ASP.NET 3.5

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What we'll look at...

- Visual Studio Enhancements
- LINQ (Language Integrated Query)
- New Server Controls
- AJAX Integration
- Silverlight
- ASP.NET 3.5 Extensions Preview

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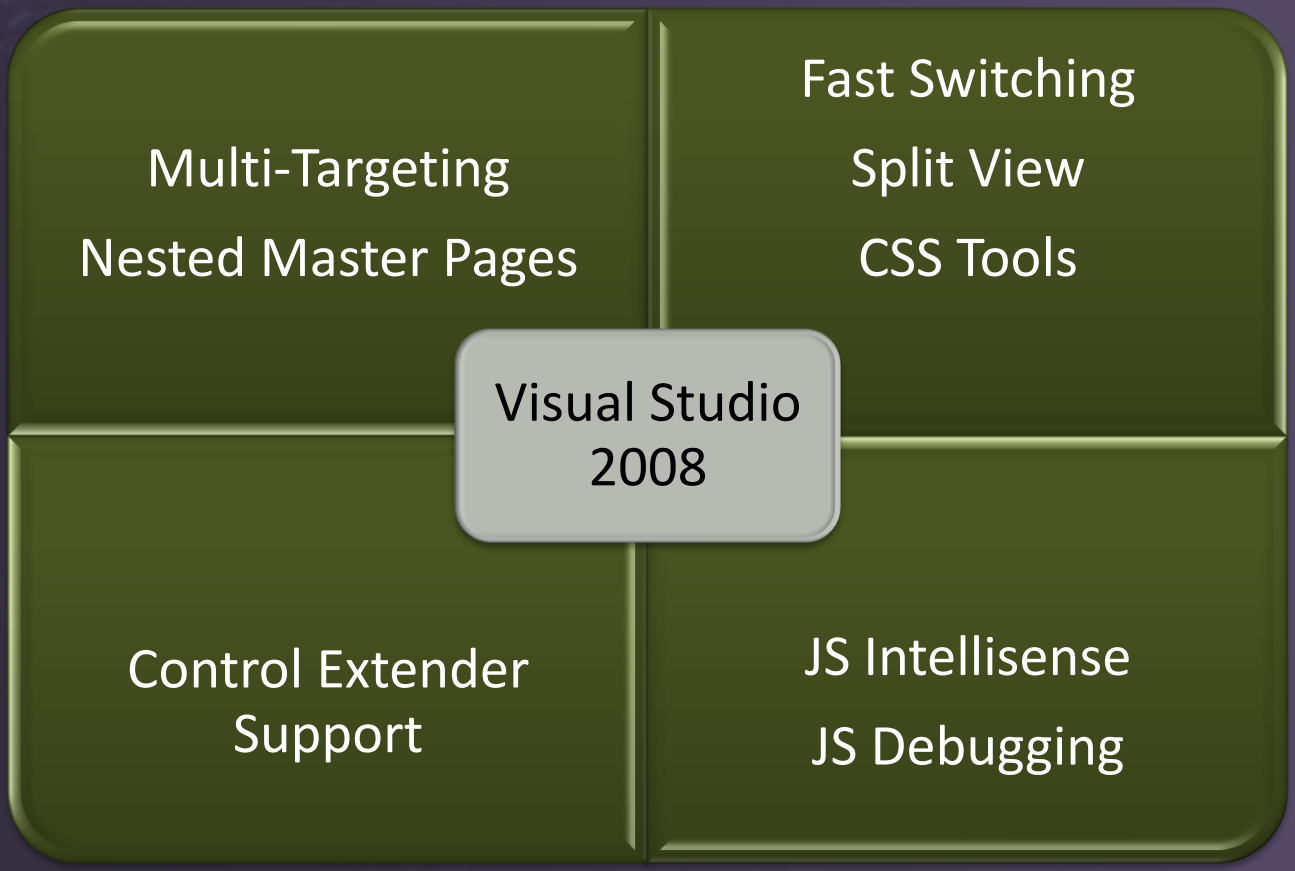
Visual Studio Enhancements



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Visual Studio 2008

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LINQ

- Query, Set and Transform Operations for .NET
- Querying data becomes a core programming concept
- Works with all types and shapes of data
  - Objects
  - XML
  - Relational databases
  - …
- Works with all .NET languages
  - New VB and C# have integrated language support

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New ASP.NET Data Controls

- <asp:ListView>
- <asp:DataPager>
- <asp:LinqDataSource>

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ASP.NET 3.5 Data Controls

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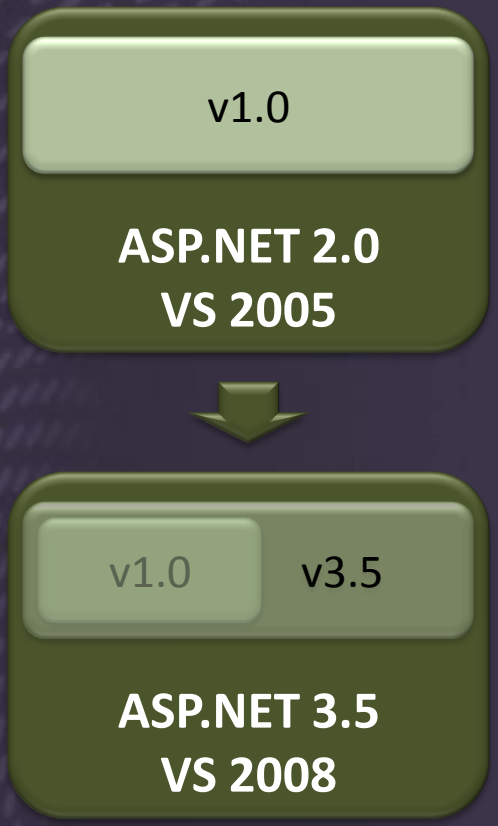
ASP.NET AJAX



- All AJAX 1.0 features in .NET 3.5
  - Enhancements to UpdatePanel
  - WCF JSON Services
- Better Development Experience
  - JavaScript Intellisense
  - JavaScript Debugging
  - ASP.NET AJAX Extender Control Support

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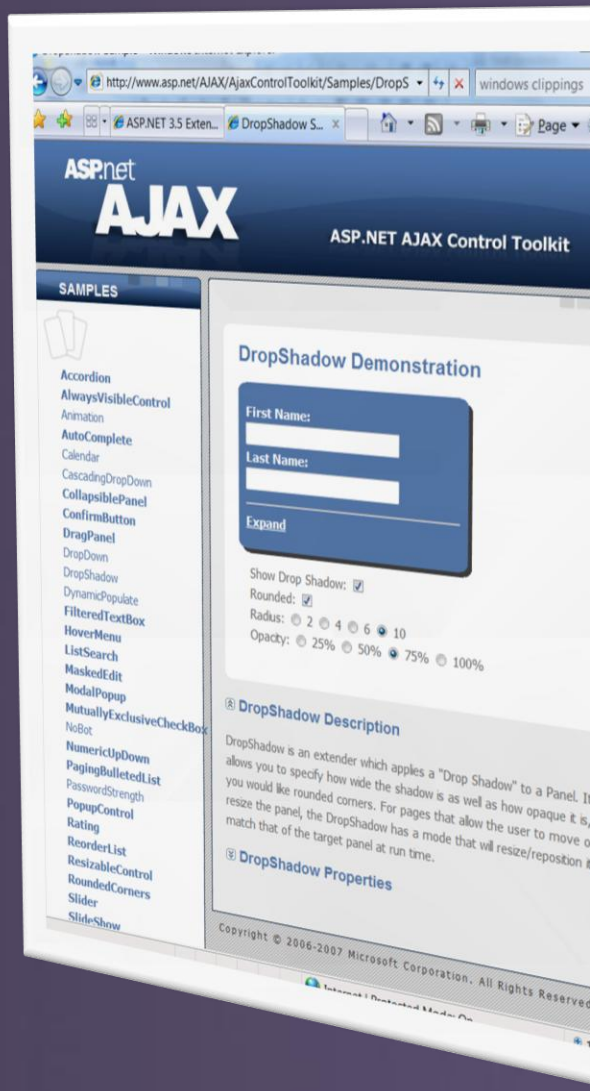
ASP.NET AJAX Control Toolkit

- Separate download from core ASP.NET AJAX
  - Library of free ASP.NET AJAX enabled controls
  - Download from http://ajax.asp.net
- Developed using a collaborative source model
  - Licensed under Microsoft Public License (Ms-PL)
  - All source freely available with modification license
  - Both Microsoft & non-Microsoft developers can contribute
- ~ 40 controls as of today



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Silverlight™

Microsoft Silverlight is a cross-browser, cross-platform implementation of .NET for building and delivering the next generation of media experiences & rich interactive applications for the Web.

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Silverlight

- Media Rich Content
- Interactive Applications
- Rich Internet Applications

http://silverlight.net/Showcase

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Silverlight

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ASP.NET 3.5 Extensions Preview

- ASP.NET MVC
  - Model View Controller framework for ASP.NET
- ASP.NET Dynamic Data
  - Scaffolding and dynamic data controls for ASP.NET
- ASP.NET AJAX
  - Browser history support
- ADO.NET Data Services
  - Create REST addressable services endpoints for your data
- Silverlight Controls for ASP.NET
  - Easily integrate Silverlight capabilities into ASP.NET applications

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ASP.NET 3.5 Extensions Preview

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Additional Information

- ASP.NET
  - http://www.asp.net
- ASP.NET AJAX
  - http://ajax.asp.net
- Data Access And LINQ
  - http://weblogs.asp.net/scottgu
  - http://www.microsoft.com/uk/msdn/nuggets
- Silverlight
  - http://www.silverlight.net
- ASP.NET 3.5 Extensions Preview
  - http://www.asp.net/downloads/3.5-extensions
- General
  - http://weblogs.asp.net/scottgu
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