ReportMax Tutorials

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ReportMax Basic Usage

Introduction:

<u>ReportMax</u> is a reporting tool for .NET Framework developers on Visual Studio.NET 2010 and up to 2015 (Including Visual Studio Express). It is easy to use and rich in features. In this tutorial, I would like to step through a basic tutorial to get you started in this tool.

To use this opportunity I had done some work so that other users will get maximum from this Tool. You can view your reports in PDF format.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report. Here are the steps to use the tool. You need to install ReportMax from <u>here</u>. In this article I am using Grouping.

Steps to create and consume ReportMax:

1. Select Visual C# - Windows. Then Select Windows Forms Application. Enter the Project Name. Click OK.

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2. From the Project menu, Select Add New Item. Select ReportMax files from the left. Select Blank Report (Inch) from the right. Name the File to MainReport. Click Ok.

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					Add Cancel

Page Header (PageHeader1)
Detail (Detail1)
Page Footer (PageFooter1)

3. Add a Label in the middle of the Page Header section to set heading of report. Page Header (PageHeader1)



4. Set the Connection String property by Click on the ... button in the ConnectionString property. Select Microsoft Jet 4.0 OLE DB Provider. Click Next. Browse to *Cities.mdb* Access database sample file. Hit Test Connection to make sure. Click OK to close the dialog. Please note that in order to run the sample report file, you need to do this step to select the sample database, or otherwise the database path will be invalid.

Properties	
Page1 Page	
a 24 <i>P</i>	
(Name)	Page1
AlignToGrid	False
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F Select the data you want to connect to:	
F	
OLE DB Provider(s)	^
I Microsoft OLE DB Provider for Indexing Service	
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Microsoft OLE DB Provider for Search	
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OK Cancel	Help

 In the SQL Property. Click the ... button. Enter the following SQL Statement and hit OK. SELECT Country.Code, Country.CountryName, City.CityName, City.Population FROM Country INNER JOIN City ON Country.Code = City.Country ORDER BY Country.CountryName;



- 6. Click on the Group Header blue bar to view its properties. Enter "Code" in the DataField Property (without the quotes)
- Add a Textbox in the Group Header area (between the Group Header and the Detail section). Blank thattextbox. Name it: txtCountryName. Set the DataField property to "CountryName".
- 8. Select the Detail section bar. Select AutoExpand to True and AutoShrink property to True.
- Add two textboxes in the Detail section. Name the first txtCityName and the sectiontxtPopulation. In the DataField property of txtCityName, enter "CityName". In the DataFieldproperty of txtPopulation, enter "Population".
- 10. In the Group Footer section. Add a textbox (Field) named txtPopulationTotal. Set the DataFieldproperty to "Population". Set the FunctionType property to Sum. Set the FormatType to 1-Numberand the Format to 3 123,356,789.
- 11. Add a label near txtPopulationTotal with text "Population Total".
- 12. In the Page Footer Section. Add a Field control named "txtPageNo". Set the FunctionType property to Page Number. You can add another Field control and set the FunctionType to Page Total. This way, you will have Page n of m at the bottom of every page.

13. Make sure to save your work.

Viewing the Report:

- 1. Goto to Form1 Design window. View the Toolbox. Right click the General category and Select Choose Items... The Choose Items dialog will appear. In the .NET Framework Components tab, click on the Namespace column. Go to the top and locate ReportMaxViewer component and add it to the dialog.
- 2. You will find the **ReportMaxViewer** component in the **Toolbox**. Click and drag over the form and place it stretched on the form.
- Click on the control placed on the form and locate the OutputType property. You have three choices. You can view it on the control window, to the Printer or to a PDF File. Make sure it is rmOutputTypeWindow.
- 4. In the **ReportFile** property, browse to the location of *MainReport.rpm* you created.
- 5. Run the project. You should be able to see your report.

ReportMax with Custom Data Sources

Introduction:

This is the second tutorial for ReportMax reporting tool for .NET developers (<u>http://www.cppmax.com</u>). As a pre-requisite, you need to read <u>first</u> article on how to use reportmax. This new tutorial shows the developer how to connect to virtually any data source (in this example Sqlite) by code and without using Ole DB Providers.

If you have your own method of accessing a database, or if you do not have access to an Ole Db provider for that data source, or if you wish to access a custom data source (i.e. XML file), then you need to override SetDataSource event and write your own code to read from the database and bind it to the report. In this example, I will show how to connect to a Sqlite database using *System.Data.Sqlite.dll* and fill out the data set for the report to read from.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report. Here are the steps to use the tool. You need to install ReportMax from <u>here</u>.

Steps to create and consume ReportMax:

14. Select Visual C# - Windows. Then Select Windows Forms Application. Enter the Project Name. Click OK.

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Samples		Windows Forms Application	Visual C#	
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Name:	MaxReport]
Location: E:\back\TestFc		older\		Browse
Solution name:	MaxReport			Create directory for solution
				OK Cancel

15. From the Project menu, Select Add New Item. Select ReportMax files from the left. Select Blank Report (Inch) from the right. Name the File to MainReport. Click Ok.

Add New Item - MaxRe	eport		-		? ×
▲ Installed	So	rt by: Default	- II E		Search Installed Templates (Ctrl+E)
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Name:	MainReportIrpm				Add Cancel

Page Header (PageHeader1)
Detail (Detail1)
Page Footer (PageFooter1)

16. Add a Label in the middle of the Page Header section to set heading of report.



- 17. Make sure the ConnectionString and SQL properties are blank.
- 18. Make sure the ReportFile property is set to the correct *MainReport.rpm* path under the sample.

Viewing the Report:

6. Add a reference to *System.Data.Sqlite.dll* from the sample folder. Since this is a version 2.0 DLL, you need to enable mixed assembly mode. Create or open

the *SqliteReportMaxSample.exe.config* and paste the following code. Place this file where the executable is located.

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
<startup useLegacyV2RuntimeActivationPolicy="true">
<supportedRuntime version="v4.0" />
</startup>
<runtime>
<generatePublisherEvidence enabled="false" />
</runtime>
</configuration>
```

- Click on the ReportMaxViewer control on the Form designer. Click the Events in the Properties Window. Double click Report_SetDataSource Event. An event handler will be created and the focus will be moved to the code editor.
- 8. Write the following statement at the top of the file.

using System.Data.Sqlite;

9. Paste the following code inside SetDataSource event handler.

```
dataset = new DataSet();
string connString = string.Format("Data Source={0};Version=3;", "..\\..\\Cities.db");
SQLiteConnection con = new SQLiteConnection(connString);
con.Open();
string sql = "SELECT Code, CountryName, CityName, City.Population FROM Country,
City WHERE Country.Code = City.Country ORDER BY CountryName;";
SQLiteDataAdapter da = new SQLiteDataAdapter(sql, con);
da.Fill(dataset);
con.Clone();
```

10. Run the application. You should see the report.

Using Chart control in ReportMax

Introduction:

This is the third tutorial for ReportMax reporting tool for .NET developers (<u>http://www.cppmax.com</u>). As a pre-requisite, you need to basics of reportmax. In this tutorial, I will show how to use the Chart control within ReportMax reports.

This is one of the most wanted features: Using Charts inside Reports.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report. Here are the steps to use the tool. You need to install ReportMax from <u>here</u>. You will need ReportMax version 2.3 or higher.

Steps to create and consume ReportMax:

19. Select Visual C# - Windows. Then Select Windows Forms Application. Enter the Project Name. Click OK.

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▷ DevExpress: \ ▷ DevExpress: \	Visual C# Visual Basic	DXperience v12.2 WPF Word® Inspired Application	Visual C# Visual C#	
LightSwitch Other Langue Other Project	ages t Types	Portable Class Library	Visual C#	
Samples		Windows Forms Application	Visual C#	
		Windows Forms Control Library	Visual C#	
Name:	MaxReport	3 Windows Service	Visual C#	×
Location:	E:\back\TestFo	older\	÷.	Browse
Solution name:	MaxReport			 Create directory for solution Add to source control
				OK Cancel

20. From the Project menu, Select Add New Item. Select ReportMax files from the left. Select Blank Report (Inch) from the right. Name the File to MainReport. Click Ok.

Add New Item - MaxRe	port				? ×
▲ Installed	Sor	t by: Default	· # E		Search Installed Templates (Ctrl+E)
▲ Visual C# Items Code		Blank Report (Cm)		ReportMax Files	Type: ReportMax Files A blank RepotMax file (Inch)
Data General Web Windows Form WPF DevExpress Reporting Workflow Graphics ReportMax Files ♪ Online	5	Blank Report (Inch)		ReportMax Files	
Name:	MainReport rpm				
					Add Cancel

Page Header (PageHeader1)
Detail (Detail1)
Page Footer (PageFooter1)

21. Add a Label in the middle of the Page Header section to set heading of report.
Page Header (PageHeader1)



- 22. In the report designer, expand the Page Header area.
- 23. Drag a Chart control from the Toolbox.
- 24. Name the chart control "MainChart".
- 25. Save the Project.

Viewing the Report:

Please note that the Chart control is basically a wrapper around Microsoft Chart control. So anything you can do with Microsoft Chart control, you can do with this control.

For a good reference for Microsoft Chart control, you can refer to this link.

Another important point to mention is that you can only program the chart control by code and not at design time.

- 11. Add the ReportMax control on the Form.
- 12. Set the **ReportFile** to the file path of "*MainReport.rpm*".
- 13. Click on the ReportMax control. Go to Events tab in the Properties window.
- 14. Double click Report_PageHeader event. This will create a new event handler and redirect you to the code page.
- 15. At the top of the file, type the code.
- 16. In the Report_PageHeader event handler, write the following code.

```
private void reportMaxViewer1 Report PageHeader Format(
           CppMax.ReportMax.ReportMaxPage FilePage, ref bool bCancel)
ReportMaxChart MainChart = (ReportMaxChart)FilePage.FindControl("MainChart");
Chart chart1 = MainChart.GetChart();
ChartArea chartArea1 = new System.Windows.Forms.DataVisualization.Charting.ChartArea();
Legend legend1 = new System.Windows.Forms.DataVisualization.Charting.Legend();
Series series1 = new System.Windows.Forms.DataVisualization.Charting.Series();
Series series2 = new System.Windows.Forms.DataVisualization.Charting.Series();
Title title1 = new System.Windows.Forms.DataVisualization.Charting.Title();
chart1.BackColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(243)), ((System.Byte)(223)), ((System.Byte)(193)));
chart1.BackGradientStyle =
     System.Windows.Forms.DataVisualization.Charting.GradientStyle.TopBottom;
chart1.BorderlineColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(181)), ((System.Byte)(64)), ((System.Byte)(1)));
chart1.BorderlineDashStyle =
     System.Windows.Forms.DataVisualization.Charting.ChartDashStyle.Solid;
chart1.BorderlineWidth = 2;
chart1.BorderSkin.SkinStyle =
     System.Windows.Forms.DataVisualization.Charting.BorderSkinStyle.Emboss;
```

```
chartArea1.Area3DStyle.IsClustered = true;
chartArea1.Area3DStyle.Perspective = 10;
chartArea1.Area3DStyle.IsRightAngleAxes = false;
chartArea1.Area3DStyle.WallWidth = 0;
chartArea1.Area3DStyle.Inclination = 15;
chartArea1.Area3DStyle.Rotation = 10;
chartArea1.AxisX.LabelStyle.Font =
  new System.Drawing.Font("Trebuchet MS", 8.25F, System.Drawing.FontStyle.Bold);
chartArea1.AxisX.LineColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)));
chartArea1.AxisX.MajorGrid.LineColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)));
chartArea1.AxisY.LabelStyle.Font =
 new System.Drawing.Font("Trebuchet MS", 8.25F, System.Drawing.FontStyle.Bold);
chartArea1.AxisY.LineColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)));
chartArea1.AxisY.MajorGrid.LineColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)));
chartArea1.AxisY.MajorTickMark.Size = 0.6F;
chartArea1.BackColor = System.Drawing.Color.OldLace;
chartArea1.BackSecondaryColor = System.Drawing.Color.White;
chartArea1.BorderColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)));
chartArea1.Name = "Default"
chartArea1.Position.Auto = false;
chartArea1.Position.Height = 78F;
chartArea1.Position.Width = 88F;
chartArea1.Position.X = 5F;
chartArea1.Position.Y = 15F;
chartArea1.ShadowColor = System.Drawing.Color.Transparent;
chart1.ChartAreas.Add(chartArea1);
legend1.Alignment = System.Drawing.StringAlignment.Far;
legend1.IsTextAutoFit = false;
legend1.BackColor = System.Drawing.Color.Transparent;
legend1.Font = new System.Drawing.Font("Trebuchet MS", 8.25F,
System.Drawing.FontStyle.Bold);
legend1.Name = "Default";
legend1.Position.Auto = false;
legend1.Position.Height = 14.23021F;
legend1.Position.Width = 19.34047F;
legend1.Position.X = 74.73474F;
legend1.Position.Y = 74.08253F;
chart1.Legends.Add(legend1);
chart1.Location = new System.Drawing.Point(16, 56);
chart1.Name = "chart1";
chart1.Palette =
System.Windows.Forms.DataVisualization.Charting.ChartColorPalette.BrightPastel;
series1.BorderColor = System.Drawing.Color.FromArgb((
  (System.Byte)(180)), ((System.Byte)(26)), ((System.Byte)(59)), ((System.Byte)(105)));
series1.ChartType = SeriesChartType.Radar;
series1.Color = System.Drawing.Color.FromArgb(
  ((System.Byte)(220)), ((System.Byte)(65)), ((System.Byte)(140)), ((System.Byte)(240)));
series1.MarkerBorderColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)));
series1.MarkerSize = 9;
series1.Name = "Series1";
series1.ShadowOffset = 1;
series2.BorderColor = System.Drawing.Color.FromArgb(
```

```
((System.Byte)(180)), ((System.Byte)(26)), ((System.Byte)(59)), ((System.Byte)(105)));
series2.ChartType = SeriesChartType.Radar;
series2.Color = System.Drawing.Color.FromArgb(((System.Byte)(220)),
       ((System.Byte)(252)), ((System.Byte)(180)), ((System.Byte)(65)));
series2.MarkerBorderColor = System.Drawing.Color.FromArgb(
       ((System.Byte)(64)), ((System.Byte)(64)), ((System.Byte)(64)));
series2.MarkerSize = 9;
series2.Name = "Series2";
series2.ShadowOffset = 1;
chart1.Series.Add(series1);
chart1.Series.Add(series2);
chart1.TabIndex = 1;
title1.ForeColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(26)), ((System.Byte)(59)), ((System.Byte)(105)));
title1.Font = new System.Drawing.Font("Trebuchet MS", 14.25F,
System.Drawing.FontStyle.Bold);
title1.ShadowColor = System.Drawing.Color.FromArgb(
  ((System.Byte)(32)), ((System.Byte)(0)), ((System.Byte)(0)), ((System.Byte)(0));
title1.ShadowOffset = 3;
title1.Text = "Radar Chart";
chart1.Titles.Add(title1);
// Populate series data
// this could come from a data source
double[] yValues = { 65.62, 75.54, 60.45, 34.73, 85.42, 55.9, 63.6, 55.1, 77.2 };
double[] yValues2 = { 76.45, 23.78, 86.45, 30.76, 23.79, 35.67, 89.56, 67.45, 38.98 };
string[] xValues = { "France", "Canada", "Germany",
    "USA", "Italy", "Spain", "Russia", "Sweden", "Japan" };
chart1.Series["Series1"].Points.DataBindXY(xValues, yValues);
chart1.Series["Series2"].Points.DataBindXY(xValues, yValues2);
// Set radar chart style
chart1.Series["Series1"]["RadarDrawingStyle"] = "Area";
chart1.Series["Series2"]["RadarDrawingStyle"] = "Area";
chart1.Series["Series1"].BorderColor = Color.FromArgb(100, 100, 100);
chart1.Series["Series1"].BorderWidth = 1;
chart1.Series["Series2"].BorderColor = Color.FromArgb(100, 100, 100);
chart1.Series["Series2"].BorderWidth = 1;
// Set circular area drawing style
chart1.Series["Series1"]["AreaDrawingStyle"] = "Polygon";
chart1.Series["Series2"]["AreaDrawingStyle"] = "Polygon";
// Set labels style
chart1.Series["Series1"]["CircularLabelsStyle"] = "Circular";
chart1.Series["Series2"]["CircularLabelsStyle"] = "Circular";
MainChart.UpdateChart(chart1);
}
```

17. Run the project.

Note that a chart type you can do with Microsoft Chart control can be doneby ReportMaxChart control.

First, you need to get the embedded Microsoft Chart control and modify it and at the end, call UpdateChart to paint.

Using ReportMax in ASP.Net Projects

Introduction:

<u>ReportMax</u> is a reporting tool for .NET Framework developers to be used Visual Studio.NET 2010, 2012 and up to 2015 (Including Visual Studio Express). It is easy to use and rich in features. In this tutorial, I would like to step through a basic tutorial to get you started with this tool. I am using this tool to create report and web application.

To use this opportunity I had done some work so that other users will get maximum from this Tool. You can view your reports in PDF format.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report. Here are the steps to use the tool. You need to install ReportMax from <u>here</u>. In this article I am using Grouping in Asp.net web application.

Steps to create and consume ReportMax:

26. Open new instance of VS and from FILE menu add new file.

FILE	Start Page - Microsoft Visual Stu EDIT VIEW DEBUG TE	idio (Adminis AM SQL	trator) TOC	LS	TEST .NE	T REFLECTOR	ANALYZE DEVEXP	
	New			13	Project		Ctrl+Shift+N	
	Open				Web Site		Shift+Alt+N	
	Close			1	Team Proje	ct		
63	Close Solution			治	File		Ctrl+N	
	Save Selected Items	Selected Items Ctrl+S Project			Project From	From Existing Code		
	Save Selected Items As			-	Welcome	Windows	8 Windows Azu	
$\mathbf{e}^{\mathbf{a}}$	Save All Ctrl+Shift+S		t+S					
	Export Template							
	Source Control		×		N	What's Nev	V	
₽	Page Setup			L .	-	What's new in .	NET Framework	
	Print	Ctrl+P						
	Recent Files				51 - 124	Getting Sta	rted	
	Recent Projects and Solutions				Ó-	Getting started	with Visual Studio	
×	Exit	Alt+F4			1992	Getting started	with Blend	

27. Select ReportMax files from the left. Select Blank Report (Inch) from the right. Name the File to MainReport. Click Ok.

Add New Item - MaxReport		3
▲ Installed	Sort by: Default	Search Installed Templates (Ctrl+E)
▲ Visual C# Items Code	Blank Report (Cm)	ReportMax Files Type: ReportMax Files
Coue Data General Web Windows Forms WPF DevExpress Reporting Workflow Graphics ReportMax Files ▷ Online	Blank Report (Inch)	A blank RepotMax file (Inch) ReportMax Files
Name: MainRe	:por¢rpm	

Page Header (PageHeader1)
Detail (Detail1)
Page Footer (PageFooter1)

28. Add a Label in the middle of the Page Header section to set heading of report.



29. Set the Connection String property by selecting the report page and go to the property window. I am selecting SQL Server Native Client to use sql server.

Page1 Page Image: Page Image: Page Image: Page: Pag	Properties		
Image: Select the data you want to connect to: OLE DB Provider for OLE DB Provid	Page1 Page		
(Name) Pagel AlignToGrid False BottomMargin 0.333 ConnectionString 0.333 ConnectionString 0.25 FrameColor FrameColor FrameColor Provider Connection Advanced Al Select the data you want to connect to: OLE DB Provider(s) Microsoft OLE DB Provider for Indexing Service Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Simple Provider Microsoft OLE DB Microsoft Directory Services Oracle Provider for Microsoft Directory Services Oracle Provider for OLE DB SQL Server Native Client 11.0 Microsoft OLE DB Microsoft OLE DB Microsoft Directory Services Oracle Provider for Microsoft Directory Services Oracle Provider for Microsoft Directory Services Oracle Provider for OLE DB Microsoft	₩ 2 2 4		
AlignToGrid False BottomMargin 0.333 ConnectionString Provider=SQLNCLI DocumentName FrameBottomMargin 0.25 FrameColor Data Link Properties Provider Connection Advanced All Select the data you want to connect to: OLE DB Provider for Indexing Service Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for SaL Server Microsoft OLE DB Provider for SaL Server Microsoft OLE DB Simple Provider Microsoft OLE DB Microsoft Directory Services Oracle Provider for OLE DB SQL Server Native Client 11.0 Microsoft OLE DB Microsoft Directory Services Oracle Provider for Microsoft Directory Services OK Cancel Help	(Name)		Pagel
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OLE DB Provider(s) Microsoft OLE DB Provider for Indexing Service Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for Oracle Microsoft OLE DB Provider for Search Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Simple Provider MSData Shape OLE DB Provider for Microsoft Directory Services Oracle Provider for OLE DB SQL Server Native Client 10.0 SQL Server Native Client 11.0 Image: Construction of the server of the	F Select	the data you want to connect to:	
Microsoft OLE DB Provider for Indexing Service Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for Oracle Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Simple Provider MSDataShape OLE DB Provider for Microsoft Directory Services Oracle Provider for OLE DB SQL Server Native Client 10.0 SQL Server Native Client 11.0 <	OL	E DB Provider(s)	·
Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for Search Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Simple Provider MSDataShape OLE DB Provider for Microsoft Directory Services Oracle Provider for OLE DB SQL Server Native Client 10.0 SQL Server Native Client 11.0 * III * IIII * III * III * III * III	I Mic	crosoft OLE DB Provider for Indexing Service	
Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for Oracle Microsoft OLE DB Provider for Search Microsoft OLE DB Provider for SQL Server Microsoft OLE DB Simple Provider MSDataShape OLE DB Provider for Microsoft Directory Services Oracle Provider for OLE DB SQL Server Native Client 10.0 SQL Server Native Client 11.0 Mext >> OK Cancel Help	I Mic	crosoft OLE DB Provider for ODBC Drivers	
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Microsoft OLE DB Simple Provider MSData Shape OLE DB Provider for Microsoft Directory Services Oracle Provider for OLE DB SQL Server Native Client 10.0 SQL Server Native Client 11.0	I Mic	crosoft OLE DB Provider for SQL Server	
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SQL Server Native Client 11.0	9 Ora	acle Provider for OLE DB	
Next >>	SG	L Server Native Client 11.0	
Next >> OK Cancel Help	2		-
Next >> OK Cancel Help	4	III	> ntry.Co
OK Cancel Help	1	Next	>>>
Cancel Help	1		
	L	OK Cancel	Help

30. In the SQL Property. Click the ... button. Enter the following SQL Statement and hit OK. SELECT Country.Code, Country.CountryName, City.CityName, City.Population FROM Country INNER JOIN City ON Country.Code = City.Country ORDER BY Country.CountryName;



- 31. Right click on a blank area in the report and select Add Section Group Header/Footer. Click on the Group Header blue bar to view its properties. Enter Code in the DataField Property.
- 32. Right click on a blank area in the report and select Add Section Group Header/Footer. Click on the Group Header blue bar to view its properties. Enter Code in the DataField Property.

Group Header (Group	Header1)	
A REAL PROPERTY OF A REAL PROPER		
····· Country		
Country:		
	Ch. Ch. Densletter	
	City Population	
* * * * * * * * * * * * * * * * * * * *		

33. Select the Detail section bar. Select AutoExpand to True and AutoShrink property to True. Add two textboxes in the Detail section. Name the first txtCityName and the section txtPopulation. In the DataField property of txtCityName, enter "CityName". In the DataField property of txtPopulation, enter "Population".

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34. In the Group Footer section. Add a textbox named txtPopulationTotal. Set the DataField property to "Population". Set the FunctionType property to Sum. Set the FormatType to

1-Number and the Format to 3 - 123,356,789. Add a label near txtPopulationTotal with text "Population Total".



35. In the Page Footer Section. Add a Field control named "txtPageNo". Set the FunctionType property to Page Number. You can add another Field control and set the FunctionType to Page Total. This way, you will have Page n of m at the bottom of every page.

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	2		2	2	2		0	2	2	10				2					0	2	2		1				I,

36. Report design side done.

Add Report in Web Form

1. Select Visual C# - Web. Then Select ASP.NET Empty Web Site. Enter the Project Name. Click OK.

Recent	.NET Framework 4.5 Sort by: Default	- # E	Search Installed Templates (Ctrl+E)
Installed	DevExpress v13.2 Template Gallery	Visual C#	Type: Visual C#
Templates Visual Basic Visual C#	ASP.NET Empty Web Site	Visual C#	An empty Web site
Samples	ASP.NET Web Forms Sit ASP.NET Empty Web Site	Visual C#	
Online	▲ ASP.NET Web Site (Razor v1)	Visual C#	
	ASP.NET Web Site (Razor v2)	Visual C#	
	ASP.NET Dynamic Data Entities Web Site	Visual C#	
	DXperience v12.2 ASP.NET Empty Web Site	Visual C#	
	DXperience v12.2 ASP.NET Tablet Web Site	Visual C#	
	DXperience v12.2 ASP.NET Web Site	Visual C#	
	WCF Service	Visual C#	
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/eb location: File System	 E:\back\TestFolder\WebSite10 	*	Browse

- 2. Add web form in this application say Default.aspx. View the Toolbox. Right click the General category and Select Choose Items... The Choose Items dialog will appear. In the .NET Framework Components tab, click on the Namespace column. Go to the top and locate ReportMaxViewer component and add it to the dialog.
- 3. You will find the ReportMaxViewer component in the Toolbox. Click and drag over the form and place it stretched on the form.



- 4. Click on the ReportMaxViewer control placed on the form and locate the OutputType property. You have three choices. You can view it on the control window, to the Printer or to a PDF File. Make sure it is rmOutputTypeWindow.
- 5. In the ReportFile property, browse to the location of *MainReport.rpm* you created.

Http://localhost:56262/Default.asp	ox - Windows Internet Exp	llorer	and approximate B	
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	Population Total:	4,500		
Country:	Australia			
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6. Now execute and this is the output.

Using ReportMax SubReports

Introduction:

<u>ReportMax</u> is a reporting tool for .NET Framework developers to be used Visual Studio.NET 2010, 2012 and up to 2015. It is easy to use and rich in features. In this tutorial, I would like to step through a basic tutorial to get you started in this tool. I am using Grouping and sub report in this tool.

To use this opportunity I had done some work so that other users will get maximum from this Tool. You can view your reports in PDF format.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report. Here are the steps to use the tool. You need to install ReportMax from <u>here</u>. In this article I am using Sub reports.

Steps to create and consume ReportMax Subreport:

1. Select Visual C# - Windows. Then Select Windows Forms Application. Enter the Project Name. Click OK.

New Project		and strained Mindows South Name	And Personnelle	? ×
▷ Recent		.NET Framework 4.5 * Sort by: Name Ascending	• # 🗉	Search Installed Templates (Ctrl+E)
▲ Installed		DXperience v12.2 Windows Forms Application	Visual C#	Type: Visual C#
▲ Templates ▲ Visual C# Windows		DXperience v12.2 Windows Forms Data Analysis Applica	ation Visual C#	A project for creating an application with a Windows Forms user interface
Web ⊅ Office		DXperience v12.2 Windows Forms Outlook® Inspired A	ppli Visual C#	1
Cloud Reporting	9	DXperience v12.2 Windows Forms Word® Inspired App	licatVisual C#	
SharePoir Silverlight	nt t	DXperience v12.2 WPF Application	Visual C#	
Test WCF		DXperience v12.2 WPF Outlook® Inspired Application	Visual C#	
Workflow ▷ DevExpress: \	v Visual C#	DXperience v12.2 WPF Word® Inspired Application	Visual C#	
DevExpress: V LightSwitch	/isual Basic	Empty Project	Visual C#	
▷ Other Langua▷ Other Project	ages t Types	Portable Class Library	Visual C#	
Samples		Windows Forms Application	Visual C#	
		Windows Forms Control Library	Visual C#	
		∃ ^C ^T Windows Service	Visual C#	*
Name:	MaxReport			
Location:	E:\back\TestFo	lder\	÷	Browse
Solution name:	MaxReport			 Create directory for solution Add to source control
				OK Cancel

2. From the Project menu, Select Add New Item. Select ReportMax files from the left. Select Blank Report (Inch) from the right. Name the File to MainReport. Click Ok.

Add New Item - MaxRe	eport		-		? ×
▲ Installed	So	rt by: Default	- II E		Search Installed Templates (Ctrl+E)
▲ Visual C# Items Code	[Blank Report (Cm)		ReportMax Files	Type: ReportMax Files A blank RepotMax file (Inch)
Data General Web Windows Forn WPF DevExpress Reporting Workflow Graphics ReportMax Files ♪ Online	ns	Blank Report (Inch)		ReportMax Files	A blank RepotMax file (Inch)
Name:	MainReportIrpm				Add Cancel

Page Header (PageHeader1)
Detail (Detail1)
Page Footer (PageFooter1)

3. Add a Label in the middle of the Page Header section to set heading of report. Page Header (PageHeader1)



4. Set the Connection String property by selecting the report page and go to the property window. I am selecting SQL Server Native Client to use sql server.

Properties	
Page1 Page	
(Name)	Page1
AlignToGrid	False
BottomMargin	0.333
ConnectionString	Provider=SQLNCL
DocumentName	
FrameBottomMargin	0.25
FrameColor	Black
Data Link Properties	
Provider Connection Advanced All	
Select the data you want to connect to:	
OLE DB Provider(s)	^
I Microsoft OLE DB Provider for Indexing Service Microsoft OLE DB Provider for ODBC Drivers Microsoft OLE DB Provider for OLAP Services 8.0	
I Microsoft OLE DB Provider for Oracle Microsoft OLE DB Provider for Search Microsoft OLE DB Provider for SQL Server	1
I Microsoft OLE DB Simple Provider L MSDataShape OLE DB Provider for Microsoft Directory Services	E
Oracle Provider for OLE DB	
SQL Server Native Client 10.0	
SQL Server Native Client 11.0	-
· · · · · · · · · · · · · · · · · · ·	+
Next	>>
OK Cancel	Help

 In the SQL Property. Click the ... button. Enter the following SQL Statement and hit OK. SELECT Country.Code, Country.CountryName FROM Country ORDER BY Country.CountryName;

ReportMax SQL Editor	×
SELECT Country Country FROM Country ORDER I	rCode, Country.CountryName
4	•
	Cancel OK

6. Add Label and set Text Country:. Add a Textbox in the Detail section. Blank that textbox. Name it: txtCountryName. Set the DataField property to "CountryName". Add subreport control in detail section. Set ReportIndex property for this control as 1. Set ReportFile property by selecting the path of the current report.

Detail (Detail1)	Properties	• ņ
Country:	SubReport1 ReportMaxSubRep	ort
Report	<u></u> = = =	
	(Name)	SubReport1
	AutoExpand	True
	AutoShrink	True
	Buddy	
	Height	0.278
	Left	1.347
	Parent	Page1
	ReportFile	E:\back\TestFolder\MaxReport\MaxReport\Mai
	ReportIndex	1
	ReportType	0 - External
	Тор	0.431
	Visible	True
	Width	4,486

7. Right click on the mainreport and select Add Page then after. This step will create a report after main report.

ReportMax using SubReport		Bring to front Send to back		
Detail (Detail1)	ير ``	Properties	Alt+Enter	
Country	E	Add Section	•	
Penort	<u></u>	Add Page		Before
(/////////////////////////////////////	<u>77</u>	Move Group Before		After
		Preview Report	Γ	
	н ж	Cut	Ctrl+X	
	ū	Сору	Ctrl+C	
	â	Paste	Ctrl+V	
	×	Delete	Del	
		Delete Section		

8. Remove header and footer section. Select the Detail section bar. Select AutoExpand to True and AutoShrink property to true. Add two textboxes in the Detail section. Name the first txtCityName and the section txtPopulation. In the DataField property of txtCityName, enter "CityName". In the DataField property of txtPopulation, enter "Population".

Page Header (PageHeader1)	
ReportMax using SubReport	

Detail (Detail1)	
Country:	
Report	
Page Footer (PageFooter1)	
. /	
Detail (Detail1)	

9. Select Subreport and goto property window. Set UseReportConnection property to true. Now select SQL property and add query.

SELECT City.CityName, City.Population FROM City where City.Country = parent.CountryCode;

10. In the Page Footer Section. Add a Field control named "txtPageNo". Set the FunctionType property to Page Number. You can add another Field control and set the FunctionType to Page Total. This way, you will have Page n of m at the bottom of every

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	2	2	:		1	:		2			2		2	2		2	2	:			2	11	10.00			~	-	-			Ч;		-1	1				-	-					I,

11. Report design side done.

Add Report in Window Form

1. Go to Form1 Design window. View the Toolbox. Right click the General category and Select Choose Items... The Choose Items dialog will appear. In the .NET Framework Components tab, click on the Namespace column. Go to the top and locateReportMaxViewer component and add it to the dialog.

2. You will find the ReportMaxViewer component in the Toolbox. Click and drag over the form and place it stretched on the form.



3. Click on the control placed on the form and locate the OutputType property. You have three choices. You can view it on the control window, to the Printer or to a PDF File. Make sure it is rmOutputTypeWindow.

4. In the ReportFile property, browse to the location of *MainReport.rpm* you created.

5. Now execute and this is the output.
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| | | | Deini | 2000 | | | |
| | | | Mumbai | 1000 | | | |
| | | | Bangalore | 2000 | | | |
| | | | | 500 | | | |
| | | | | | | | |

ReportMax Grouping Feature

Introduction:

<u>ReportMax</u> is a reporting tool for .NET Framework developers on Visual Studio.NET 2010 and up to 2015. It is easy to use and rich in features. In this tutorial, I would like to step through a basic tutorial to get you started in this tool. I am using Grouping in this tool.

It is free and great to use. To use this opportunity i had done some work so that other users will get maximum from this Tool. You can view your reports in PDF format.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report. Here are the steps to use the tool. You need to install ReportMax from <u>here</u>. In this article I am using Grouping.

Steps to create and consume ReportMax:

1. Select Visual C# - Windows. Then Select Windows Forms Application. Enter the Project Name. Click OK.

Recent		.NET Framework 4.5 * Sort by: Name Ascending	• # E	Search Installed Templates (Ctrl+E)
 Installed Templates Visual C# Windows 		DXperience v12.2 Windows Forms Application DXperience v12.2 Windows Forms Data Analysis App	Visual C#	 Type: Visual C# A project for creating an application with Windows Forms user interface
Web ⊅ Office		DXperience v12.2 Windows Forms Outlook® Inspire	d Appli Visual C#	1
Cloud Reporting	9	DXperience v12.2 Windows Forms Word® Inspired A	ApplicatVisual C#	1
SharePoin Silverligh	nt t	DXperience v12.2 WPF Application	Visual C#	
Test WCF		DXperience v12.2 WPF Outlook® Inspired Application	n Visual C#	
Workflow	v Visual C#	DXperience v12.2 WPF Word® Inspired Application	Visual C#	1
DevExpress: \ LightSwitch	Visual Basic	Empty Project	Visual C#	1
 Other Project Samples 	t Types	Portable Class Library	Visual C#	1
Online		Windows Forms Application	Visual C#	
		Windows Forms Control Library	Visual C#	
Name:	MaxReport	- Windows Service	Visual C#	
ocation:	E:\back\TestFo	lder\	*	Browse
Solution name:	MaxReport			Create directory for solution
				OK Cancel

2. From the Project menu, Select Add New Item. Select ReportMax files from the left. Select Blank Report (Inch) from the right. Name the File to MainReport. Click Ok.

Add New Item - MaxRepo	ort				? ×
▲ Installed	Sort by:	Default	• # E		Search Installed Templates (Ctrl+E)
▲ Visual C# Items Code	J.	Blank Report (Cm)		ReportMax Files	Type: ReportMax Files A blank RepotMax file (Inch)
Data General Web Windows Forms WPF DevExpress Reporting Workflow Graphics ReportMax Files ♪ Online		Blank Report (Inch)		ReportMax Files	A blank RepotMax file (Inch)
Name:	MainReportIrpm]	
					Add Cancel

Page Header (PageHeader1)
Detail (Detail1)
Page Footer (PageFooter1)

3. Add a Label in the middle of the Page Header section to set heading of report. Page Header (PageHeader1)



4. Set the Connection String property by selecting the report page and go to the property window. I am selecting SQL Server Native Client to use sql server.

roperties	
Page1 Page	
2 9↓	
(Name)	Page1
AlignToGrid	False
BottomMargin	0.333
ConnectionString	Provider=SQLNCL
DocumentName	
FrameBottomMargin	0.25
FrameColor	Black
Data Link Properties	
Provider Connection Advanced All	
F Select the data you want to connect to:	
F	
OLE DB Provider(s)	^
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I Microsoft OLE DB Provider for ODBC Drivers	
I Microsoft OLE DB Provider for OLAP Services 8.0 Microsoft OLE DB Provider for Oracle	
Microsoft OLE DB Provider for Search	
Microsoft OLE DB Provider for SQL Server	
1 Microsoft OLE DB Simple Provider	
MSDataShape	8
OLE DB Provider for Microsoft Directory Services	
Oracle Provider for OLE DB	
SQL Server Native Client 10.0	
F SQL Server Native Client 11.0	
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Nex	d >>
OK Cancel	Help

 In the SQL Property. Click the ... button. Enter the following SQL Statement and hit OK. SELECT Country.Code, Country.CountryName, City.CityName, City.Population FROM Country INNER JOIN City ON Country.Code = City.Country ORDER BY Country.CountryName;



- Right click on a blank area in the report and select Add Section Group Header/Footer. Click on the Group Header blue bar to view its properties. Enter Code in the DataField Property.
- Add Label and set Text Country:. Add a Textbox in the Group Header area. Blank that textbox. Name it: txtCountryName. Set the DataField property to "CountryName". Add two Labels and text them as City and Population.

Group	Header	(GroupHeader1)

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 Select the Detail section bar. Select AutoExpand to True and AutoShrink property to true. Add two textboxes in the Detail section. Name the first txtCityName and the section txtPopulation. In the DataField property of txtCityName, enter "CityName". In the DataField property of txtPopulation, enter "Population".



 In the Group Footer section. Add a textbox named txtPopulationTotal. Set the DataField property to "Population". Set the FunctionType property to Sum. Set the FormatType to 1-Number and the Format to 3 - 123,356,789. Add a label near txtPopulationTotal with text "Population Total"

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10. In the Page Footer Section. Add a Field control named "txtPageNo". Set the FunctionType property to Page Number. You can add another Field control and set the FunctionType to Page Total. This way, you will have Page n of m at the bottom of every page.

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11. Report design side done.

Add Report in Window Form

1. Go to Form1 Design window. View the Toolbox. Right click the General category and Select Choose Items... The Choose Items dialog will appear. In the .NET Framework Components tab, click on the Namespace column. Go to the top and locate ReportMaxViewer component and add it to the dialog.

2. You will find the ReportMaxViewer component in the Toolbox. Click and drag over the form and place it stretched on the form.



3. Click on the control placed on the form and locate the Output Type property. You have three choices. You can view it on the control window, to the Printer or to a PDF File. Make sure it is rmOutputTypeWindow.

- 4. In the ReportFile property, browse to the location of *MainReport.rpm* you created.
- 5. Now execute and this is the output.

Form1	ante Managar Franklike		x
	of1 Go		
	First ReportMax	Application	
Country:	America		
	City	Population	
	Texas	4000	
	Newvork	200	
	Restor	200	
	Boston	300	
	Population Lotal:	4,500	
Country:	Australia		
	City	Population	
	Sydney	400	
	Melbourne	4000	
	Population Total:	4,400	
Country:	India		
	Land and the second sec		
	City	Population	
	Delhi	2000	
	Shimla	1000	

Unicode Support in ReportMax

Introduction:

<u>ReportMax</u> is a reporting tool build for .NET Framework to create report in Visual Studio.NET 2010 and up to 2015 (Including Visual Studio Express).

It is easy to use and it's rich in features. In this article, I shall go through steps to follow in order to show Unicode characters in ReportMax reporting tool.

Version used in this article: 3.5

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report.

Here are the steps to use the tool. You need to install ReportMax from ReportMax.

Steps to create and consume ReportMax:

 Open Visual studio (For this demo I am using VS2013 but you can choose any version) Select Visual C# - Windows. Then Select Windows Forms Application. Enter the Project Name. Click OK.



2. Next step is to add Reportmax tools in toolbox list. Right click on General from toolbox and click on choose items. Then choose ReportMaxViwer dll from .Net Framework Components.

_	ilverlight Components	V	Vindows Phone Silverlight Comp	onents	WPF Components
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	Name 🔺	Name	espace		Assembly N
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	KeportMaxWebViewer	Сррім	lax.ReportMax		СррМах.Кер
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۲ <u>F</u> ilter	r; reportmax	III			►

3. After adding dll you can see new control ReportMaxViwer added to toolbox list. Now click on and drag it to windows form. After adding control to form, you will see form like this.



4. Now Right click on solution and click on add then new item, in order to add new report. Then choose Reportmax Files and enter the report name and click add.

Add New Item - ReportMaxUnicodeCharS	Support		? ×
▲ Installed	Sort by: Default	Search Ins	talled Templates (Ctrl+E) 🛛 🔎 🚽
Visual C# Items Graphics	Blank Report (Inch)	ReportMax Files Type: R A blank	eportMax Files RepotMax file (Inch)
Online			
	Click here to go online and fi	nd templates.	
<u>N</u> ame: UnicodeReportD	Jatarpm		
			Add Cancel

5. Now we need to set up SQL data. Run below script in SQL server to create a table and insert Unicode data.

```
SET ANSI NULLS ON
SET QUOTED_IDENTIFIER ON
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[UnicodeData] (
        [Id]
                             [int] IDENTITY(1, 1) NOT NULL,
                             [nvarchar](100) COLLATE SQL_Latin1_General_CP1_CI_AS NULL
        [NameOfEmployee]
) ON [PRIMARY]
GO
ALTER TABLE [dbo].[UnicodeData] SET (LOCK_ESCALATION = TABLE)
GO
INSERT INTO dbo.UnicodeData
(
    NameOfEmployee
)
VALUES
(
    N'Kalvøy, Jørn Andre' -- NameOfEmployee - nvarchar
),
(N'Kalvøy,Jørn Andre'),
```

```
(N'Bjørn Andre Storøy'),
(N'Nilsen,Ståle Sundsfjord'),
(N'Boris Borenović'),
(N'Åkergatan'),
(N'微波室外单元')
```

SELECT ud.Id, ud.NameOfEmployee FROM dbo.UnicodeData ud

6. Your data should look like below in SQL

```
SQLQuery1.sql - 6L...F12\NMahajan (58))* ×
   ■ SET ANSI NULLS ON
    SET QUOTED IDENTIFIER ON
    SET ANSI_PADDING ON
    GO
   □CREATE TABLE [dbo].[UnicodeData] (
             [Id]
                                  [int] IDENTITY(1, 1) NOT NULL,
             [NameOfEmployee]
                                  [nvarchar](100) COLLATE SQL_Latin1_General_CP1_CI_AS NULL
    ) ON [PRIMARY]
    GO
    ALTER TABLE [dbo].[UnicodeData] SET (LOCK ESCALATION = TABLE)
    60
   □ INSERT INTO dbo.UnicodeData
        NameOfEmployee
    VALUES
        N'Kalvøy, Jørn Andre' -- NameOfEmployee - nvarchar
     (N'Kalvøy,Jørn Andre'),
     (N'Bjørn Andre Storøy'),
     (N'Nilsen, Ståle Sundsfjord'),
     (N'Boris Borenović'),
    (N'Åkergatan'),
     (N'微波室外单元')
   SELECT ud.Id, ud.NameOfEmployee
    FROM dbo.UnicodeData ud
100 % 🔹 🔹
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     ld NameOfEmployee
1 1 Kalvøy,Jøm Andre
2 2 Kalvøy,Jøm Andre
3 3 Bjørn Andre Storøy
4 4 Nilsen, Ståle Sundsfjord
5 5 Boris Borenović
6 6 Åkergatan
    7
7
         微波室外单元
```

 Now in order to show this data in report, need to setup connection string for the report. Right click on report then go to properties. Click on connection string, there you can choose different data source available.

	👔 Data Li	nk Properties	×
	Provider	Connection Advanced All	
	Select t	he data you want to connect to:	
L	OLE	DB Provider(s)	•
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	Micr	osoft OLE DB Provider for Oracle	
	Micr	osoft OLE DB Provider for Search	
	Micr	osoft OLE DB Provider for SQL Server	
	Micr	osoft OLE DB Provider for Visual FoxPro	
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			-
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		OK Cancel	Help

8. After choosing data source, now you can design report with different controls available. Binding of controls is very simple. You can write SQL query in SQL property of Report

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Shane	:	CompanyName				FrameColor	Black
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Chart			SELECT ud.ld, ud.NameOfEmploy	ee FROM dbo.UnicodeData ud		GridSpacing	6
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						ImageInsideFrame	False
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						ImageTop	0
						ImageTranslucencyLevel	128
						LeftMargin	0.333
						MaxRows	-1
						Orientation	0 - Portrait
				*		PrintWidth	5.5
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				Cancel OK		ShowGrid	True
						SQL	SELECT ud.Id, ud.NameOfEmployee
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						TranslucentImage	False
						UseReportConnection	False

9. Then to bind controls right click on control e.g.: right click on Textbox2 then goes to property and in DataField mention name of data field. That's it. Isn't it simple.

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10. Now you need to mention path of this report in main form report viewer. And you are done. Right click on ReportMaxviewer control in form and goes to property then look for property name ReportFile and mention path of report. e.g.: For this demo

enter..\..\UnicodeReportData.rpm, because report is saved in root of solution.

		reportMaxViewer1 CppMax.	ReportMax.ReportMaxViewer
Form1		BE 🛛 🖓 🌮	
😓 😋 😌 🔍 🤤 1 of Go		(Name)	reportMaxViewer1
	▲ (International Sector 2017)	AccessibleDescription	
		AccessibleName	
		AccessibleRole	Default
		AllowDrop	False
		Anchor	Top, Left
	=	AutoExecute	True
		AutoScroll	False
		AutoScrollMargin	0, 0
		☑ AutoScrollMinSize	0, 0
		AutoSize	False
		AutoSizeMode	GrowOnly
		AutoValidate	Disable
		BackColor	Transparent
		BackgroundImage	(none)
		BackgroundImageLayout	Tile
		BorderStyle	None
		CausesValidation	True
		ContextMenuStrip	(none)
		Cursor	Default
		Dock	None
		Enabled	True
m	•	Font	Microsoft Sans Serif, 8.25pt
00	0	ForeColor	ControlText
		GenerateMember	True
		ImeMode	NoControl
			-4, -1
		Locked	False
		⊞ Margin	3, 3, 3, 3
			0, 0
		MinimumSize	0, 0
		Modifiers	Private
		OutputType	rmOutputTypeWindow
		Padding	0, 0, 0, 0
		ReportFile	\\UnicodeReportData.rp
		ReportIndex	0
		RightToLeft	No
		⊞ Size	746, 449
		TabIndex	0
		TabStop	True

11. Now save everything and right click on report and choose report preview. You can preview report within solution without debugging the solution. You can save the report in Pdf by clicking on save icon.

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	List Of E	Employees	
	Employeeld	EmployeeName	
	1	Kalvøy,Jørn Andre	1
	2	Kalvøy,Jørn Andre	
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	5	Boris Borenović	
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Note : Some of unicode character may not show in exported pdf file because that font might be missing in your system. So try to change font name of control in report, if any unicode character is not showing in exported pdf.

Using Report Events in ReportMax

Introduction:

<u>ReportMax</u> is a reporting tool build for .NET Framework to create report in Visual Studio.NET 2010 and up to 2015 (Including Visual Studio Express).

It is easy to use and it's rich in features. In this article, I shall go through steps to follow in order to use different events available in ReportMax reporting tool.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. You can instantly preview your report from the designer by right clicking on a blank area and select Preview Report.

Here are the steps to use the tool. You need to install ReportMax from ReportMax.

Steps to create and consume ReportMax:

 Open Visual studio (For this demo I am using VS2010 but you can choose any version) Select Visual C# - Web. Then Select Asp.Net Web Application. Enter the Project Name. Click OK.

File Edit View Debug T	eam Data Tools Te	est .NET Reflector Analyze	DevExpress Window Help Module	22 _	_
Start Page ×	Studio 2010 F	Premium			2 3
7	Recent Templates	NET Fran	nework 4 T Sort by Default	•) == (==)	Search Installed Templates
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S NewSourceCo	DevExpress XAF	-	ASP.NET MVC 2 Empty Web Application	Visual C#	=
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	 Visual F# DevExpress: Visual 	C#	ASP.NET AJAX Server Control Extender	Visual C#	
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	 Test Projects 		DXperience v12.2 ASP.NET Web Application	Visual C#	
	Online Templates		DXperience v12.2 ASP.NET Empty Web Application	Visual C#	*
	Name:	ReportMaxWebProject			
	Location:	c:\users\zbij_s\docum	ents\visual studio 2010\Projects		Browse
	Solution name:	ReportMaxWebProject			Create directory for solution
					OK Cancel

2. Next step is to add Reportmax tools in toolbox list. Right click on General from toolbox and click on choose items. Then choose ReportMaxWebViwer dll from .Net Framework Components.



3. After adding dll you can see new control ReportMaxWebViwer added to toolbox list. Now click on and drag it to web form. After adding control to form, you will see form like this.



4. Now go to file menu and click on add then New File, in order to add new report. Then choose Reportmax Files and click open.



∞ ReportMaxWebProject - Microso	oft Visual Studio (Administra	itor)				
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🚬 Server Explorer 😵 Toolbox	•					4

5. Now we need to set up SQL data. Run below script in SQL server to create a table and insert Unicode data.

```
SET ANSI NULLS ON
SET QUOTED_IDENTIFIER ON
SET ANSI_PADDING ON
GO
CREATE TABLE [Geo] (
    [GeoID] INTEGER NOT NULL IDENTITY(1, 1),
    [StreetAddress] VARCHAR(255) NULL,
    [City] VARCHAR(255) NULL,
    [ZipCode] VARCHAR(10) NULL,
    [Region] VARCHAR(50) NULL,
    [Country] VARCHAR(100) NULL,
    PRIMARY KEY ([GeoID])
);
GO
INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country])
VALUES
```

```
('P.0. Box 538, 2373 Pede Rd.','West Valley City','5183HJ','Utah','Isle of Man'),
('P.0. Box 591, 4011 Nec Av.','Toronto','60293','ON','San Marino'),
('P.0. Box 621, 1380 Erat Avenue','Cartagena','22627','Murcia','Zambia'),
('788-1264 Orci, Ave','Cartago','76282','Cartago','Saudi Arabia'),
('4512 Arcu Avenue','Valéncia','43644','CV','Ireland'),
('Ap #214-3081 Dictum Ave','Leamington','1046BA','Ontario','Solomon Islands'),
('835-6355 Blandit St.','Dublin','9964','Leinster','Isle of Man'),
('3088 Ac St.','Berlin','82492','Berlin','United States'),
('Ap #667-8820 In Ave','Radom','64855','MA','Colombia'),
('P.0. Box 160, 4945 Sit Ave','Vienna','60203','Vienna','Congo, the Democratic Republic
of the');
```

6. Your data should look like below in SQL

```
SQLQuery1.sql - 6L...F12\NMahajan (57))* 🗙
     CREATE TABLE [Geo]
                                                                                                                                                                                                                            ŧ
              [GeoID] INTEGER NOT NULL IDENTITY(1, 1),
              [StreetAddress] VARCHAR(255) NULL,
              [City] VARCHAR(255) NULL,
             [ZipCode] VARCHAR(10) NULL,
              [Region] VARCHAR(50) NULL,
              [Country] VARCHAR(100) NULL,
             PRIMARY KEY ([GeoID])
    □ INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('P.O. Box 538, 2373 Pede Rd.', 'West Valley City', '5183HJ', 'U
INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('4545 Tellus Av.', 'Morinville', '123926', 'AB', 'Western Sahara
INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('Ap #605-8926 Ultrices St.', 'Belford Roxo', '2223LB', 'RJ', 'Gu
INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('Ap #359-2654 Nonummy Av.', 'Vienna', '11876', 'Wie', 'Burundi')
INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('3568 Curabitur Rd.', 'St. John''s', '42174', 'NL', 'Bermuda'),(
      INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('245-6310 Lobortis Street', 'Ghislarengo', '28956', 'PIE', 'Norw
INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('444-613 Orci. Road', 'Harrisburg', '84022', 'Pennsylvania', 'Tu
      INSERT INTO Geo [[StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('A740 Ante, St.', 'Caccamo', 'A6K 554', 'Sicilia', 'Kazakhstan')
      INSERT INTO Geo([StreetAddress],[City],[ZipCode],[Region],[Country]) VALUES('5236 Semper Street', 'Patarrá', '79419', 'San José', 'Virgin Is
       GO
      SELECT * FROM dbo.Geo g
100 % 👻 🚽
                             .....
📰 Results 📑 Messages
       GeoID StreetAddress
                                                        City
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                                                                                                            Zambia
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                  4512 Arcu Avenue
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                                                                             43644
                                                                                                            Ireland
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 11 11
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                                                        Morinville
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                                                                             C8K 3L2
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                                                                                           Lorraine
 14 14
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                                                        Manukau
                                                                             50190-855 North Island
                                                                                                            Brunei
 15
       15
                  648-6090 Erat Road
                                                        Hamburg
                                                                             XK5D 9OX Hamburg
                                                                                                            Bangladesh
```

 Now in order to show this data in report, need to setup connection string for the report. Right click on report then go to properties. Click on connection string, there you can choose different data source available.

1	Data Li	nk Properties	×
	Provider	Connection Advanced All	
	Select t	he data you want to connect to:	
	OLE	DB Provider(s)	•
	Micr	osoft OLE DB Provider for ODBC Drivers	
	Micr	osoft OLE DB Provider for OLAP Services 8.0	
	Micr	osoft OLE DB Provider for Oracle	
	Micr	osoft OLE DB Provider for SQL Server	
	Micr	osoft OLE DB Provider for Visual FoxPro	
	Micr	osoft OLE DB Simple Provider	
	MSL	Jata Shape DB Provider for Microsoft Directory Services	=
	SQL	Server Native Client 10.0	-
	SQL	. Server Native Client 11.0	
	SQL	Server Replication OLE DB Provider for DTS	
	•	m	•
		Next >:	
		OK Cancel H	lelp

8. After choosing data source, now you can design report with different controls available. Binding of controls is very simple. For this demo I am using shape control to use in events, add some labels and textbox (Field) control. Here is my report after adding controls.



9. You can write SQL query in SQL property of Report

∞ TryEvents - Microsoft Visual Studi	io (A	(ministrator)		
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4 General		SELECT * FROM abo.Geo g	FrameWidth	1
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1			oseneporteonneetion	1.0055

10. Then to bind controls right click on control e.g.: right click on Textbox6 then goes to property and in DataField mention name of data field. That's it. Isn't it simple?

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4 Gene	ral			CustomFormat	
- ocne				🎐 DataField	StreetAddress
т				Font	Arial, 8.25pt

11. Now you need to mention path of this report in main form report viewer. And you are done. Right click on ReportMaxWebviewer control in form and goes to property then look for property name ReportFile and mention path of report. e.g.: For this demo enter ~/MainReport.rpm, because report is saved in root of solution.

MainReport.rpm Default.aspx.cs Default.aspx ×	•	Properties	<u>≁</u> † ×
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	^	∄ 2↓ 🗉 🖋 🖻	
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		(ID)	ReportMaxWebViewer1
		AccessKey	
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(MainContent (Custom)		BackColor	Transparent
WELCOME TO ASP NETL	>	BorderColor	
WELCOME TO ASI .NET:		BorderStyle	NotSet
		BorderWidth	
cc1:ReportMaxWebV#ReportMaxWebV		ClientIDMode	Inherit
ReportMax Web Viewer		CssClass	
°		Enabled	True
You can also find documentation on ASP.NET at MSDN.		EnableTheming	True
		EnableViewState	True
		Font	
		ForeColor	
		Height	
		OutputType	rmOutputTypePDF
		ReportFile	~/MainReport.rpm
		D 41	•

12. Now save everything and right click on report and choose report preview. You can preview report within solution without debugging the solution. You can save the report in Pdf by clicking on save icon.

1		PX			•	Properties	
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ige Header (Pag	jeHeader1)	_					
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	P.O. Box 536, 2373 Ped P.O. Box 591, 4011 Nec P.O. Box 621, 1380 Erat 788-1264 Orci, Ave 4512 Arcu Avenue Ap #214-3081 Dictum A 835-6355 Blandit St. 3088 Ac St.	West Valley City Toronto Cartagena Cartago Valéncia Leamington Dublin Berlin	60293 22627 76282 43644 1046BA 9964 82492	Utah ON Murcia Cartago CV Ontario Leinster Berlin	Isle of Man San Marino Zambia Saudi Arabia Ireland Solomon Islands Isle of Man United States		-
	P.O. Box 536, 2373 Ped P.O. Box 591, 4011 Nec P.O. Box 621, 1380 Erat 788-1264 Orci, Ave 4512 Arcu Avenue Ap #214-3081 Dictum A 835-6355 Blandit St. 3088 Ac St. Ap #667-8820 In Ave	West Valley City Toronto Cartagena Cartago Valéncia Leamington Dublin Berlin Radom	60293 22627 76282 43644 1046BA 9964 82492 64855	Utah ON Murcia Cartago CV Ontario Leinster Berlin MA	Isle of Man San Marino Zambia Saudi Arabia Ireland Solomon Islands Isle of Man United States Colombia		
	P.O. Box 536, 2373 Ped P.O. Box 591, 4011 Nec P.O. Box 621, 1380 Erat 788-1264 Orci, Ave 4512 Arcu Avenue Ap #214-3081 Dictum A 835-6365 Blandit St. 3088 Ac St. Ap #667-8820 In Ave P.O. Box 160, 4945 Sit	West Valley City Toronto Cartagena Cartago Valéncia Leamington Dublin Berlin Radom Vienna	5183HJ 60293 22627 76282 43644 1046BA 9964 82492 64855 60203	Utah ON Murcia Cartago CV Ontario Leinster Berlin MA Vienna	Isle of Man San Marino Zambia Saudi Arabia Ireland Solomon Islands Isle of Man United States Colombia Congo, the Democratic		
	P.O. Box 536, 2373 Ped P.O. Box 591, 4011 Nec P.O. Box 621, 1380 Erat 788-1264 Orci, Ave 4512 Arcu Avenue Ap #214-3081 Dictum A 835-6355 Blandit St. 3088 Ac St. Ap #667-8820 In Ave P.O. Box 160, 4945 Sit 4545 Tellus Av.	West Valley City Toronto Cartagena Cartago Valéncia Leamington Dublin Berlin Radom Vienna Morinville	5183HJ 60293 22627 76282 43644 1046BA 9964 82492 64855 60203 123926	Utah ON Murcia Cartago CV Ontario Leinster Berlin MA Vienna AB	Isle of Man San Marino Zambia Saudi Arabia Ireland Solomon Islands Isle of Man United States Colombia Congo, the Democratic Western Sahara		

13. Now to use report events go to web form and right click on reportmaxwebviwer and go to events and there you can see different types of events available.For this demo I am using Report_Detail_Format event. Double click on this event.

MainReport.rpm Default.aspx.cs Default.aspx ×	•	Properties 🔹 🖣 🗙
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		DataBinding
		Disposed
		Init
Home About		Load
(MainContant (Custom))		PreRender
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WELCOME TO AST. NET:		Report_End
To have seen about ACONUT with some and		Report_GroupHeader_For
cc1:ReportMaxWebV#ReportMaxWebV		Report_NewPage_Format
ReportMax Web Viewer		Report_PageFooter_Form
0		Report_PageHeader_Forn
You can also find documentation on ASP.NET at MSDN.		Report_ReportFooter_For
		Report_ReportHeader_Fo
		Report_SetDataSource
		Report_Start
		SubReport_Detail_Format
		SubReport_End
		SubReport_GroupFooter_
		SubReport_GroupHeader
		SubReport_Load
		SubReport_ReportFooter_
		SubReport_ReportHeader
		SubReport_SetDataSource
		SubReport_Start
		Unload

14. In code behind just add below code :

```
protected void ReportMaxWebViewer1_Report_Detail_Format(ReportMaxSection Detail,
DataRow row, ref bool bCancel)
        {
            ReportMaxShape shape;
            int index = 0;
            for(index = 0; index < Detail.m_aFields.Count; index++)</pre>
            {
                if(Detail.m_aFields[index].Name == "Shape1")
                {
                    break;
                }
            }
            shape = Detail.m_aFields[index] as ReportMaxShape;
            if (alt)
            {
                alt = false;
                shape.BackColor = System.Drawing.Color.FromArgb(255, 255, 255); //
white row
            }
            else
            {
                alt = true;
                shape.BackColor = System.Drawing.Color.FromArgb(192, 192, 192); //
gray color
            }
        }
```

```
public partial class _Default : System.Web.UI.Page
{
    bool alt = true;
    protected void Page_Load(object sender, EventArgs e)
    }
    // add this Report_Detail_Format event for this control (ReportMaxWebViewer1)
    protected void ReportMaxWebViewer1_Report_Detail_Format(ReportMaxSection Detail, DataRow row, ref bool bCancel)
    {
        ReportMaxShape shape;
        int index = 0;
        for(index = 0; index < Detail.m_aFields.Count; index++)</pre>
        {
            if(Detail.m_aFields[index].Name == "Shape1")
            {
                break;
            }
        }
        shape = Detail.m_aFields[index] as ReportMaxShape;
        if (alt)
        {
            alt = false;
            shape.BackColor = System.Drawing.Color.FromArgb(255, 255, 255); // white row
        }
        else
        {
            alt = true;
            shape.BackColor = System.Drawing.Color.FromArgb(192, 192, 192); // gray color
       }
    }
}
```

15. That's it. Now it will add different color to alternate row. Now Run this page and you should see output like below

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			Ge	o Repo	ort			
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		P.O. Box 591, 4011 Nec	Toronto	60293	ON	San Marino		
		P.O. Box 621, 1380 Erat	Cartagena	22627	Murcia	Zambia		
		788-1264 Orci, Ave	Cartago	76282	Cartago	Saudi Arabia		
		4512 Arcu Avenue	Valéncia	43644	CV	Ireland		
		Ap #214-3081 Dictum	Leamington	1046BA	Ontario	Solomon Islands		
		835-6355 Blandit St.	Dublin	9964	Leinster	Isle of Man		
		3088 Ac St.	Berlin	82492	Berlin	United States		
		Ap #667-8820 In Ave	Radom	64855	MA	Colombia		
		P.O. Box 160, 4945 Sit	Vienna	60203	Vienna	Congo, the Democratic		
		4545 Tellus Av.	Morinville	123926	AB	Western Sahara		
		P.O. Box 214, 9124	Galway	01327	с	Poland		
		P.O. Box 462, 7667	Thionville	C8K 3L2	Lorraine	Côte D'Ivoire (Ivory		
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		648-6090 Erat Road	Hamburg	XK5D 9OX	Hamburg	Bangladesh		
		2403 Ipsum. Av.	Mackay	308941	QLD	Jersey		
		Ap #881-2588 Non, St.	Berlin	71800	Berlin	Spain		
		Ap #475-9245 Ligula. St.	Qu?bec City	63014-042	QC	Isle of Man		
		Ap #193-9634 Nostra,	Bremen	907273	НВ	Benin		
		160-5887 Laoreet Rd.	Geelong	9893	VIC	Pakistan		

Create ReportMax Report outside Visual Studio Using ReportMax

Introduction:

<u>ReportMax</u> is a reporting tool build for .NET Framework to create report in Visual Studio.NET 2010 and up to 2015 (Including Visual Studio Express).

It is easy to use and it's rich in features. In this article, I shall go through steps to follow in order to show how to create a reportmax report outside visual studio and then use it inside windows form application.

Using the code:

In this tutorial, I will show how we can use ReportMax without a single line of code. Below are the steps to use the tool. You need to install ReportMax from <u>ReportMax</u>.

Steps to create and consume ReportMax:

 When you install ReportMax, it comes with ReportMaxDesigner tool. With the help of this tool you can create/design a report outside visual studio. Go to ReportMax install folder. Default installation will install in C:\Program Files (x86)\CppMax\ReportMax Path. But you can change installation path while installing. Double click on ReportMaxDesigner.exe and you shall see report designing interface.



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Ready			CAP NUM SCRL

2. Now you can design report using different control like fields, labels, line etc and save the report.

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	Companyllame	FrameRightMargin	0.250000
		FrameStyle	0 - None
		FrameTopMargin	0.250000
		FrameWidth	1
		GridSpacing	6
		Image	
		ImageInsideFrame	False
		ImageLeft	0.000000
		ImageStyle	0 - Centered
		ImageTop	0.000000
		ImageTranslucencyLevel	128
		LeftMargin	0.333000
		MaxRows	-1 Deced
		Name	Pagel 0. Destroit
		Drint/Midth	6 264000
		RightMargin	0.333000
		SOL	0.555000
		ShowGrid	True
		TopMargin	0.333000
		Translucentimage	False
		UseReportConnection	False

3. Now we need to set up SQL data. Run below script in SQL server to create a table and insert data.

```
create table Users (
       id INT,
       first name VARCHAR(50),
       last name VARCHAR(50),
       email VARCHAR(50),
       country VARCHAR(50)
);
insert into Users (id, first_name, last_name, email, country) values (1, 'Kevin',
'Taylor', 'ktaylor0@illinois.edu', 'Thailand');
insert into Users (id, first name, last name, email, country) values (2, 'Janice',
'Hawkins', 'jhawkins1@guardian.co.uk', 'Indonesia');
insert into Users (id, first_name, last_name, email, country) values (3, 'Lois',
'Walker', 'lwalker2@desdev.cn', 'China');
insert into Users (id, first name, last name, email, country) values (4, 'Deborah',
'Gardner', 'dgardner3@bigcartel.com', 'Indonesia');
insert into Users (id, first_name, last_name, email, country) values (5, 'Christina',
'Lopez', 'clopez4@ebay.co.uk', 'Thailand');
insert into Users (id, first_name, last_name, email, country) values (6, 'Joseph',
'Ford', 'jford5@miitbeian.gov.cn', 'Germany');
insert into Users (id, first name, last name, email, country) values (7, 'Anne',
'Fuller', 'afuller6@networkadvertising.org', 'Sweden');
insert into Users (id, first_name, last_name, email, country) values (8, 'Jerry',
'Holmes', 'jholmes7@spotify.com', 'Bulgaria');
insert into Users (id, first_name, last_name, email, country) values (9, 'Paul',
'Palmer', 'ppalmer8@un.org', 'Indonesia');
insert into Users (id, first_name, last_name, email, country) values (10, 'Julia',
'Fields', 'jfields9@unc.edu', 'Albania');
```

SELECT * FROM dbo.Users u

4. Your data should look like below in SQL

```
SqlScript.sql - 6L9...2F12\NMahajan (58))* ×
       ⊡create table Users (
                   id INT,
                    first name VARCHAR(50),
                   last_name VARCHAR(50),
                    email VARCHAR(50)
                    country VARCHAR(50)
          insert into Users (id, first_name, last_name, email, country) values (1, 'Kevin', 'Taylor', 'ktaylor@@illinois.edu', 'Thailand');
insert into Users (id, first_name, last_name, email, country) values (2, 'Janice', 'Hawkins', 'jhawkins1@guardian.co.uk', 'Indones
insert into Users (id, first_name, last_name, email, country) values (3, 'Lois', 'Walker', 'lwalker2@desdev.cn', 'China');
                                                                                                                                                                                                                                                                                                    'Indonesia');
         insert into Users (id, first_name, last_name, email, country) values (3, 'Lois', 'Walker', 'Lwalker2@desdev.cn', 'China');
insert into Users (id, first_name, last_name, email, country) values (4, 'Deborah', 'Gardner', 'dgardner3@bigcartel.com', 'Indonesia');
insert into Users (id, first_name, last_name, email, country) values (5, 'Christina', 'Lopez', 'clopez4@ebay.co.uk', 'Thailand');
insert into Users (id, first_name, last_name, email, country) values (6, 'Joseph', 'Ford', 'jford5@mittbeian.gov.cn', 'Germany');
insert into Users (id, first_name, last_name, email, country) values (7, 'Anne', 'Fuller', 'afuller6@networkadvertising.org', 'Sweden');
insert into Users (id, first_name, last_name, email, country) values (8, 'Jerry', 'Holmes', 'jholmes7@spotify.com', 'Bulgaria');
insert into Users (id, first_name, last_name, email, country) values (9, 'Paul', 'Palmer', 'ppalmer8@un.org', 'Indonesia');
insert into Users (id, first_name, last_name, email, country) values (10, 'Julia', 'Fields', 'jfields9@unc.edu', 'Albania');
          SELECT * FROM dbo.Users u
100 % 👻 🖣
 📰 Results 📑 Messages
           id
                    first_name last_name email
                                                                                                                       country
  1 1 Kevin
                                           Taylor
                                                                ktaylor0@illinois.edu
                                                                                                                        Thailand
                                           Hawkins
                                                                jhawkins1@guardian.co.uk
 2 2
                     Janice
                                                                                                                        Indonesia
 3 3
                     Lois
                                           Walker
                                                                lwalker2@desdev.cn
                                                                                                                        China
 4 4
                     Deborah
                                           Gardner
                                                              dgardner3@bigcartel.com
                                                                                                                        Indonesia
 5 5
                     Christina
                                          Lopez
                                                                clopez4@ebay.co.uk
                                                                                                                        Thailand
 6 6
                      Joseph
                                           Ford
                                                                jford5@miitbeian.gov.cn
                                                                                                                        Germany
 7 7
                                           Fuller
                                                               afuller6@networkadvertising.org Sweden
                     Anne
                                           Holmes
                                                              jholmes7@spotify.com
 8 8
                     Jeny
                                                                                                                        Bulgaria
 9
           9
                      Paul
                                           Palmer
                                                               ppalmer8@un.org
                                                                                                                        Indonesia
 10 10
                                           Fields
                                                               jfields9@unc.edu
                     Julia
                                                                                                                        Albania
```

5. Now in order to show this data in report, need to setup connection string for the report. Right click on report then go to properties. Click on connection string, there you can choose different data source available.

😭 Data Li	nk Properties	×
Provider	Connection Advanced All	
Select t	he data you want to connect to:	
OLE	DB Provider(s)	•
Mic	osoft OLE DB Provider for ODBC Drivers	
Mic	osoft OLE DB Provider for OLAP Services 8.0	
Mic	osoft OLE DB Provider for Search	
Mic	osoft OLE DB Provider for SQL Server	
Mic	rosoft OLE DB Provider for Visual FoxPro	
Mici	rosoft OLE DB Simple Provider	
	JataShape DB Provider for Microsoft Directory Services	=
SQL	Server Native Client 10.0	_
SQI	. Server Native Client 11.0	
SQI	Server Replication OLE DB Provider for DTS	-
•	4	
	Next >>	
	OK Cancel H	elp

6. After choosing data source, now you can design report with different controls available. Binding of controls is very simple. You can write SQL query in SQL property of Report

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File Edit View Window Help						
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Toolbox 👻 🕈 🗙	ReportMaxReportGen.rpm x			-	Properties	▼ ậ
Pointer		7 0		15 A	Application	
Field	Page Header (PageHeader1)				9: 01 🖬 🖌	
Label					AlignToGrid	False
Chart	List of Employees				BottomMargin	0.333000
Line	FirstName LastName Email Country				ConnectionString	Provider=SQLNCLI11.1;
	= Detail (Detail1)				DocumentName	
Barcode	Textbox2 Textbox2 Textbox2 Textbox2				FrameBottomMargin	0.250000
	= Page Footer (PageFooter1)				FrameColor	000000
					FrameLeftMargin	0.250000
	CompanyName				FrameRightMargin	0.250000
		-			FrameStyle	0 - None
					FrameTopMargin	0.250000
					FrameWidth	1
	Rep	oortMax SQL Editor			GridSpacing	6
					Image	
		SELECT * FROM dbo.Users u	A		ImageInsideFrame	False
				E	ImageLeft	0.000000
					ImageStyle	0 - Centered
					ImageTop	0.000000
					Image I ranslucencyLevel	128
					LeftMargin	0.333000
					MaxRows	-1 Depert
					Orientation	Pager
					DrineMiddle	6 264000
					Printwidth	0.222000
			· ·		sou	0.555000
		·			ShowGrid	True
			Cancel OK		TopMargin	0.333000
					Translucentimage	False
					UseReportConnection	False
					overlepercentrection	
					SQL	
					Set the query used to get the	records in the list in bound
<u> </u>					mode	

7. Then to bind controls right click on control e.g.: right click on Textbox2 then goes to property and in DataField mention name of data field. That's it. Isn't it simple?

ReportMaxReportGen.rpm - Report	rtMa	(Designer 3.0			
File Edit View Window Help	р				
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Toolbox 👻 🕈 🗙		ReportMaxReportGen.rpm x	•	Properties	↓ 0
Pointer			15 *	Application	
Field		Page Header (PageHeader1)		20 21 🗉 🗲	
Label	-	List of Employees		Alignment	0 - Left
Chart	E	Firstlane Lastlane Frail County		AllowExport	True
Line	ŀ.			AutoExpand	False
Barcode	-			AutoShrink	False
	ŀ	Textbox2 Textbox2 Textbox2 Textbox2		BackColor	
	=	Page Footer (PageFooter1)		BorderColor	EUCUCU
	:			BorderStyle	0 - None
	ŀ	Companywarre		BorderWidth	1
	ſ			BottomMargin	3
				Buddy	
				CustomFormat	
				DataField	first name

8. Now you can verify data in this tool itself. Right click on report and click Preview Report.

ReportMax Previewer			
🖶 😓 😋 😜 🍳 ର୍ 🎅	1 of 1 Go		
	List Of Employ	/ees	
FirstName	LastName	Email	Country
Kevin	Taylor	ktaylor0@illinois.edu	Thailand
Janice	Hawkins	jhawkins1@guardian.co.	Indonesia
Lois	Walker	lwalker2@desdev.cn	China
Deborah	Gardner	dgardner3@bigcartel.co	Indonesia
Christina	Lopez	clopez4@ebay.co.uk	Thailand
Joseph	Ford	jford5@miitbeian.gov.cn	Germany
Anne	Fuller	afuller6@networkadverti	Sweden
Jerry	Holmes	jholmes7@spotify.com	Bulgaria
Paul	Palmer	ppalmer8@un.org	Indonesia
Julia	Fields	jfields9@unc.edu	Albania
•	Ш		

9. You can also export to pdf this report. Click on save icon on top left and you have your report in pdf.
| 🔁 Users.pdf - Adobe Reader | | | | | | | | - • × |
|----------------------------|----------|-------------------|-------------|---------------------------|-----------|-------|-------------|---------|
| File | Edit Vie | ew Window H | lelp | | | | | × |
| P | Open | 4 🗟 | ☞ 🎧 🗎 🖨 🖂 📄 | 1 / 1 1 100% - | | Tools | Fill & Sign | Comment |
| Ľ | | | | | | | | Â |
| D, | | List Of Employees | | | | | | |
| | | FirstName | LastName | Email | Country | | | |
| | т | Kevin | Taylor | ktaylor0@illinois.edu | Thailand | | | |
| | т | Janice | Hawkins | jhawkins1@guardian.co.u | Indonesia | | | |
| | т | Lois | Walker | lwalker2@desdev.cn | China | | | = |
| | 1 | Deborah | Gardner | dgardner3@bigcartel.com | Indonesia | | | |
| | Т. | Christina | Lopez | clopez4@ebay.co.uk | Thailand | | | |
| | т | Joseph | Ford | jford5@miitbeian.gov.cn | Germany | | | |
| | т | Anne | Fuller | afuller6@networkadvertisi | Sweden | | | |
| | 1.1 | Jerry | Holmes | jholmes7@spotify.com | Bulgaria | | | |
| | т | Paul | Palmer | ppalmer8@un.org | Indonesia | | | |
| | т | Julia | Fields | jfields9@unc.edu | Albania | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | - |
| | | | | | | | | |

10. Now you can use this report to any windows form solution. Just save this report in that solution. Then go to form and add ReportMaxViwer and mention the path of this report in ReportFile property. That's it.

