

SharePoint and Silverlight *Together at Last*

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What we will cover

- How to develop a simple Web Part
- How to make a Web Part consume a value from a list
- How to reference external files, multiple options
- How to provision a List Instance to a SharePoint site
- How to provision Files to Libraries in SharePoint
- How to package the files into a deployable .wsp file
- How to deploy the Solution to a SharePoint site

Project Structure

- Mimic 12 Hive (my preference)
- Code folder, similar logical folder structure
- How many Features?
 - Web Part
 - Resources
- Packaging script file
- Deployment options
 - Deploy
 - Upgrade
 - xcopy

The Web Part Feature

- Feature.xml
- Feature receiver to “clean-up” when de-activating
- Element manifest
- .webpart file
- .cs file for Web Part itself
- [assembly: AllowPartiallyTrustedCallers()]
- Activation dependency on Web Part Resource Feature

External Files

- Place in library
 - Easy to maintain w/SharePoint Designer
- Application Resource
 - Not standard
 - Permission issues may arise
- Embedded Resource
 - Not maintainable without re-compile

Web Part Resource Feature

- Feature.xml
- Feature receiver to “clean-up” when de-activating
- Element manifest for each logical part of Feature
- Hidden Feature

Packaging

- Package.cmd
- Manifest.xml
- Post-build event commands
- Sign assembly
- makecab.exe and wsp.ddf file

Deployment

- Deploy.cmd
- Upgrade.cmd
- xcopy



Demo