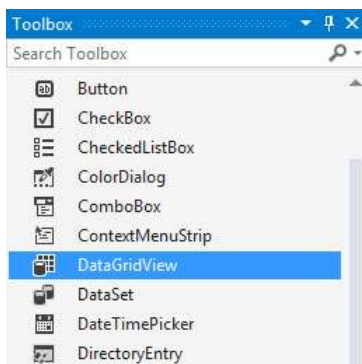


DataGridView in Visual Basic .NET

Tags: VB.NET, VB 2008, VB 2010, VB 2012, VB 2013



This lesson describes the DataGridView control



This control displays a table-like grid display while the data can come from a data source such as a DataSet or BindingSource.

Of course, you can add rows and columns directly to the control without using the mentioned data source objects.

The DataGridView provides many properties for customizing appearance of the grid.

For example, you can change column header styles and cell border styles, determine whether rows and columns are resizable, and determine whether the control displays tooltips and errors in data cells.

Visual Basic can automatically create a DataGridView bound to a BindingSource and associated with a BindingNavigator.

To do this, create a data source and drag a table from the Data Sources window onto a form.

First click the little "Add New Data Source" button in the Data Source window, and then in the new dialog choose the database as data source type:

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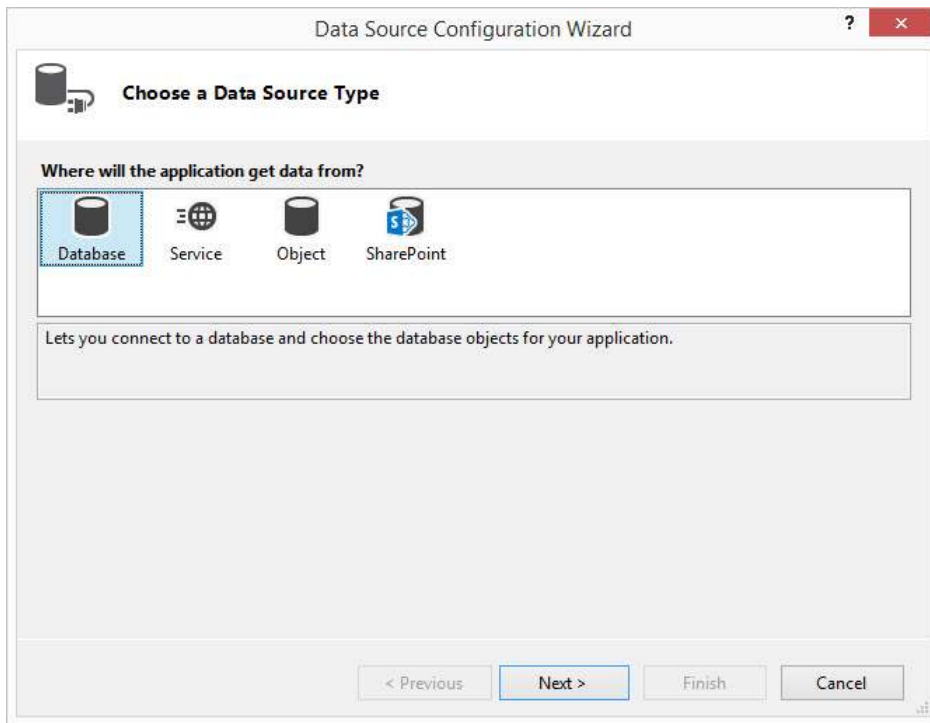
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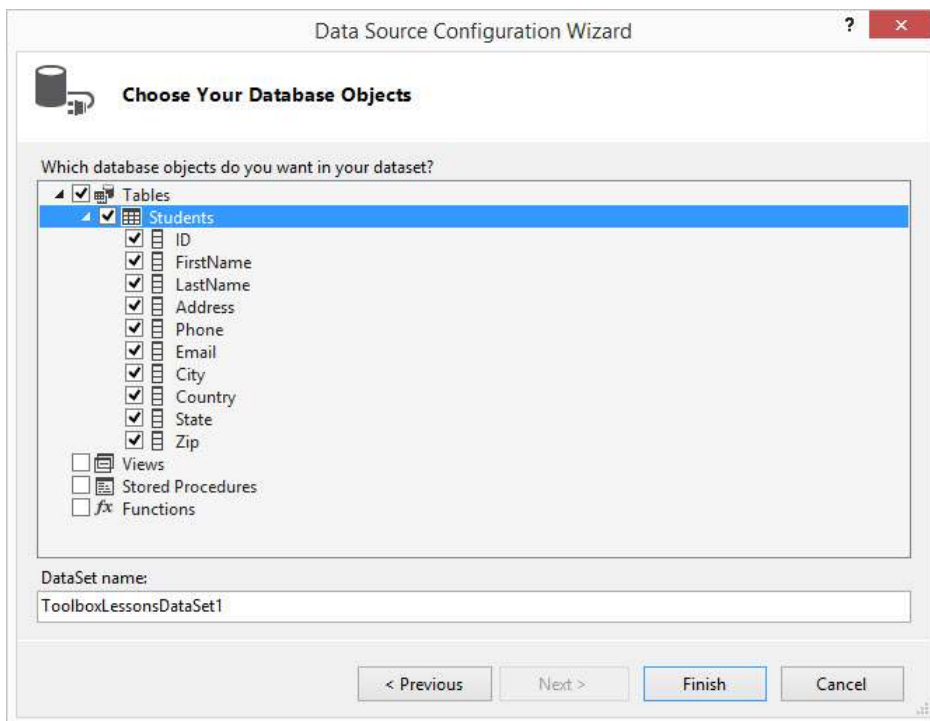
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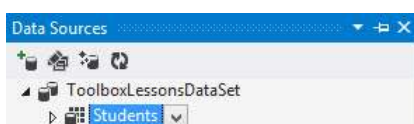
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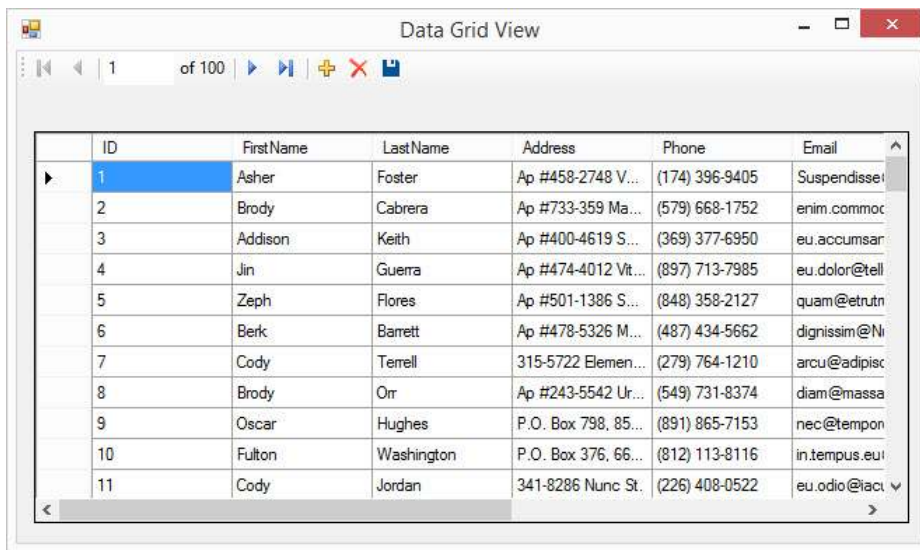
Click next so you can select the data you want to retrieve:



Now just drag and drop the table to the form:



Voila!



ID	FirstName	LastName	Address	Phone	Email
1	Asher	Foster	Ap #458-2748 V...	(174) 396-9405	Suspendisse
2	Brody	Cabrera	Ap #733-359 Ma...	(579) 668-1752	enim.commoc
3	Addison	Keith	Ap #400-4619 S...	(369) 377-6950	eu.accumsan
4	Jin	Guerra	Ap #474-4012 Vit...	(897) 713-7985	eu.dolor@tell
5	Zeph	Flores	Ap #501-1386 S...	(848) 358-2127	quam@etrutn
6	Berk	Barrett	Ap #478-5326 M...	(487) 434-5662	dignissim@Ni
7	Cody	Terrell	315-5722 Elemen...	(279) 764-1210	arcu@adipisc
8	Brody	Orr	Ap #243-5542 Ur...	(549) 731-8374	diam@massa
9	Oscar	Hughes	P.O. Box 798, 85...	(891) 865-7153	nec@tempor
10	Fulton	Washington	P.O. Box 376, 66...	(812) 113-8116	in.tempus.eu
11	Cody	Jordan	341-8286 Nunc St.	(226) 408-0522	eu.odio@iacu

Note: you could do the very same with the code below:

```

1 Dim table As New DataTable
2 Dim connection As New SqlConnection(My.Settings.ConnectionString)
3 Try
4     connection.Open()
5     Dim command As SqlCommand = connection.CreateCommand
6     command.CommandText = "SELECT * FROM Students"
7     table.Load(command.ExecuteReader)
8     command.Dispose()
9     StudentsGrid.DataSource = table
10 Catch ex As Exception
11     MessageBox.Show(ex.Message)
12 Finally
13     connection.Close()
14 End Try

```

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