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Connecting Custom Web Parts to OSIsoft PI Web Parts

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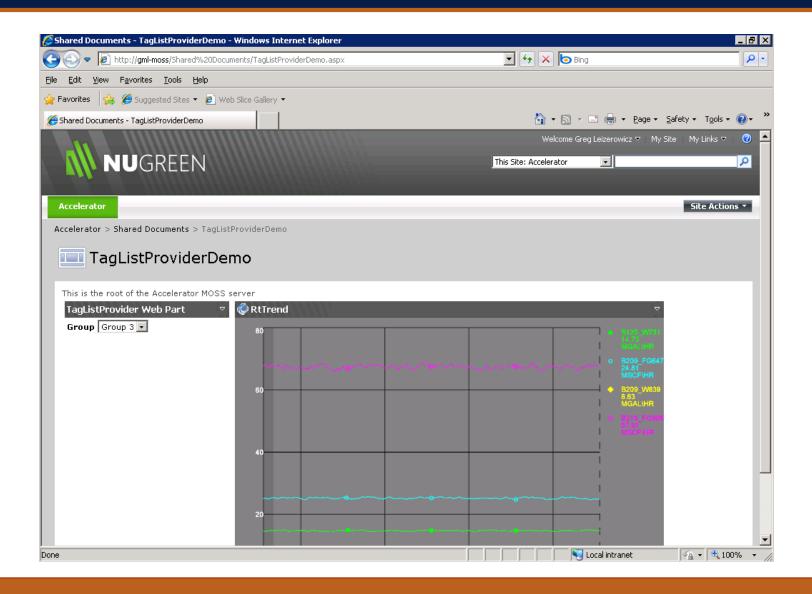
Agenda

- Overview of Connecting to PI WebParts
- Demo where we're going
- Development Environment
- Demo how to get there
- Tips and Tricks
- Wrap up
- Q&A

Connecting to PI Web Parts

- Client-side vs. Server-Side Connections
- SharePoint WebParts vs. ASP.NET Web Parts
- Supported Connection Interfaces

Demo – where are we going?





Development Environment (minimums)

- Windows Server 2003
- Windows SharePoint Services 3.0 (MOSS 2007 preferred)
- Standalone install gets you everything you need
- Visual Studio 2008 SP1
- Visual Studio Extensions for WSS (VSeWSS) 1.2
- 64-bit is available with version 1.3

Demo – how do we get there?

```
🎇 vCampusWebPart - Microsoft Visual Studio
 File Edit View Refactor Project Build Debug Data Tools Window Help
 1 - 1 Debug
                                            TagListProvider.js TagListProvider.cs
                                                                                                          🖺 📦 🕡 🗵 🖧
                                                   ॡvCampusWebPart.TaqListProvider
                                                                                                               AssemblyInfo.cs
        14 - namespace vCampusWebPart
                                                                                                               🛂 vCampusWebPart.snk
                                                                                                            References
        16
                [Guid("18c9796c-6a82-4a32-9c46-b5be75ba656c")]
                                                                                                              --- - Microsoft.SharePoint
        17
                public class TagListProvider: Microsoft.SharePoint.WebPartPages.WebPart, IParamete
                                                                                                               Microsoft.SharePoint.Pul
        18

    System

        19
                    private bool paramsOutRunAtClient = false;
                                                                                                              - - System.Data
        20
                    private bool paramsOutConnected = false;
                                                                                                               System.Web
        21
                                                                                                             --- - System.Xml
        22
                                                                                                            TagListProvider
                    private DropDownList dropDownList;
                                                                                                               TagListProvider.cs
        23
                    private string textData = string.Empty;
                                                                                                               TagListProvider.js
        24
                                                                                                               TagListProvider.webpart
        25
                    [FriendlyName("TextData"), Category("Configuration"), Browsable(false), WebPart
                                                                                                               TagListProvider.xml
        26
                    public string TextData
                                                                                                               TagListProviderEditor.cs
        27
        28
                        get { return textData; }
                                                                                                         👩 WSP V... 😽 Soluti... 🐼 Class ...
        29
        30
        31
                             textData = value;
        32
                            BindList();
                                                                                                         B A↓ □
        33
        34
        35
        36#
                    IParametersOutProvider interface
        43
                    IWebEditable interface
        67
        68
                     Web Part rendering
       198
       199
                    Web Part Connections
       295
       296
       297
   🔳 Output 💏 Error List
Item(s) Saved
                                                                                            Ln 68
                                                                                                     Col 9
                                                                                                                Ch 9
                                                                                                                              INS
```

Tips & Tricks

- BrowserDesignMode and ConnectionRunAt.Server
- ReplaceTokens() method
- Embedded resources javascript, images

Wrap up, Q&A

- All code and slides will be available on OSIsoft vCampus before you get home
- Questions?

}
2. Dim srv As PISDK.Server
3. Fore*%^%) (point in server.PIPoints)?!!??
4. Dim srv A PISDK.Server

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THANK YOU.



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point.Snapshot

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3. Fore*%^%) (poi

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