

Re: rendering owc charts in asp.net page

Source:

<http://www.tech-archive.net/Archive/Office/microsoft.public.office.developer.web.components/2005-09/msg00028.h>

- *From:* "Alvin Bruney – ASP.NET MVP" <www.lulu.com/owc>
 - *Date:* Tue, 6 Sep 2005 08:25:11 –0400
-

post a small snippet of code that demonstrates the problem, i'll take a look. It really shouldn't matter what you use to develop office based applications – notepad, vs or emacs for instance, the underlying platform should always behave consistently.

—
Regards,
Alvin Bruney [MVP ASP.NET]

[Shameless Author plug]
The Microsoft Office Web Components Black Book with .NET
Now Available @ www.lulu.com/owc
Forth-coming VSTO.NET – Wrox/Wiley 2006

"Loane Sharp" <look_sharp_not@xxxxxxxxxxxx> wrote in message
news:#FddApdsFHA.4072@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
> Thanks Alvin. I'm a bit old-fashioned and prefer to type all my code in a
> text editor (UltraEdit). I've never gotten the hang of Visual Studio, and
I
> hope it's not a sign of relentless further automation to come from
> Microsoft. I find VS about as irritating as the while-you-type spell
checker
> in Word. This is rapidly becoming a problem. Even your outstanding book
> assumes that VS is the tool of choice.
> Best regards
> Loane
>
>
> "Alvin Bruney – MVP ASP.NET" <www.lulu.com/owc> wrote in message
> news:%232Mj8kasFHA.1256@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>> unless you are doing something really funky, the GACUTIL is not needed.
If
>> you are using visual studio, it automatically finds and uses the Office
>> PIA when it detects a reference to an unmanaged assembly. You do not
have

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>> to reference the PIA. Instead, reference the unmanaged assembly and let
>> visual studio do the work. This may be one issue why your application is
>> misbehaving.

>>

>> --

>> Regards,
>> Alvin Bruney

>>

>> Shameless Author Plug
>> [The Microsoft Office Web Components Black Book with .NET]
>> www.lulu.com/owc, Amazon, Barnes & Noble etc
>> Forth-coming VSTO.NET

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>> "Loane Sharp" <look_sharp_not@xxxxxxxxxxxx> wrote in message

>> news:%23jhYbmZsFHA.3640@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

>>> hi there

>>>

>>> am I correct in saying that there are basically 3 different ways of
>>> rendering an owc chart at runtime in an asp.net page, viz.

ExportPicture

>>> (physically stored to disk), GetPicture (image streamed to client), and

>>> within <OBJECT CLASSID=...\> tags.

>>>

>>> I'm facing the bizarre situation that all three methods work perfectly
in

>>> VBScript in my asp.net pages, but since switching all my code to VB.NET

>>> (because I couldn't easily get variables to recognize or talk to one

>>> another between VBScript and VB.NET) they work erratically. For
instance,

>>> I can't have a chart drawn using the GetPicture method in a HTML table:

>>> the table doesn't show up but the chart does.

>>>

>>> all things equal I prefer the GetPicture method (ExportPicture involves

>>> too much cleaning-up, <OBJECT> tags are too finicky with GACUTIL,

>>> registering PIAs, etc.), but I can't find a way to control the

position,

>>> etc. of the image in an HTML table served by my asp.net application.

>>>

>>> Do you have any ideas? Please help!

>>> Best regards

>>> Loane

>>>

>>>

>>> Sub Page_Load()

>>> Dim n As Integer

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```
>>> Dim c As Object, axScale As Object, axValAxis As Object
>>> Dim catData As Object = New Object() {1, 2, 3, 4, 5}
>>> Dim valData As Object = New Object() {1, 2, 3, 4, 5}
>>> With objChart
>>> .Type = ChartChartTypeEnum.chChartTypeBarClustered
>>> .Border.Color = "White"
>>> .HasTitle = True
>>> .Title.Caption = "TOP 10 CANDIDATES"
>>> .Title.Font.Name = "Verdana"
>>> .Title.Font.Bold = True
>>> .Title.Font.Size = "8"
>>> .PlotArea.Interior.Color = "White"
>>> .PlotArea.Border.Color = "White"
>>> .SeriesCollection.Add
>>> .SeriesCollection(0).Caption = "Values"
>>> .SeriesCollection(0).GapWidth = 20
>>> .SeriesCollection(0).Interior.SetSolid(RGB(255, 204, 0))
>>>
>>>
>>> ..SeriesCollection(0).Interior.SetPatterned(ChartPatternTypeEnum.chPattern50P
ercent,
>>> RGB(255, 204, 0), "White")
>>> .SeriesCollection(0).SetData(ChartDimensionsEnum.chDimCategories,
>>> ChartSpecialDataSourcesEnum.chDataLiteral, catData)
>>> .SeriesCollection(0).SetData(ChartDimensionsEnum.chDimValues,
>>> ChartSpecialDataSourcesEnum.chDataLiteral, valData)
>>> .SeriesCollection(0).DataLabelsCollection.Add
>>> .SeriesCollection(0).DataLabelsCollection(0).HasValue = True
>>> .SeriesCollection(0).DataLabelsCollection(0).NumberFormat = "##0"
>>> .SeriesCollection(0).DataLabelsCollection(0).Font.Name = "Verdana"
>>> .SeriesCollection(0).DataLabelsCollection(0).Font.Size = "8"
>>> .SeriesCollection(0).DataLabelsCollection(0).Position =
>>> ChartDataLabelPositionEnum.chLabelPositionInsideEnd
>>> .Axes(ChartAxisPositionEnum.chAxisPositionBottom).NumberFormat =
"##0"
>>> .Axes(0).Font.Name = "Verdana"
>>> .Axes(0).Font.Size = "8"
>>> .Axes(1).HasTitle = True
>>> .Axes(1).Title.Caption = "Evaluation (percent)"
>>> .Axes(1).Title.Font.Name = "Verdana"
>>> .Axes(1).Title.Font.Size = "8"
>>> .Axes(1).Font.Name = "Verdana"
>>> .Axes(1).Font.Size = "8"
>>> End With
>>> axScale =
>>>
objCSpace.Charts(0).Axes(ChartAxisPositionEnum.chAxisPositionValue).Scaling
>>> axScale.Maximum = 100
>>> axScale.Minimum = 0
>>> axValAxis =
>>> objCSpace.Charts(0).Axes(ChartAxisPositionEnum.chAxisPositionValue)
```

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```
>>> axValAxis.HasMajorGridlines = False
>>> axValAxis.HasMinorGridlines = False
>>> End Sub
>>> </SCRIPT>
>>> </HEAD>
>>> <BODY>
>>> <FORM >
>>> <TABLE HEIGHT='100%' WIDTH='100%' CELLSPACING='0' CELLPADDING='0'
>>> BORDER='1' STYLE='VISIBILITY:VISIBLE;POSITION:ABSOLUTE;Z-INDEX:0;'>
>>> <TR HEIGHT='100%'>
>>> <TD WIDTH='100%'>
>>> <%
>>> Response.Clear()
>>> Response.ContentType = "Image/PNG"
>>> Response.BinaryWrite(objCspace.GetPicture("PNG", 200, 200))
>>> %>
>>> </TD>
>>> </TR>
>>> </TABLE>
>>> </FORM>
>>> </BODY>
>>> </HTML>
>>>
>>
>>
>
>
```

• **References:**

- ◆ **[rendering owc charts in asp.net page](#)**
 ◇ From: Loane Sharp
- ◆ **[Re: rendering owc charts in asp.net page](#)**
 ◇ From: Alvin Bruney – MVP ASP.NET
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 ◇ From: Loane Sharp

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