Filling Data in a ListBox Using C# and MySQL Database

In this tutorial, I will teach you how to fill data in a ListBox using C# and MySQL database. This process will illustrate how to get the data in the database and display it on a ListBox. This operation will be a big help for you when you are dealing with a ListBox and MySQL Database.

<h3>Creating Application</h3>

<h2>Step 1</h2>

Open <strong>Microsoft Visual Studio 2015 </strong>and create a new windows form application for c#.

<img src="https://www.sourcecodester.com/sites/default/files/creating\_application\_c\_3.png" width="600" height="400" alt="ps1" />

<h2>Step 2</h2>

Do the form just like shown below.

<h2>Step 3</h2>

Press F7 to open the code editor. In the code editor, add a namespace to access <code>MySQL </code>libraries

<csharp>

using MySql.Data.MySqlClient;

</csharp>

<h2>Step 4</h2>

Create a <strong> connection between C# and MySQL database</strong>. After that, declare all the classes and variable that is needed.

<csharp>

MySqlConnection con = new MySqlConnection("server=localhost;user id=root;password=;database=dbpeople;sslMode=none");

MySqlCommand cmd;

MySqlDataAdapter da;

DataTable dt;

string sql;

</csharp>

<h2>Step 5</h2>

Create a method to fill the data inside a ListBox.

<csharp>

private void fill\_data(string sql,ListBox lst)

{

try

{

con.Open();

cmd = new MySqlCommand();

da = new MySqlDataAdapter();

dt = new DataTable();

cmd.Connection = con;

cmd.CommandText = sql;

da.SelectCommand = cmd;

da.Fill(dt);

lst.DataSource = dt;

lst.DisplayMember = "FNAME";

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

finally

{

con.Close();

da.Dispose();

}

}s

</csharp>

Step 6

Writ the following codes to execute the method in the first load of the form.

<csharp>

private void Form1\_Load(object sender, EventArgs e)

{

sql = "SELECT FNAME FROM `tblperson`";

fill\_data(sql, listBox1);

}

</csharp>

The complete source code is included you can download it and run it on your computer.

For any questions about this article. You can contact me @

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Or feel free to comment below.