# Advanced Custom Web parts

by John Liu

## Custom Web Parts

Different ways of adding additional functionality to SharePoint

1. UserControls with a WebPart container (SmartParts)
2. CustomControls – converted to a WebPart

Writing a custom web part

1. Web.Config changes (safecontrol)
2. Deployment considerations
3. Debugging Web Parts in SharePoint
4. Versioning comments
5. Web Part Gallery woes
6. Frequent IISRESET – work on a separate Dev VM