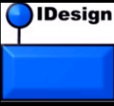




//BUILD/: To Win8 / WinRT / Metro and Beyond...

Brian Noyes
Chief Architect, IDesign Inc (www.idesign.net)
brian.noyes@idesign.net
@briannoyes



About Brian

Chief Architect IDesign Inc. (www.idesign.net)	Publishing <i>Developers Guide to Microsoft Prism 4</i> , O'Reilly & Assoc., March 2011 <i>Developing Applications with Windows Workflow Foundation</i> , LiveLessons training DVD, June 2007 <i>Smart Client Deployment with ClickOnce</i> , Addison Wesley, January 2007 <i>Data Binding in Windows Forms 2.0</i> , Addison Wesley, January 2006 <i>MSDN Magazine, MSDN Online, CoDe Magazine, The Server Side .NET, asp.netPRO, Visual Studio Magazine</i>
Microsoft Regional Director (www.theregion.com)	Speaking <i>Microsoft TechEd US, Europe, Africa, Asia, DevConnections, DevTeach, VSLive!, others</i>
Microsoft MVP Silverlight	

E-mail: brian.noyes@idesign.net
Twitter: @briannoyes
Blog: <http://briannoyes.net>

Agenda



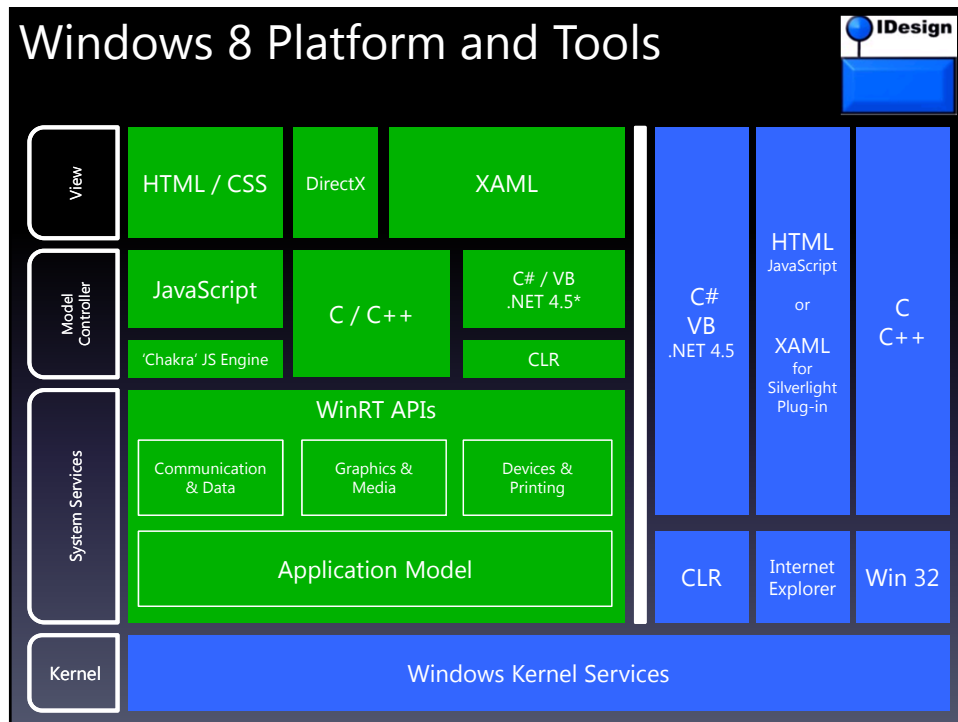
- Windows 8
- WinRT/Metro
- Visual Studio 11 / .NET 4.5
- Windows Azure
- Q&A

Windows 8



- “Windows Re-imagined”
- “Fast and Fluid”
- Metro style shell
- Desktop mode
- Touch-centric
- More secure
- More reliable
- Backward compatible – Windows 7





WinRT

- Windows 8 OS API
 - Like Win32 for previous operating systems
- Exposes APIs that replace some .NET APIs
 - Desktop client application focused
- Unmanaged code



Metro Apps

- Developed on WinRT, not .NET
- XAML + C#/VB/C++ or HTML 5 + JS
- Touch centric, content focused
- Constrained execution environment
- Full screen or snap view
 - Non-overlapping windows
- Leverage WinRT OS level features
 - Search, Sharing, Settings sync



.NET 4.5

- Still the primary development platform for server apps and services
- Async keywords
- ASP.NET MVC 4, Websockets, JS enhancements
- WCF Web API
- Workflow Foundation enhancements
- Windows Azure Deployment Projects



Visual Studio 11

- New templates for Metro and Azure projects
- Productivity Power Tools built in
- Blend designer integrated
- New refactoring features
- Parallel debugging / concurrency visualizer
- Cloud hosted TFS



Windows Azure

- Windows Azure SDK 1.5 release
- Enhancements for debugging and deploying apps to Azure
- AppFabric Service Bus enhancements
 - Queues and Topics
- SQL Azure Enhancements
- General focus on Azure backed applications and syncing data through the cloud



Resources

- <http://dev.windows.com>
- <http://buildwindows.com>

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Twitter: @briannoyes
Blog: <http://briannoyes.net>