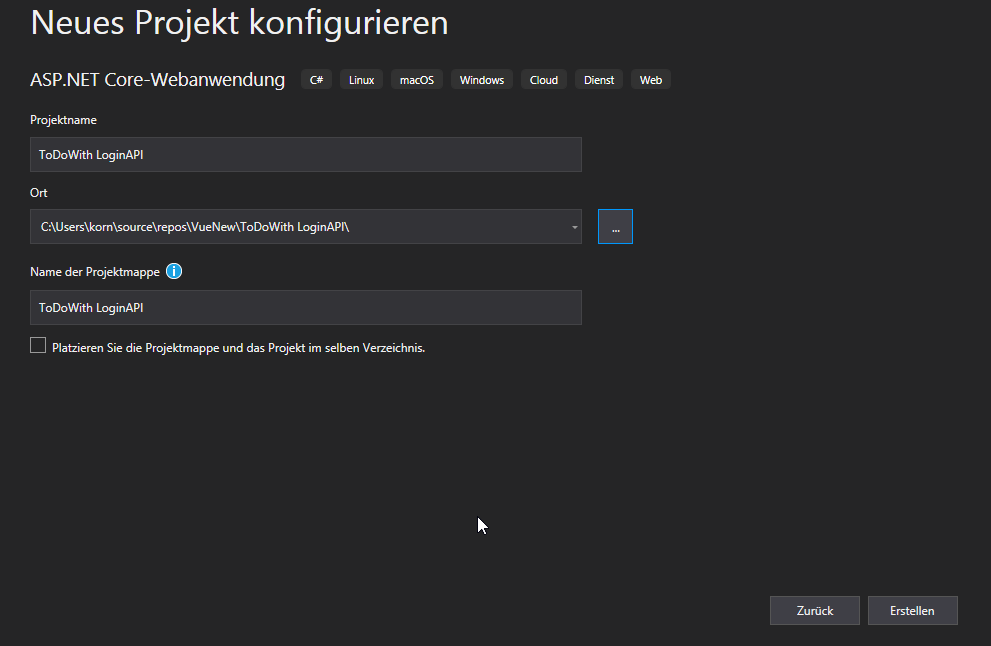


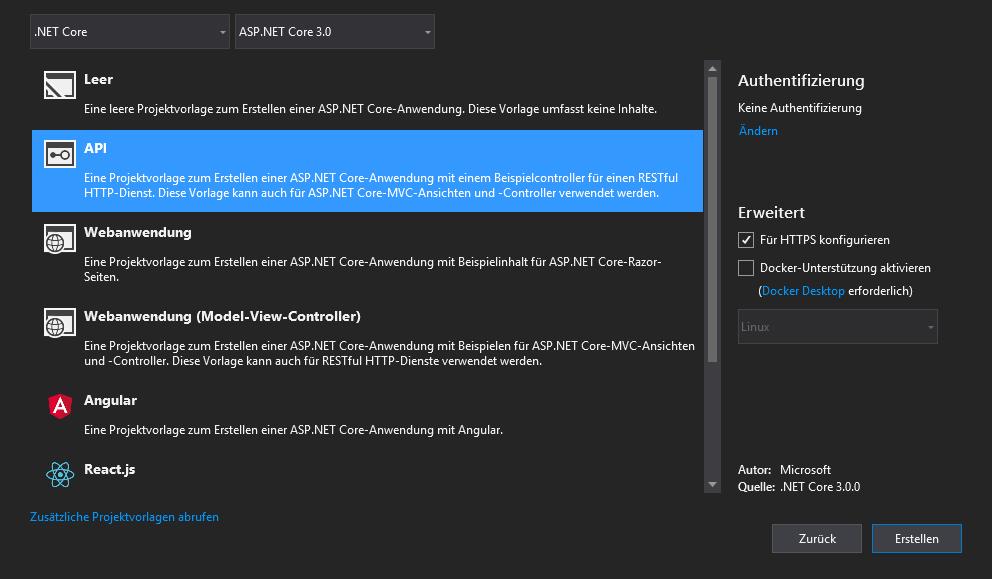
Visual Studio 2019:

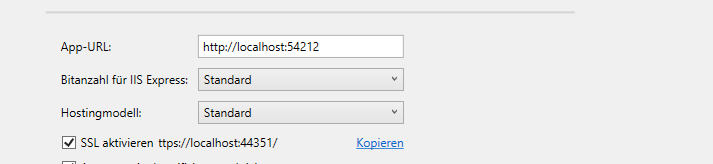




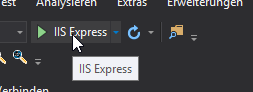


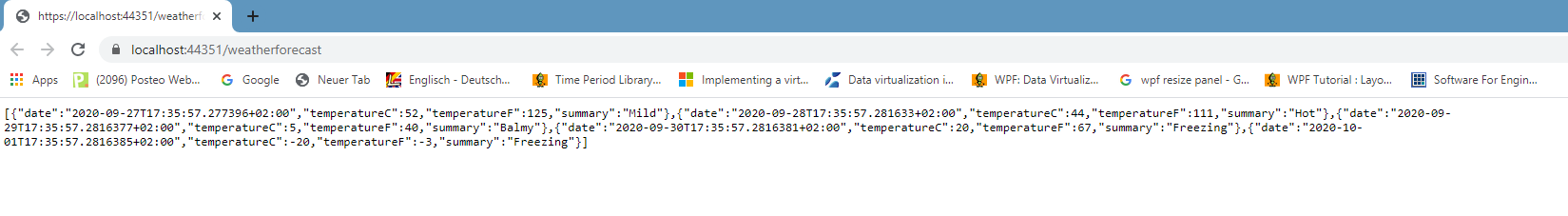




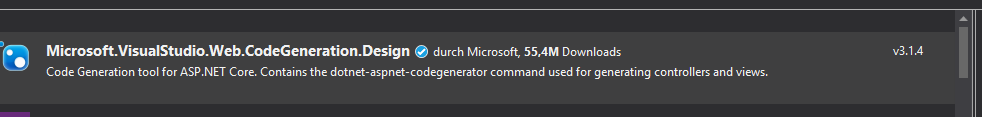


<https://localhost:44351/>

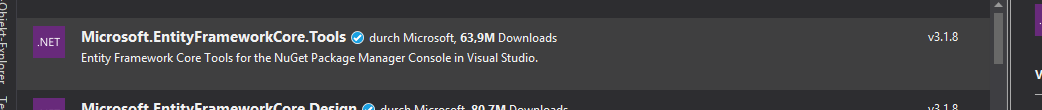




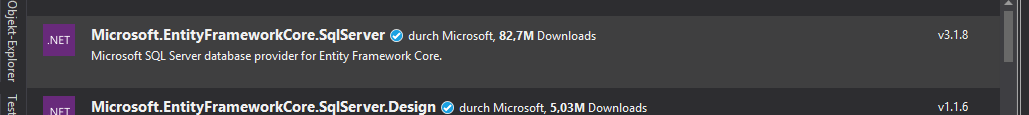
**Microsoft.VisualStudio.Web.CodeGeneration.Design**



**Microsoft.EntityFrameworkCore.Tools**

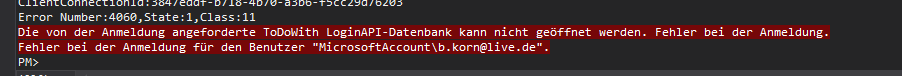


**Microsoft.EntityFrameworkCore.SqlServer**



**Step 4:** Run the scaffold command in Package Manager Console to reverse engineer the database to create database context and entity POCO classes from tables. The scaffold command will create POCO class only for the tables that have a primary key.

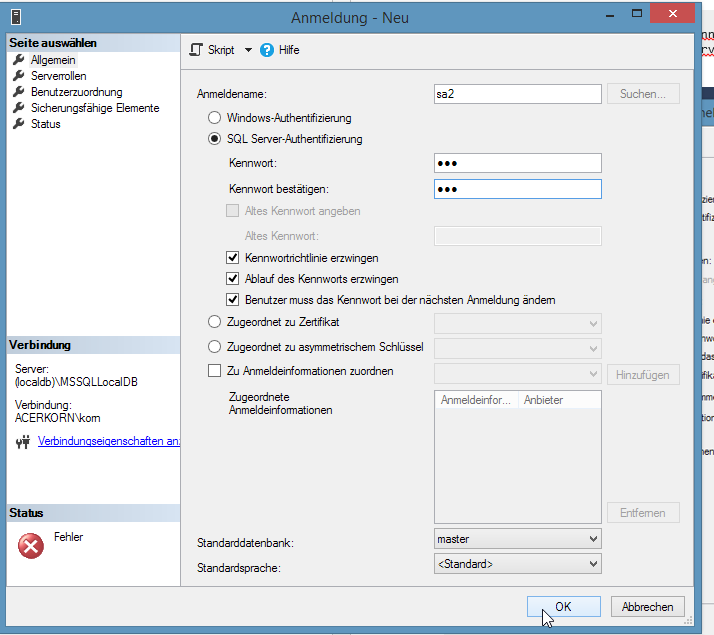
Scaffold-DbContext "Server=.\SQLExpress;Database=ToDoWith LoginAPI;Trusted\_Connection=True;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force



<https://entityframeworkcore.com/de/knowledge-base/48736620/scaffold-dbcontext--anmeldung-fehlgeschlagen---fehlernummer--4060--status--1--klasse--11->

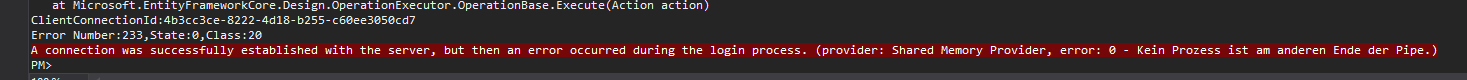
<https://entityframeworkcore.com/knowledge-base/49451319/dotnet-ef-scaffold-login-fails-for-user-sa-on-a-sqlserver-macos-linux>

dotnet ef dbcontext scaffold "Server=.;Database=MY\_DB;Trusted\_Connection=False;User ID=sa;Password=$MYPASSWORD" Microsoft.EntityFrameworkCore.SqlServer -o Models -c "DbContext"



Kennwort: sa2

Scaffold-DbContext "Server=.\SQLExpress;Database=ToDoWith LoginAPI;Trusted\_Connection=False;User ID=sa2;Password=sa2;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force



<https://www.sqlserverlogexplorer.com/fix-login-failed-error-233/>

(localdb)\MSSQLLocalDB

Scaffold-DbContext "Server=(localdb)\MSSQLLocalDB

;Database=ToDoWithLoginAPI;Trusted\_Connection=False;User ID=sa2;Password=sa2;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force

Error Number:233,State:0,Class:20

ACERKORN\SQLEXPRESS

Scaffold-DbContext "Server= ACERKORN\SQLEXPRESS

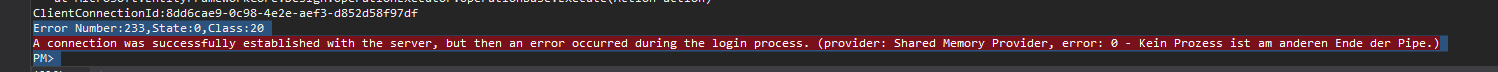
;Database=ToDoWithLoginAPI;Trusted\_Connection=False;User ID=sa2;Password=sa2;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force

Scaffold-DbContext "Server=.\SQLExpress

;Database=ToDoWithLoginAPI;Trusted\_Connection=False;User ID=sa2;Password=sa2;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force

Error Number:233,State:0,Class:20

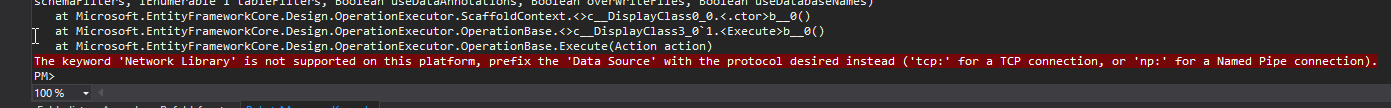
A connection was successfully established with the server, but then an error occurred during the login process. (provider: Shared Memory Provider, error: 0 - Kein Prozess ist am anderen Ende der Pipe.)



192.168.99.1, 1433

Scaffold-DbContext " Data Source=192.168.99.1,1433;Network Library=DBMSSOCN

;Database=ToDoWithLoginAPI;Trusted\_Connection=False;User ID=sa2;Password=sa2;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force



Scaffold-DbContext " Data Source=tcp:192.168.99.1,1433;

;Database=ToDoWithLoginAPI;Trusted\_Connection=False;User ID=sa2;Password=sa2;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force



Scaffold-DbContext " Data Source=tcp:.\SQLExpress;

;Database=ToDoWithLoginAPI;Trusted\_Connection=False;User ID=sa2;Password=sa2;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models -force

Funktioniert alles nicht, also händisch:

<https://www.c-sharpcorner.com/article/entity-framework-database-first-in-asp-net-core2/>

C:\Users\korn\source\repos\VueNew\ToDoWith LoginAPI\ToDoWith LoginAPI\ToDoWith LoginAPI\appsettings.json

"ConnectionStrings": {

  "ToDoWithLoginAPI": "Data Source=(localdb)\\MSSQLLocalDB;Database=ToDoWith LoginAPI;"

},

C:\Users\korn\source\repos\VueNew\ToDoWith LoginAPI\ToDoWith LoginAPI\ToDoWith LoginAPI\Models\User.cs

public class User

{

    [Key]

    public int Id { get; set; }

    public string Name { get; set; }

    public string EmailAddress { get; set; }

    public string PasswordHash { get; set; }

}

C:\Users\korn\source\repos\VueNew\ToDoWith LoginAPI\ToDoWith LoginAPI\ToDoWith LoginAPI\Models\ToDoItem.cs

public class ToDoItem

{

    [Key]

    public int Id { get; set; }

    public string Name { get; set; }

    public bool IsCompleted { get; set; }

C:\Users\korn\source\repos\VueNew\ToDoWith LoginAPI\ToDoWith LoginAPI\ToDoWith LoginAPI\Models\ToDoWith LoginAPIContext.cs

public class ToDoWith\_LoginAPIContext : DbContext

{

    public ToDoWith\_LoginAPIContext(DbContextOptions<ToDoWith\_LoginAPIContext> options) : base(options)

    {

    }

    public DbSet<User> Users { get; set; }

    public DbSet<ToDoItem> ToDoItems { get; set; }

}

<add name="ToDoWith\_LoginAPIEntities" connectionString="metadata=res://\*/Model1.csdl|res://\*/Model1.ssdl|res://\*/Model1.msl;provider=System.Data.SqlClient;provider connection string='data source=(localdb)\MSSQLLocalDB;initial catalog=&quot;ToDoWith LoginAPI&quot;;integrated security=True;MultipleActiveResultSets=True;App=EntityFramework'" providerName="System.Data.EntityClient" />