Basic Visio 2003 C# Interaction, drawingControl

Asked 15 years, 11 months ago   Modified 7 years, 10 months ago   Viewed 1k times

I am dabbling in a little drawing automation with Visio 2003. However, I am having a problem taking what MSDN says and incorporating it into my code. I am probably making a very newbie mistake. However, after days of searching the internet I have yet to implement a solution.

I am trying to simply open a stencil from a tbClick. The MSDN site tells me to use DrawingControl.Src to open the stencil. However, when I apply DrawingControl to the code and compile I get this error: An object reference is required for the nonstatic field, method, or property 'VisOcx.IDrawingCopntrol.Src.get'(CS0120). Below is a snippet of code that shows the namespace resources and the function I am trying to implement.

I am open to any and all suggestions about the code as well.

```csharp
//namespace
using System;
using System.Collections.Generic;
using System.Drawing;
using System.Windows.Forms;
using System.Diagnostics;
using System.Runtime.Serialization;
using System.Runtime.InteropServices;
using Visio1 = Microsoft.Office.Interop.Visio;
using Visio2 = VisOcx;

//function
void Qed2_elevation_stencil_tbClick(object sender, EventArgs e)
{
    try
    {
        Visio2.DrawingControl.Src = "C:\\Drawing.vsd";
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }

    return;
}
```

I think I am much closer to making this code work. I am now getting the error, "No overload for 'Qed2_elevation_stencil_tbClick' matches delegate 'System.EventHandler' (CSO123). Below is the updated code. Thank you in advance for anyone who is willing to help.

```csharp
//
// qed2_elevation_stencil_tb
//
this.qed2_elevation_stencil_tb.ToolTipText = "QED2 Front Elevation";
this.qed2_elevation_stencil_tb.Click += new
system.EventHandler(this.Qed2_elevation_stencil_tbClick);

using System;
using System.Configuration;
using System.Collections.Generic;
using System.Collections;
using System.Data;
using System.Drawing;
using System.Windows.Forms;
using System.Diagnostics;
using System.Runtime.Serialization;
using System.Runtime.InteropServices;
using System.IO;


using Visio1 = Microsoft.Office.Interop.Visio;
using Visio2 = VisOcx;
using Visio3 = AxMicrosoft.Office.Interop.VisOcx;

public partial class MainForm : Form
{


    public MainForm()
    {
        //
        // The InitializeComponent() call is required for Windows Forms
designer support.
        //
        InitializeComponent();

        //
        // TODO: Add constructor code after the InitializeComponent() call.
        //
    }

    private Visio1.Application  VisApp = null;
    private Visio1.Page         VisPage = null;
    private Visio1.Document     VisDocument = null;
    private Visio1.Documents    VisDocuments = null;
    private Visio1.Window       VisWindow = null;
    private Visio1.Document     VisStencil = null;

private void Qed2_elevation_stencil_tbClick(ref Visio1.Documents visDocuments)

    {
        string stencilPath = System.IO.Path.Combine(@"C:\\Documents and
Settings\\MGPF50\\My Documents\\Visio Stencils", @"Front Elevation
Stencil.vss");

        try
        {
            VisStencil = visDocuments.OpenEx(stencilPath,
                (short)Visio1.VisOpenSaveArgs.visOpenRO
                + (short)Visio1.VisOpenSaveArgs.visOpenHidden
                + (short)Visio1.VisOpenSaveArgs.visOpenMinimized
```

```
                + (short)Visio1.VisOpenSaveArgs.visOpenNoWorkspace);
        }
        catch (COMException exp)
        {
            MessageBox.Show("Error Loading Stencil: " + stencilPath +
  exp.Message);
            throw exp;
        }
    }
```

`c#`   `visio`

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edited Feb 21, 2017 at 0:20

MaKCbIMKo
2,820 ● 1 ● 20 ● 27

asked Jan 20, 2009 at 17:12

tejas_grande
283 ● 2 ● 7 ● 16

1 Answer

Sorted by: Highest score (default) ⬍

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You are trying to access the drawing control statically, when it needs to be instantiated for use. Here's a walkthrough that should help.

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answered Jan 20, 2009 at 17:50

cmsjr
59k ● 11 ● 74 ● 63

I have reviewed the website and downloaded their code, thank you for this link. Is the solution then to make the function static? The application on the website you pointed me to has this type of function but their function was static. – tejas_grande Jan 20, 2009 at 19:28

I apologize cmsjr, that previous statement is not true. I am currently trying to make their code work. Thanks again, I will post soon with a result. – tejas_grande Jan 20, 2009 at 19:39