

# ■ ■ ■ Silverlight 1.0 Beta, 1.1 Alpha



Patrick Spieler  
Senior Consultant, Trainer

[patrick.spieler@trivadis.com](mailto:patrick.spieler@trivadis.com)  
<http://sharpcuts.blogspot.com/>

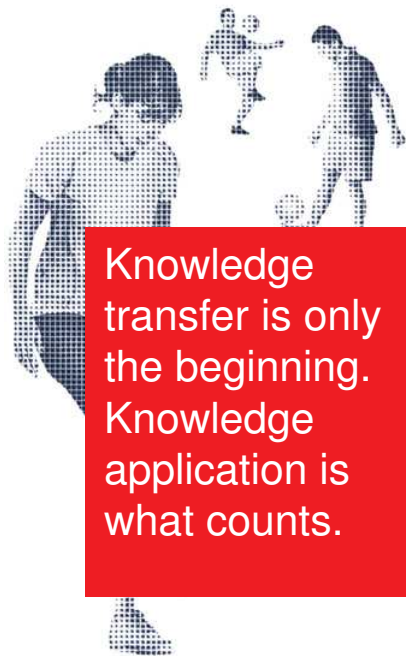
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# Agenda



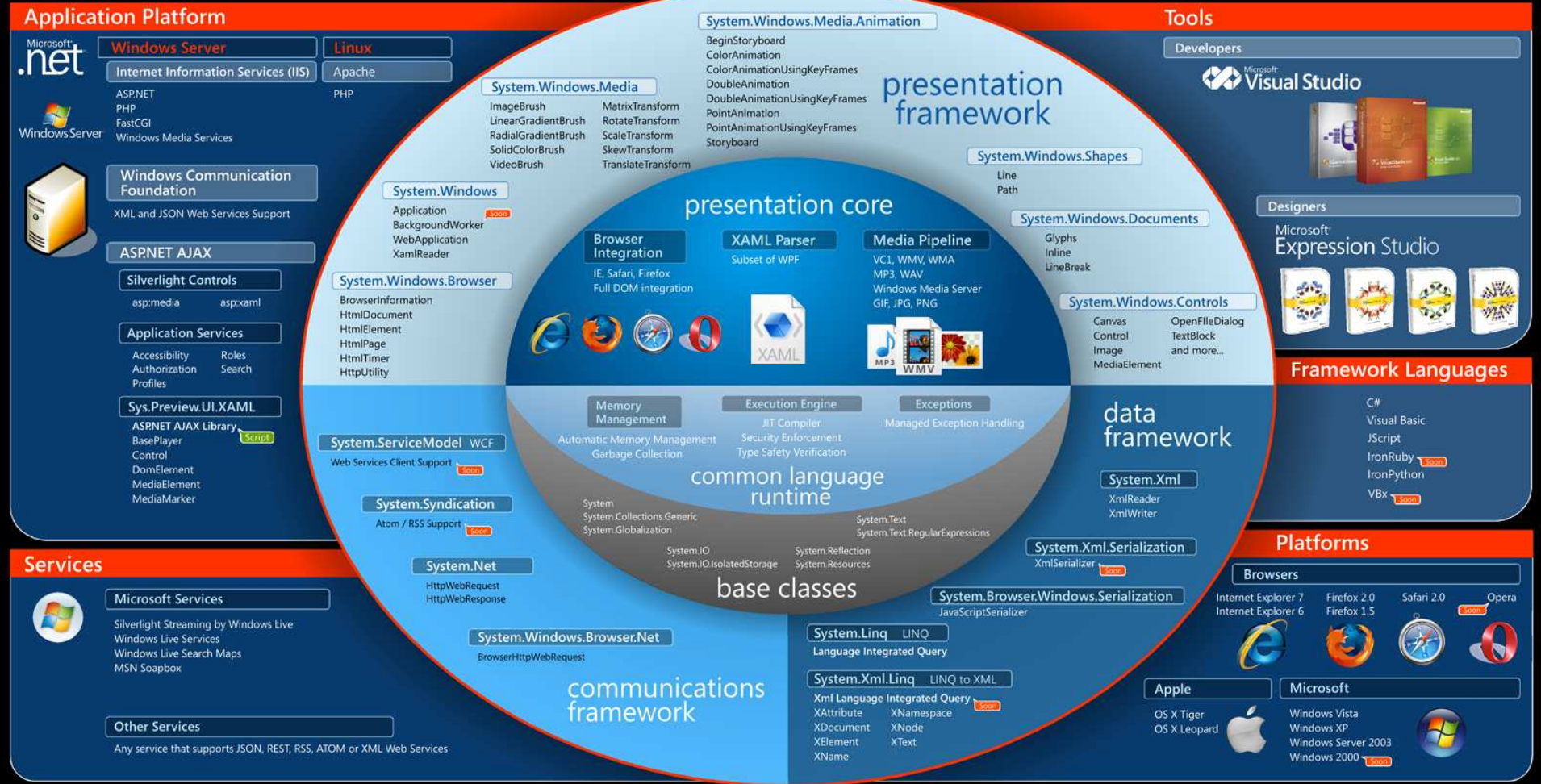
- Silverlight
  - Quick Overview
  - Demo



# What is Microsoft Silverlight?



- WPF/E → Silverlight (~ Microsoft Flash)
  
- Microsoft Silverlight is a
  - cross-browser, cross-platform plug-in
  - next generation of .NET based media experiences and rich interactive applications for the Web
  - flexible programming model that supports **AJAX**, VB, C#, Python, and Ruby
  - integrates with existing Web applications
  - Silverlight supports fast, cost-effective delivery of high-quality video to all major browsers running on the Mac OS or Windows.
  - XAML based
  
- <http://silverlight.net/>
  
- <http://weblogs.asp.net/scottgu/archive/2007/05/07/silverlight.aspx>



**Legend**    Namespaces / Category    Script JavaScript Libraries    Soon Post Silverlight 1.1 Alpha Functionality

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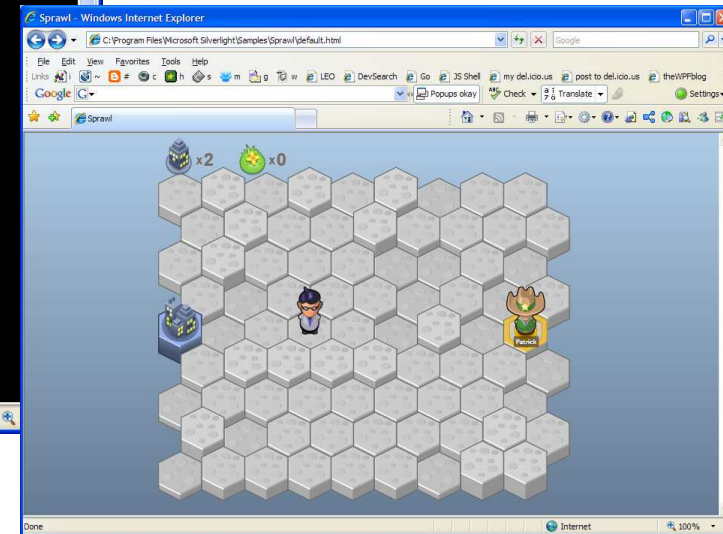
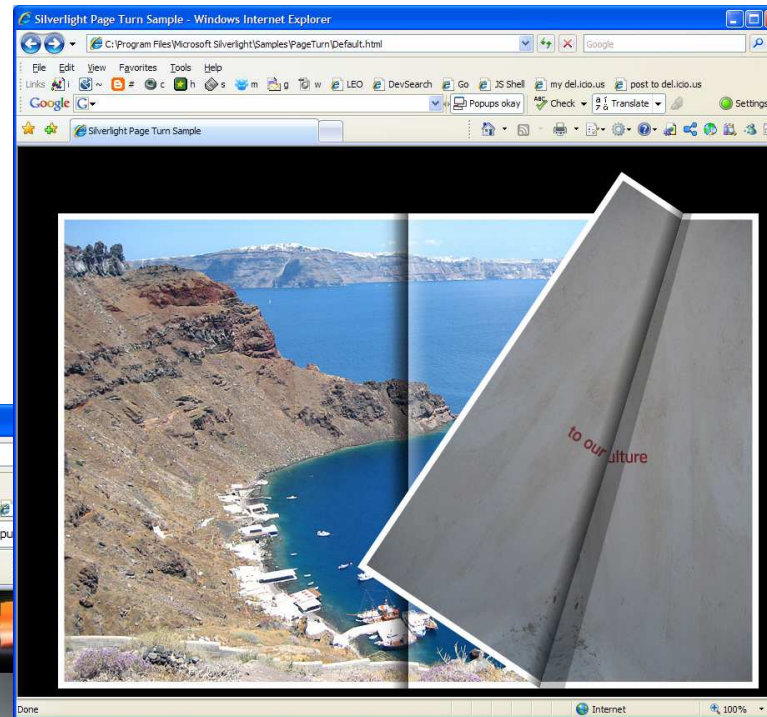
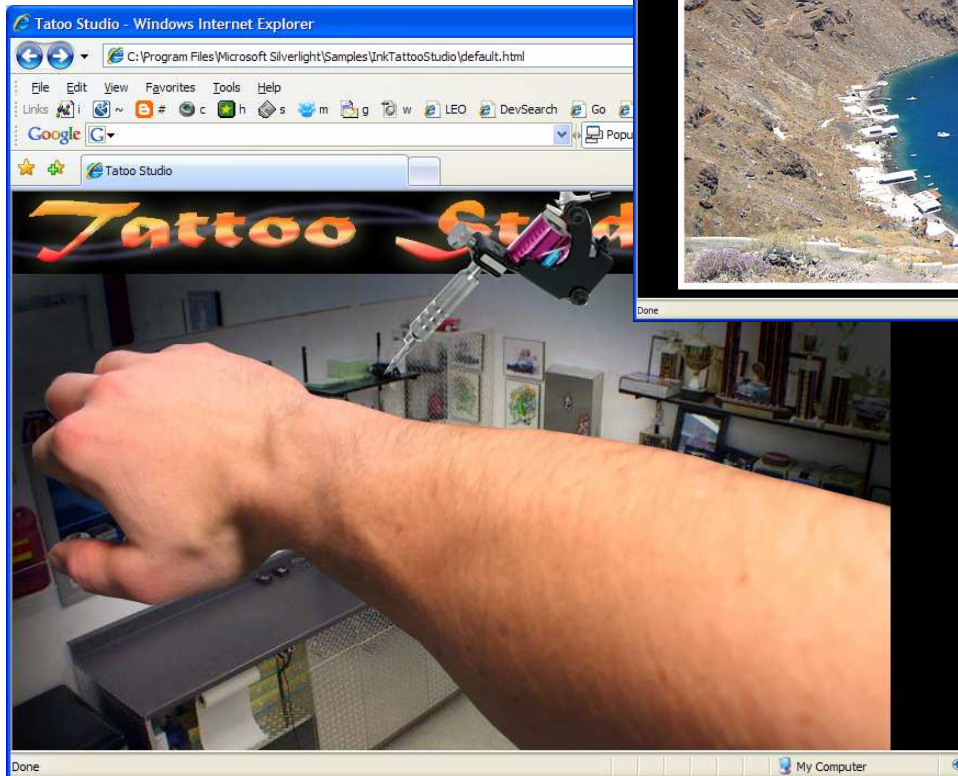


# Versions & Browser Support



- **Microsoft Silverlight 1.0 Beta (release date: Summer 07)**  
This version (previously released as WPF/E) provides the presentation core features of Silverlight.
- **Microsoft Silverlight 1.1 Alpha (May 2007) → release: ?**  
This version combines the presentation core in version 1.0 with .NET Framework capabilities, and offers the full architecture and feature set.
- **Microsoft ASP.NET Futures (May 2007)**  
This feature set provides additional functionality to enhance ASP.NET AJAX applications. It includes two controls that are useful for building Silverlight-based applications as part of an ASP.NET application:
  - The ASP.NET Media Control
  - The ASP.NET XAML Control

# Demo



C:\Program Files\Microsoft Silverlight\Samples

# Additional Features



Feature	Description
Isolated storage	Provides safe access from the Silverlight client to the local machine's file system. Enables local storage and caching of data isolated to a particular user.
Asynchronous programming	A background worker thread carries out programming tasks while the application is freed up for user interaction.
File management	Provides a safe File Open dialog box, to ease the process of creating safe file uploads.
HTML - managed code interaction	Enables .NET Framework programmers to directly manipulate UI elements in the HTML DOM of a Web page. Web developers can also use JavaScript to call directly into managed code and access scriptable objects, properties, events, and methods.
JSON (JavaScript Object Notation)	Enables developers to call directly from JavaScript to ASP.NET-based Web services.
POX services	Enables calls to simple XML-based Web services.
XML libraries	<b>XMLReader</b> and <b>XMLWriter</b> classes simplify working with XML data from Web services. The <b>XLinq</b> feature enables developers to query XML data directly within .NET Framework programming languages.

# Silverlight Browser Support



- **Browser Support for..**
  - Microsoft Internet Explorer versions 6.0 and 7.0
  - Mozilla Firefox versions 1.5 and 2.0
  - Apple Safari version 2.0