



Building SharePoint Web Parts with the Web ADF

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Agenda

- **Today we will cover**
 - **Creating a custom Web Part that contains ADF controls**
 - **Deploying the Web Part in SharePoint**
 - **Debugging**

Microsoft SharePoint

- **Browser-based collaboration and document management platform**
- **Windows SharePoint Services 3.0 (WSS)**
 - Included with Windows Server
- **Microsoft Office SharePoint Server 2007 (MOSS)**
 - Licensed separately
 - WSS + extra features
- **Built on ASP.NET applications and services**
 - Postback model
 - Modify site content using Web Parts

Web Parts

- **ASP.NET Server controls**
 - **ASP.NET Web Part (recommended)**
 - `System.Web.UI.WebControls.WebParts.WebPart`
 - **SharePoint Web Part**
 - `Microsoft.SharePoint.WebPartPages.WebPart`
 - **Included with SharePoint Server – not SDK**
 - **Backward compatible, cross-page connections**

Personalization

- **Modify content, appearance, and behavior of Web Parts**
- **Tied to the identity of a user and page**
- **Persisted, long-term**
- **In custom Web Part controls, use Personalizable attribute on properties**

Discussion topics

- **ASP.NET AJAX support**
- **64-bit support**
- **Inter-part communication**
- **Working with SharePoint data services**

Additional Resources

- ArcGIS Server Resource Center
 - Web ADF sample
Common Custom Controls
 - http://resources.esri.com/help/9.3/arcgisserver/adf/dotnet/samples_start.htm
- ArcGIS Server blog
 - <http://blogs.esri.com/Dev/blogs/arcgisserver/>
- MSDN ASP.NET Web Parts reference
 - <http://msdn.microsoft.com/en-us/library/e0s9t4ck.aspx>
- Microsoft SharePoint products and technologies
 - <http://msdn.microsoft.com/en-us/library/bb931739.aspx>