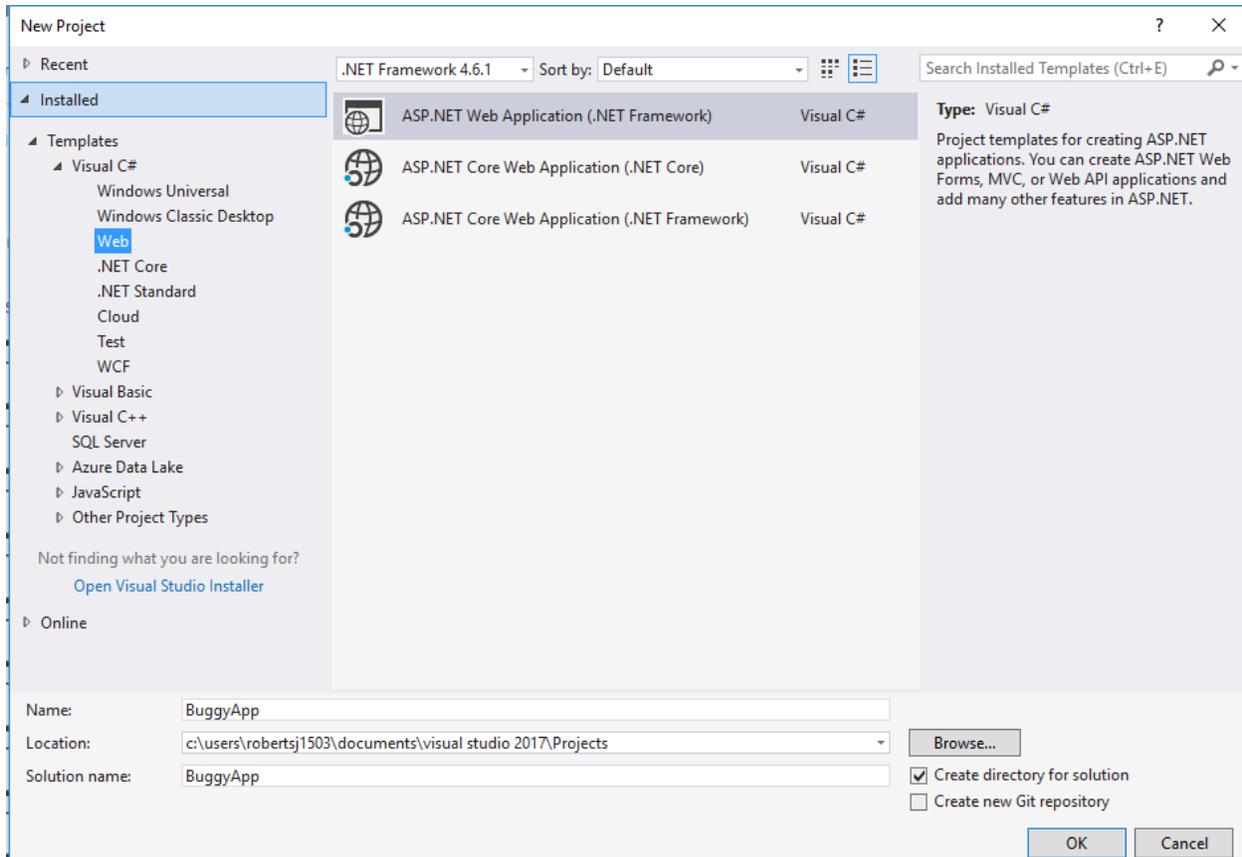
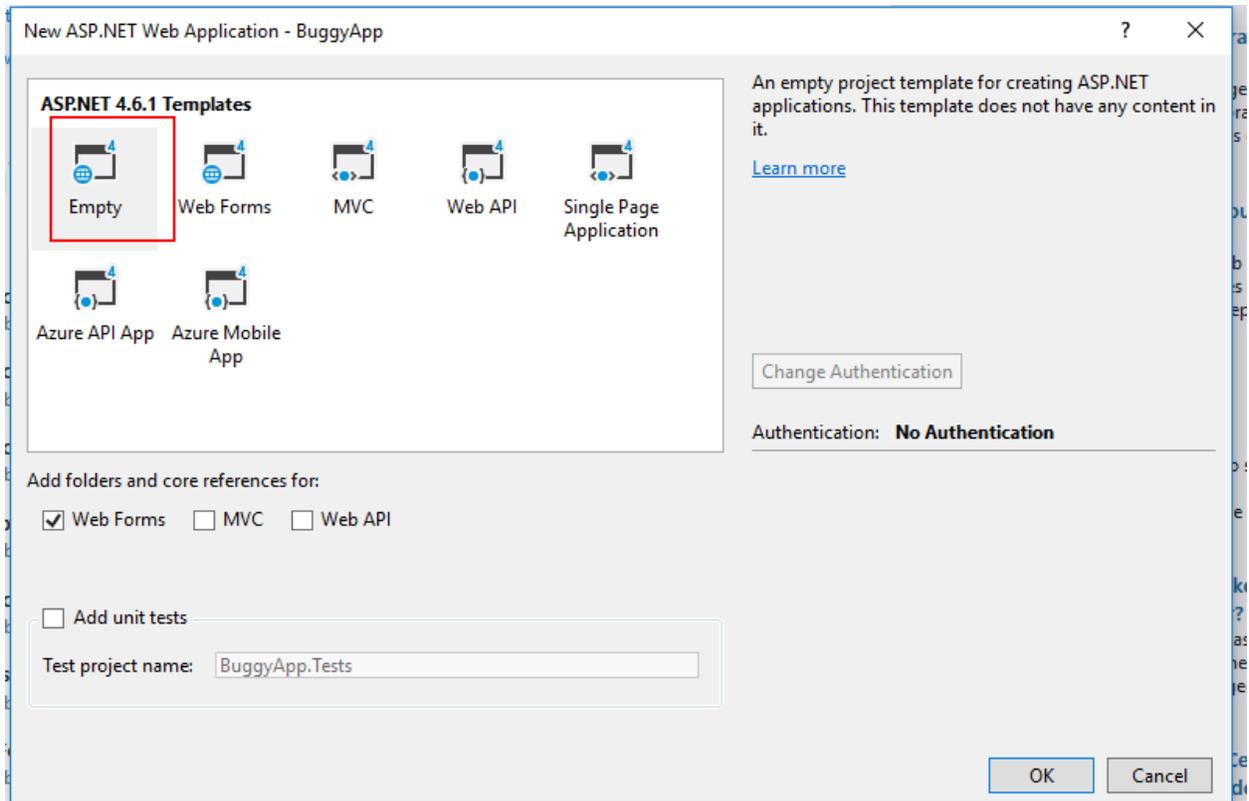


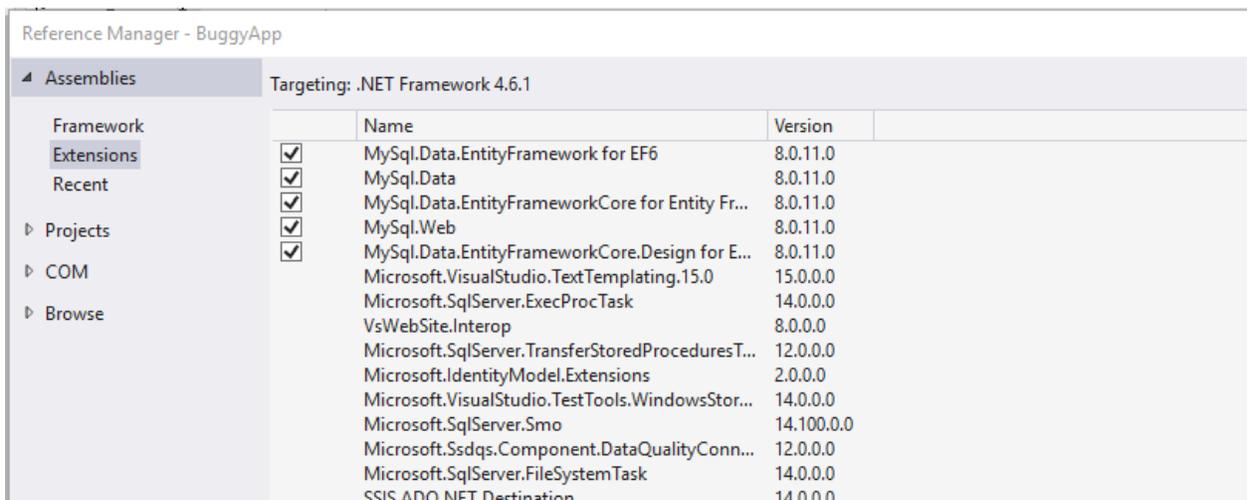
Step by step screenshots for Bug #91136

Create new C# Web App – Empty with Web Form Refs

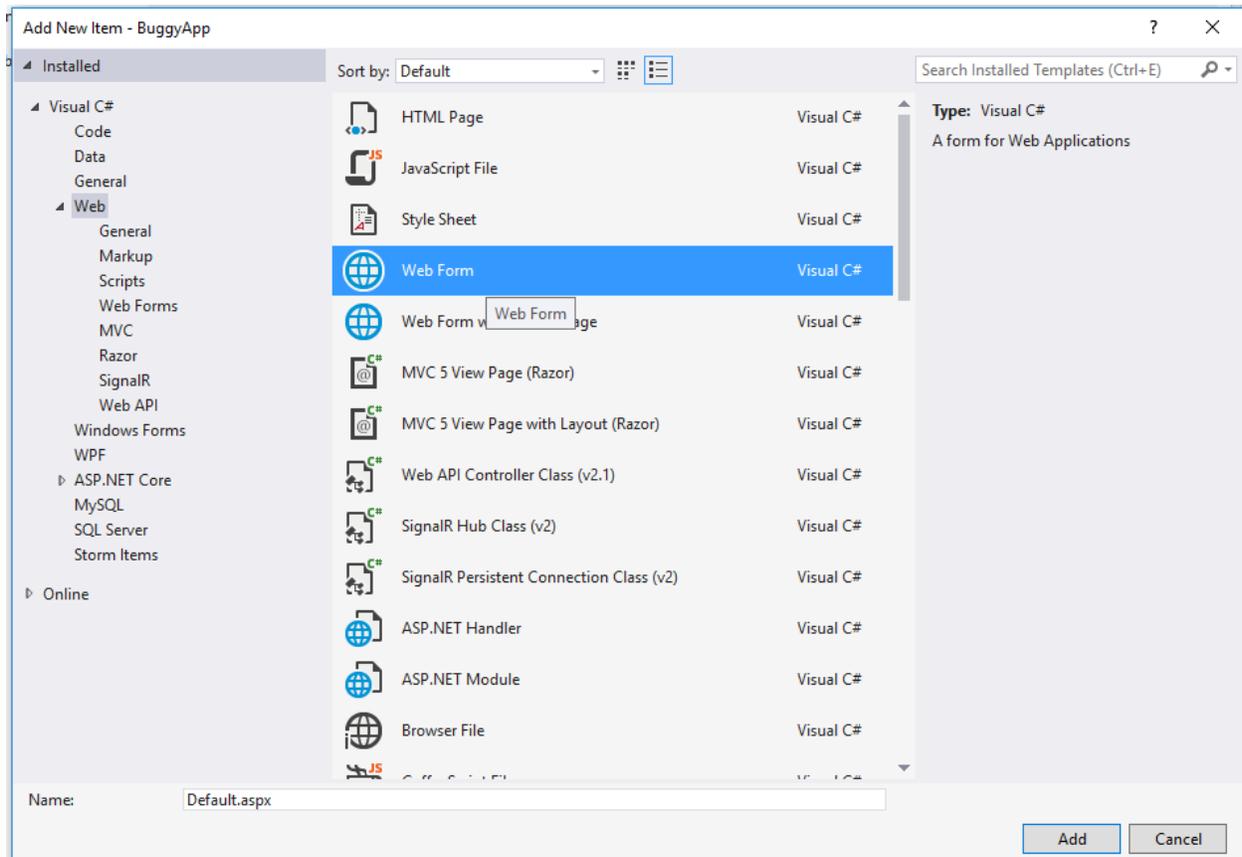




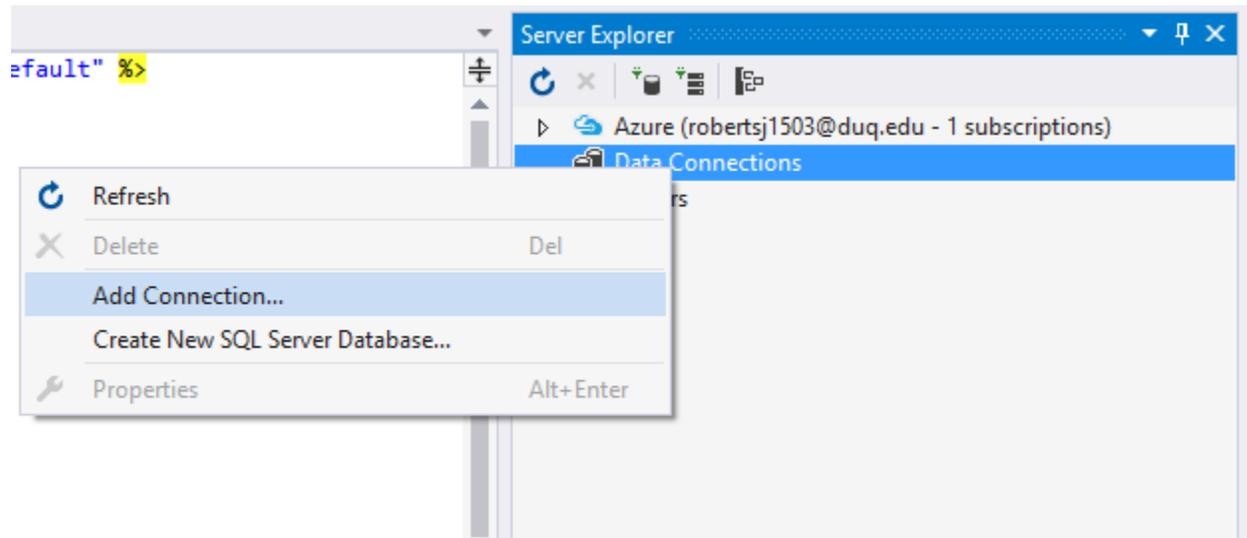
Add references to MySQL

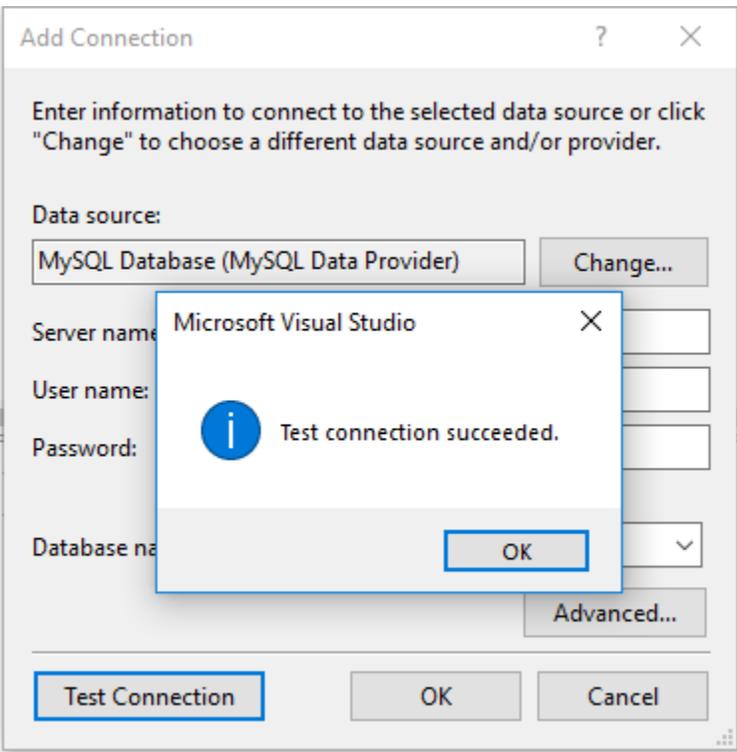
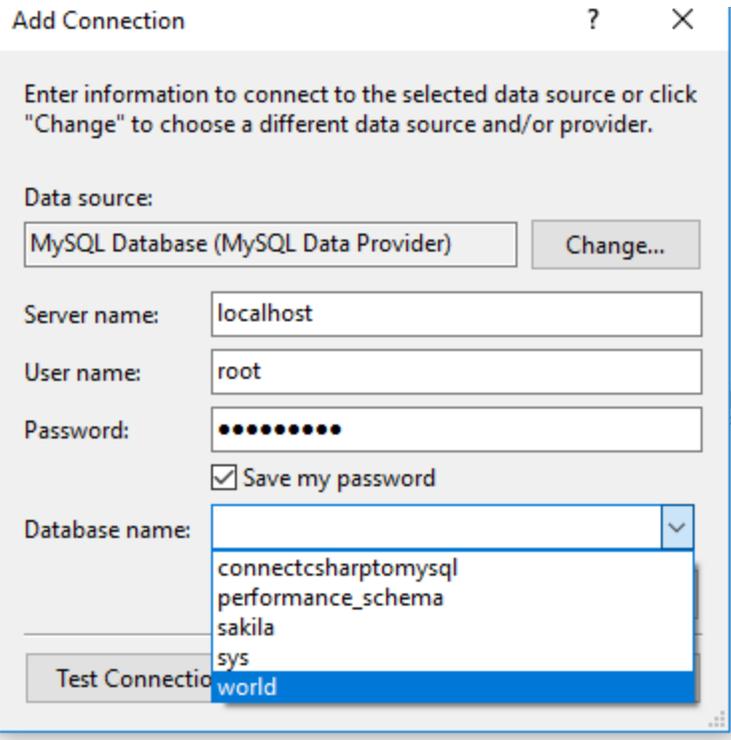


Add Web Form named Default

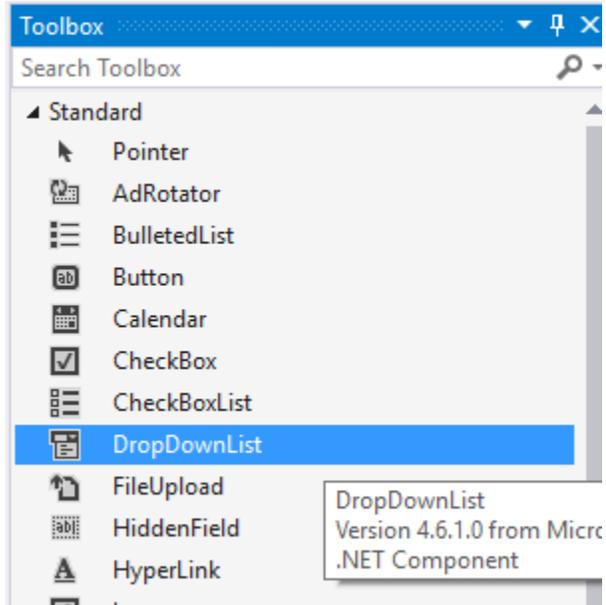


Use Server Explorer to create a connection to MySQL world sample DB

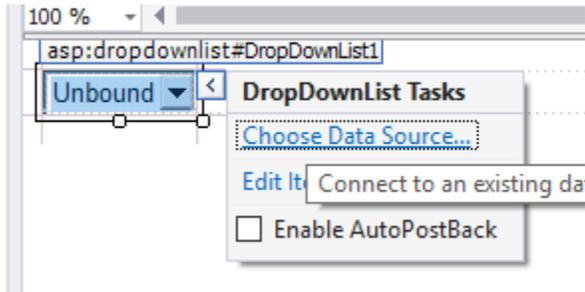




Add DDL control to form named **Default**



Add new SQL Data Source named **SqlDataSource1** to the DDL





Choose a Data Source

Select a data source:

(None) v
(None) v
<New data source...> v
v

list:

Select a data field for the value of the DropDownList:

v

OK

Cancel

Data Source Configuration Wizard



Choose a Data Source Type

Where will the application get data from?



Database



Entity



LINQ



Object



Site Map

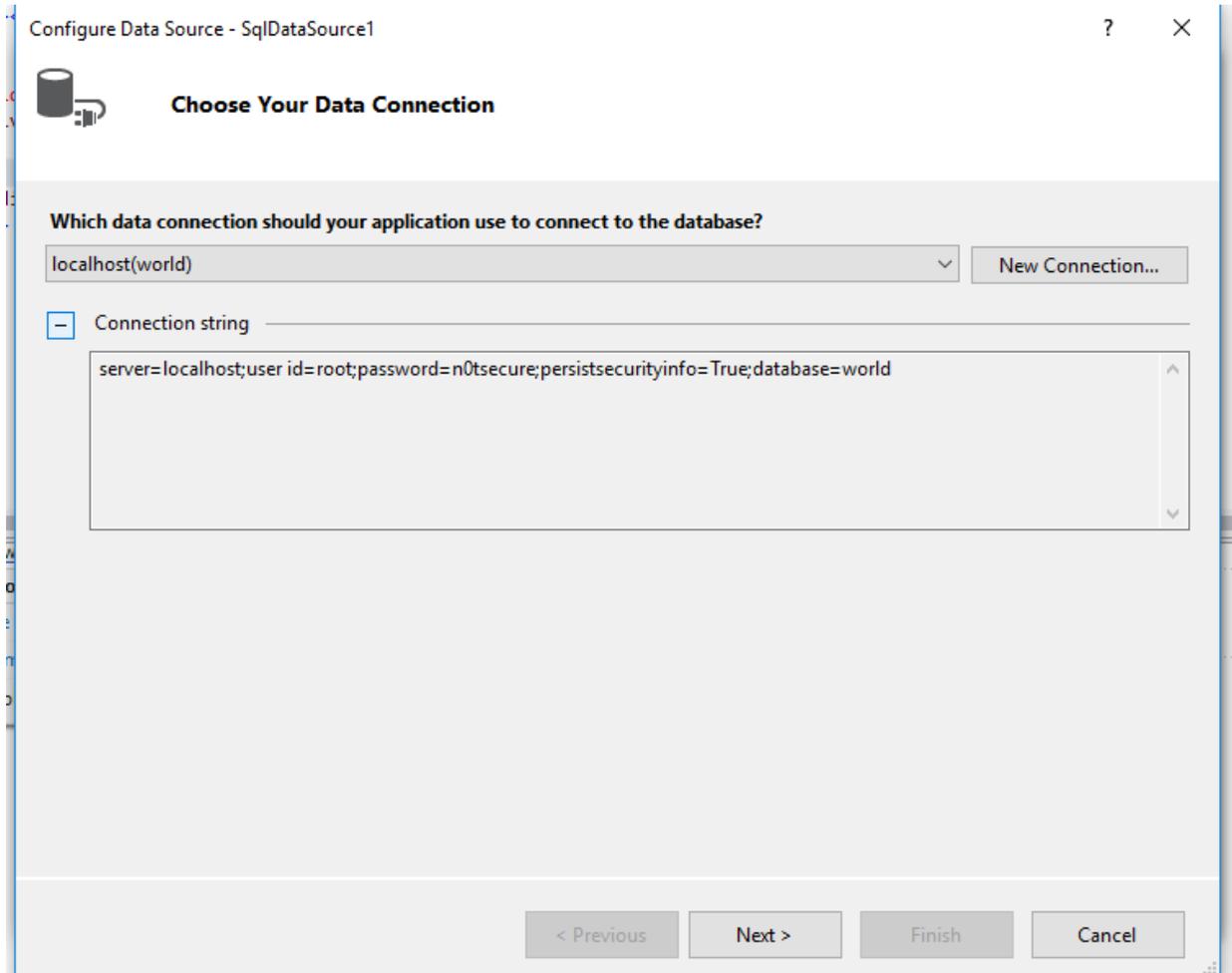


XML File

Connect to any SQL database supported by ADO.NET, such as Microsoft SQL Server, C

Specify an ID for the data source:

Use the previously created localhost(world) connection



Save the connection string to Web.config

Configure Data Source - SqlDataSource1

 **Save the Connection String to the Application Configuration File**

Storing connection strings in the application configuration file simplifies maintenance and deployment. To save the connection string in application configuration file, enter a name in the text box and then click Next. If you choose not to do this, the connection string is saved in the page as a property of the data source control.

Do you want to save the connection in the application configuration file?

Yes, save this connection as:

< Previous Next > Finish Cancel

Construct custom query using Query Designer

Configure Data Source - SqlDataSource1

Configure the Select Statement

How would you like to retrieve data from your database?

Specify a custom SQL statement or stored procedure

Specify columns from a table or view

Name:
city

Columns:

- *
- ID
- Name
- CountryCode
- District
- Population

Return only unique rows

WHERE...

ORDER BY...

Advanced...

SELECT statement:
SELECT * FROM [city]

< Previous Next > Finish Cancel



Define Custom Statements or Stored Procedures

Click a tab to create a SQL statement for that operation.

SELECT UPDATE INSERT DELETE

SQL statement:

Query Builder...

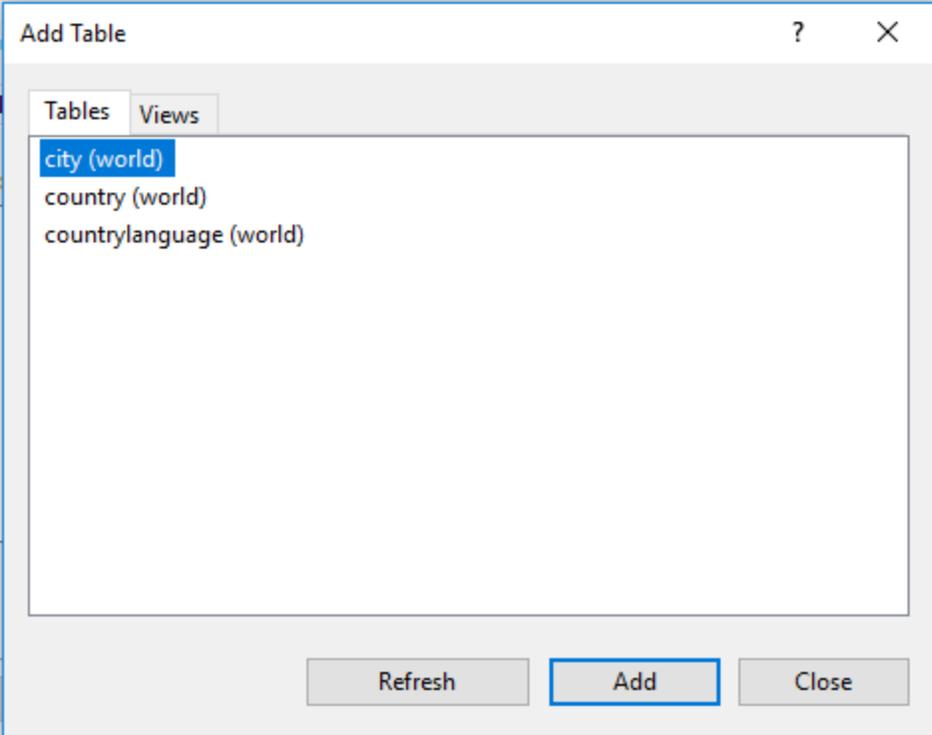
Stored procedure:

< Previous

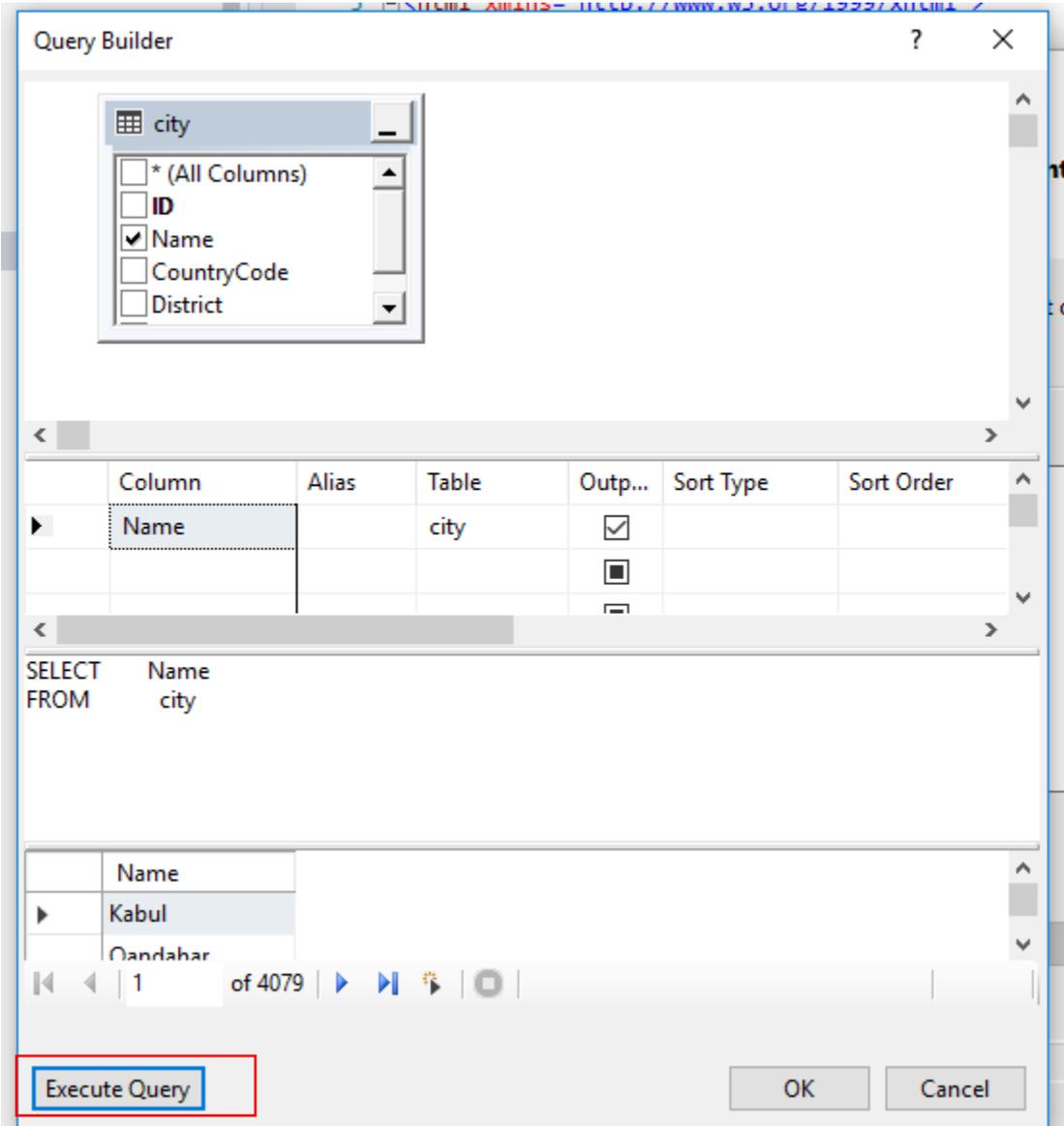
Next >

Finish

Cancel



Execute Query – Success!





Define Custom Statements or Stored Procedures

Click a tab to create a SQL statement for that operation.

SELECT UPDATE INSERT DELETE

SQL statement:

```
SELECT Name FROM city
```

Query Builder...

Stored procedure:

< Previous

Next >

Finish

Cancel

Test the Query back in the Data Source configuration Wizard – No Joy

Configure Data Source - SqlDataSource1

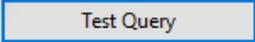
 **Test Query**

To preview the data returned by this data source, click Test Query. To complete this wizard, click Finish.

Microsoft Visual Studio

 **Could Not Create Connection**
Object reference not set to an instance of an object.

OK



SELECT statement:
SELECT Name FROM city

< Previous Next > Finish Cancel

No fields are available to the DDL from newly configured data source
Data Source Configuration Wizard



Choose a Data Source

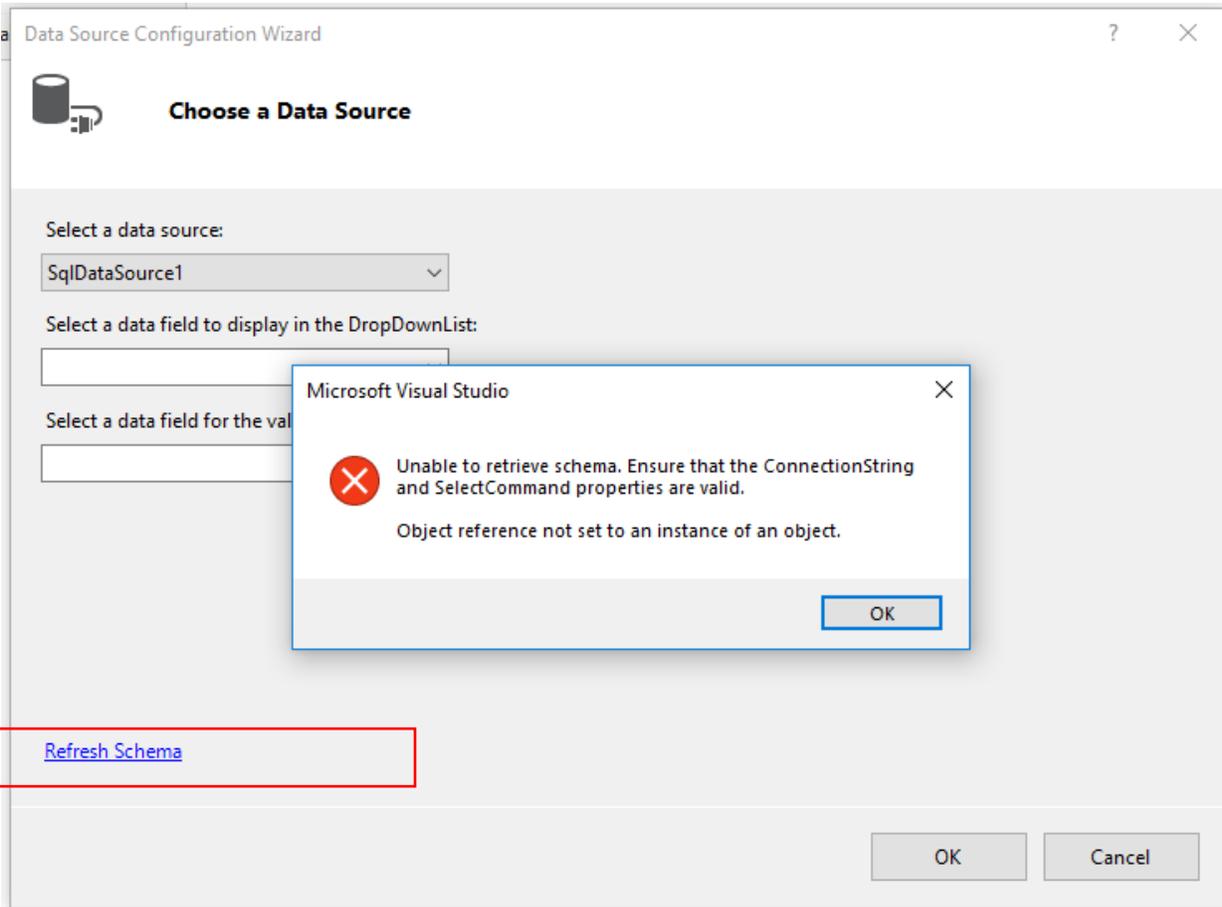
Select a data source:

SqlDataSource1

Select a data field to display in the DropDownList:

Select a data field for the value of the DropDownList:

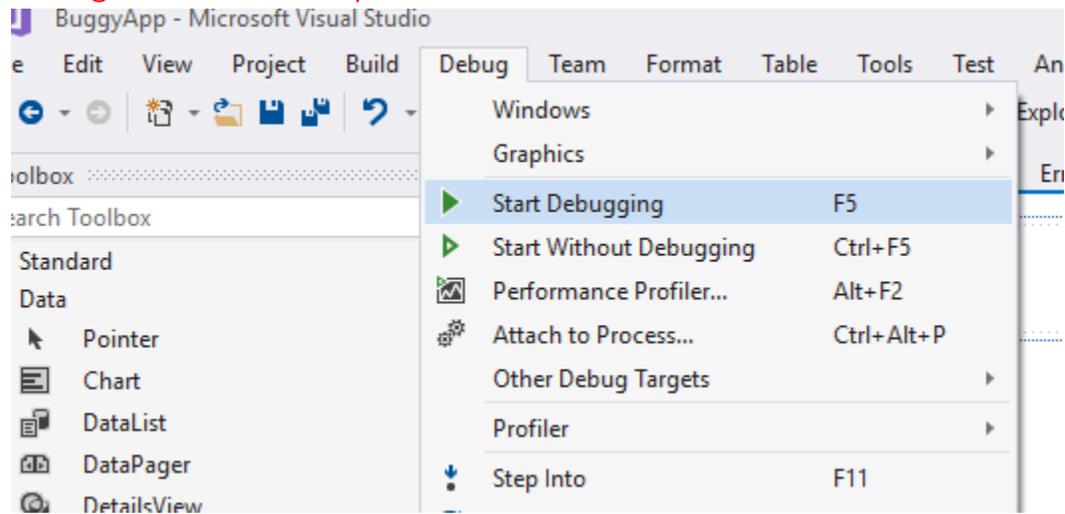
Refresh Schema fails in the same way the app will ultimately fail



Connection string checks out and can be used to open a connection via code

```
Web.config*  X  Default.aspx*  BuggyApp  Error List ...  Output
1  <?xml version="1.0" encoding="utf-8"?>
2  <!--
3  For more information on how to configure your ASP.NET application, please visit
4  https://go.microsoft.com/fwlink/?LinkId=169433
5  -->
6  <configuration>
7  <connectionStrings>
8  <add name="worldConnectionString"
9  connectionString="server=localhost;user id=root;password=n0tsecure;persistsecurityinfo=True;database=world"
10 providerName="MySql.Data.MySqlClient" />
11 </connectionStrings>
```

Debug fails in same way as Refresh Schema





Server Error in '/' Application.

Object reference not set to an instance of an object.

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace

Exception Details: System.NullReferenceException: Object reference not set to an instance of an object.

Source Error:

An unhandled exception was generated during the execution of the current web request. Informa

Stack Trace:

```
[NullReferenceException: Object reference not set to an instance of an object
System.Web.UI.WebControls.SqlDataSource.CreateDataAdapter(DbCommand comman
System.Web.UI.WebControls.SqlDataSourceView.ExecuteSelect(DataSourceSelect
System.Web.UI.WebControls.ListControl.OnDataBinding(EventArgs e) +364
System.Web.UI.WebControls.ListControl.PerformSelect() +42
System.Web.UI.WebControls.BaseDataBoundControl.EnsureDataBound() +133
System.Web.UI.WebControls.ListControl.OnPreRender(EventArgs e) +35
System.Web.UI.Control.PreRenderRecursiveInternal() +109
System.Web.UI.Control.PreRenderRecursiveInternal() +203
System.Web.UI.Control.PreRenderRecursiveInternal() +203
System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoin
```

Version Information: Microsoft .NET Framework Version:4.0.30319; ASP.NET Version:4.7.2633.0