

Visual Studio **LIVE!**  
EXPERT SOLUTIONS FOR .NET DEVELOPERS



YOUR MAP TO THE .NET DEVELOPMENT PLATFORM



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**Redmond, WA | August 6-10**  
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- Visual Studio / .NET
- Silverlight / WPF
- Web
- Cloud Computing & Services
- Data Management
- HTML5
- Windows 8 / WinRT
- Windows Phone
- Cross Platform Mobile



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## A Message from the Co-Chairs

The Microsoft Development Platform is reaching a huge milestone. With Windows 8 nearly available, Windows Phone 8 around the corner, the industry-wide HTML5 push, Big Data and ongoing enhancements to Windows Azure, just about everything is changing and growing.

We think there's a great way to digest these changes and seize their collective opportunity. And that's to hear about them directly from the finest expert speakers in the business.

We're Andrew Brust and Rocky Lhotka, and as Conference Co-Chairs for Visual Studio Live! Redmond, we'd like to personally invite you to join us this August at Microsoft's Redmond campus, where we'll have some of the best content and speakers that you'll find at a technical conference.

We've put together a blockbuster lineup of sessions on: Windows 8/WinRT, HTML5, Windows Phone and Cross Platform Mobile Development, Silverlight/WPF, Data Management and Cloud Computing.

We've also got coverage on tools like Hadoop on Windows, Visual Studio LightSwitch, WebMatrix and Razor, the Microsoft .NET Framework 4.0 and 4.5, Visual Studio 2010 and Visual Studio 11, and workshop content on Visual Studio ALM, HTML 5, SQL Server 2012, creating great user experiences with XAML, and building cloud services. These sessions burrow deep into the new subjects you need to master and the fundamentals that are always important.

Hardcore content from independent experts isn't a luxury. With so much change in the Microsoft stack, it's a necessity. Don't be overwhelmed by the change...find a way to get to Visual Studio Live! Redmond and embrace it instead.

We hope to see you there!

Andrew Brust  
Visual Studio Live! Co-Chair

Rockford Lhotka  
Visual Studio Live! Co-Chair

## Visual Studio Live! Redmond Advisory Council



**Andrew Brust**  
Visual Studio Live!  
Redmond Co-chair  
Founder & CEO,  
*Blue Badge Insights*



**Michael Desmond**  
Editor in Chief,  
*MSDN Magazine*



**Rockford Lhotka**  
Visual Studio Live!  
Redmond Co-chair  
CTO, *Magenic*



**Keith Ward**  
Editor in Chief,  
*Visual Studio Magazine*



# 10



Redmond, WA | August 6-10 | Microsoft Campus in Redmond, WA

## Reasons to Attend Visual Studio Live! Redmond →

- 1. YOUR ONE AND ONLY.** Visual Studio Live! is an event that you and your colleagues know and trust.
- 2. AN IVY-LEAGUE EDUCATION (MINUS THE STUDENT LOANS).** Get 5 days of developer-focused education for an incredible low price!
- 3. MORE VIEWS THAN THE SPACE NEEDLE.** We want you to learn about the most recent software and industry updates from every angle. That's why you'll get to hear from both unbiased industry experts and Microsoft insiders at your sessions.
- 4. CUSTOMIZE YOUR CLASS SCHEDULE.** Visual Studio Live! offers a great selection of educational sessions for comprehensive training on Visual Studio / .NET, Cloud Computing and Services, Data Management, Windows Phone, and more.
- 5. GET YOUR HANDS DIRTY.** You'll get to the nitty-gritty of today's hot .NET topics during pre- and post-show workshops.
- 6. MEET THE PROFESSORS.** Sit down for some one-on-one time with the likes of Andrew Brust, Miguel Castro, Billy Hollis, Rockford Lhotka, and Rachel Appel. Speakers at Visual Studio Live! are always able and willing to talk to you outside of sessions – it's a great opportunity to get insightful, on-point answers to some of your burning questions!
- 7. IT'S CALLED VISUAL STUDIO LIVE! FOR A REASON.** Your gateway to all .NET development is LightSwitch, Visual Studio 2010 and "VS11", which provide powerful features around debugging, architecture and application lifecycle management (ALM). Get the information you need to understand and leverage the power of .NET, LightSwitch and Visual Studio today and into the future.
- 8. FROM THE HORSES' MOUTHS.** Hear it in Redmond first! You'll get the inside scoop on what's happening in the Microsoft and developer landscape.
- 9. 500 PERSON STUDY GROUP.** Developers, software architects and designers will all be at the conference — take advantage of the meals and networking events to get to know your colleagues.
- 10. CODE ON CAMPUS!** Get inside the technological mecca: Microsoft Headquarters!



## Events & Activities

### THE FUN STUFF: VISUAL STUDIO LIVE!

Your attendance at Visual Studio Live! Redmond is about learning from your peers as well as the experts; make the most of your time with us and add these events and activities to your itinerary!

### Activities ACCESS TO THE MICROSOFT COMPANY STORE

You bring the money, we get you special access!\*

Monday, August 6, 12:00 – 2:30 p.m.  
Thursday, August 9, 12:15 – 2:45 p.m.

All Visual Studio Live! Redmond event attendees will have the opportunity to visit the Microsoft Company Store during their time at the conference and have access to the employee-only discount area.

The company store's discount area is typically only open for Microsoft employees to purchase select Microsoft products at discounted prices, so you won't want to miss out on this great opportunity!

Popular home-use software titles such as Windows 7, Office 2010, Office for Mac, and Streets and Trips are available. XBOX 360 accessories and a selection of XBOX games are offered at significant savings. At the Redmond campus location, you will find one of the

largest selections of Microsoft-branded PC hardware in any retail store. PC Hardware offered includes Keyboards and desktop sets, Mice, Webcams and more.

Visual Studio Live! Redmond event attendees will qualify for a pass that allows them access to the special discounts normally reserved only for Microsoft employees. Due to the amazing deals, each attendee is allowed to spend up to a maximum of \$120.

\*Restrictions apply; including but not limited to the following:

- Attendees will be given a voucher/form that allows them access to the employee only discount area to spend up to \$120 of their own money on select Microsoft products.
- All attendees must have a valid driver's license that matches the name on the voucher.
- If using a credit card for payment, the name on the card must match the name on your voucher and identification.
- If you are employed by a government agency or a school or university, you are not eligible for the discount pass due to Microsoft policy

### VISIT THE MICROSOFT VISITOR CENTER

The Microsoft Visitor Center is open to all employees and visitors to the Microsoft campus. Come share in the excitement of their discoveries, explore some of the latest products, and meet some of the people whose ideas and creativity make Microsoft a world leader in computer and software industry.

### MEET THE PROS



Let's face it — our talented team of speakers is the main reason you head to Visual Studio Live! events. They share your interest in the latest technologies while refusing to abandon challenging applications out there already. So why not get to know them in a different light during the breaks and networking opportunities we have planned for you in Redmond? Kick back with the people who love sharing their knowledge and experience to help you get where you want to be professionally.





## Events & Activities, continued

### Events

#### Your attendance at Visual Studio Live! Redmond

is about learning from your peers as well as the experts. We've designed the conference with networking in mind to help you make the most of your time with us.

#### ASK THE EXPERTS AND WELCOME RECEPTION

Tuesday, August 7

Visual Studio Live! Redmond's Welcome Reception will be combined with a two-hour Microsoft "Ask the Experts" session, where you'll get a chance to talk with Microsoft product team members and speakers. Enjoy drinks and snacks while you explore the Microsoft Visitor Center, network with fellow attendees, get answers to your questions from the experts, and visit the Microsoft Company Store.

Microsoft Experts will represent the following technologies:\*

- Visual Studio
- Languages

- TFS
- ASP.NET
- Silverlight / WPF
- SharePoint
- Windows Phone 7
- Futures
- Data Access
- Parallelism

*\*List of Microsoft Experts is subject to change.*

#### LUNCH @ THE MIXER - VISIT THE MICROSOFT COMPANY STORE & VISITOR CENTER

Monday, August 6, 12:00 – 2:30 p.m.

Thursday, August 9, 12:15 – 2:45 p.m.

Experience the Microsoft Campus like an insider and enjoy lunch at the Mixer with the Blue Badges. With over 10 restaurants to choose from, you'll be sure to find something you like and will enjoy this unique opportunity.

#### LUNCHEON ROUND TABLE

Wednesday, August 8, 12:00 – 1:30pm

Share knowledge and experiences with your colleagues by joining one of the topic tables at lunch.

Visual Studio Live! Round Table Topics:

- ASP.NET (Ajax, jQuery, MVC)
- Silverlight/ WPF

- SQL Server
- ALM
- SharePoint
- LINQ, Entity Framework, ADO.NET
- Data Services
- WCF, WF and AppFabric
- .NET 4.0/VB 10/C# 4.0
- Cloud Computing (Windows Azure & Live Mesh)
- Mobile Development
- Visual Studio LightSwitch
- HTML 5/IE 9
- Windows 8/WinRT

#### EVENING EVENT AT LUCKY STRIKES BELLEVUE

Wednesday, August, 8, 8:00 – 10:00pm

Stay out of the gutter and head to Lucky Strikes in Bellevue (located next to the conference hotel) for an exciting evening. Network with your fellow attendees and speakers while having fun bowling, playing pool, playing liars dice (if you dare!) and enjoy food, drinks and a great atmosphere!



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## Venue Information

Visual Studio Live! returns to the Microsoft Campus in Redmond, Washington in 2012 for more in-depth developer training by technical experts. This unique location allows you to live life like a Blue Badge and get an insider's look at the campus.

### Microsoft Headquarters

#### Microsoft Conference Center (Building 33)

16070 N.E. 36th Way  
Redmond, WA 98052  
Business Center Desk: 425.703.1800



## Hotel Information

Visual Studio Live! has partnered with the Hyatt Regency Bellevue for conference attendees. The Hyatt Regency Bellevue is approximately 5.8 miles from the Microsoft Conference Center and shuttles will be available for those attendees who register in the Visual Studio Live! room block.



### Hyatt Regency Bellevue

900 Bellevue Way N.E.  
Bellevue, WA 98004

You must book before July 3, 2012 and mention Visual Studio Live! to receive this special attendee rate of \$199/night.\*

Reservations can be made [online](#). Rooms are subject to availability.

Rooms at the Hyatt Regency Bellevue in the Visual Studio Live! Room Block include:

- Complimentary in-room internet connectivity
- Complimentary access to the Hyatt Stay Fit gym and heated lap pool

### Shuttle Service

Visual Studio Live! will be providing daily complimentary shuttle transportation between the Hyatt Regency Bellevue and the Microsoft Conference Center (Building 33). This shuttle service will be available to all attendees with a valid conference badge.

## Travel

### Air Travel Discounts

American Airlines, the official airline for Visual Studio Live! Redmond, is offering a 5% discount to all Visual Studio Live attendees. The discount can be booked online at [www.aa.com](http://www.aa.com), or by calling 800.433.1790. (Ticketing fee will apply if reservation is made by call in.) Use authorization number A5282AW as the discount code when booking online or calling directly.

This special offer applies to travel from all markets where American Airlines, American Eagle, American Connection Service, and all One world carriers provide service. Discounts apply to discountable fares where American Airlines, American Airlines code share, or One World Alliance partners are involved. AA must be the governing carrier.

### Car Rental Discounts

Avis is the official car rental company for Visual Studio Live! Redmond 2012. For reservations, call 800.331-1212 and use the AVIS worldwide discount code is G027999, or book [online](#).

### Airport Transportation

Area hotels do not provide airport transportation, but there are several options:

### Shuttle Express

206.622.1424

From SeaTac Airport: guests can dial 48 at the information center in baggage claim to arrange for transportation. Two hours advance reservation is required. 1st Adult: \$26.00; 2nd Adult: \$4.00; Additional Adults: \$5.00 (Credit cards accepted)

### Taxi or Town Car

One way fare averages \$50-\$60.



## Agenda At-A-Glance (Monday & Tuesday)

Cross Platform Mobile	HTML5	Web	Visual Studio / .NET	Cloud Computing & Services	Data Management	Silverlight / WPF	Windows 8 / WinRT	Windows Phone
<b>Visual Studio Live! Pre-Conference Workshops: Monday, August 6, 2012</b> <i>(Separate entry fee required)</i>								
MWKS1 Workshop: SQL Server 2012 for Developers <i>Andrew Brust &amp; Leonard Lobel</i>			MWKS2 Workshop: HTML5 + Cloud - Reach Everyone, Everywhere <i>Eric D. Boyd</i>			MWKS3 Workshop: Services - WCF and ASP.NET Web API <i>Miguel Castro</i>		
<b>Lunch @ The Mixer - Visit the Microsoft Company Store &amp; Visitor Center</b>								
MWKS1 Workshop: SQL Server 2012 for Developers <i>Andrew Brust &amp; Leonard Lobel</i>			MWKS2 Workshop: HTML5 + Cloud - Reach Everyone, Everywhere <i>Eric D. Boyd</i>			MWKS3 Workshop: Services - WCF and ASP.NET Web API <i>Miguel Castro</i>		
<b>Visual Studio Live! Day 1: Tuesday, August 7, 2012</b>								
<b>Keynote: To Be Announced</b>								
T01 A Lap Around WPF 4.5 <i>Pete Brown</i>	T02 MVC For Web Forms Developers: Comparing and Contrasting <i>Miguel Castro</i>		T03 Best Kept Secrets in Visual Studio 2010 and .NET 4 <i>Deborah Kurata</i>		T04 Building Secured, Scalable, Low-latency Web Applications with the Windows Azure Platform <i>Ido Flatow</i>		T05 Microsoft Session To Be Announced	
T06 Introduction to Silverlight 5 <i>Pete Brown</i>	T07 Embracing HTTP with ASP.NET Web APIs <i>Ido Flatow</i>		T08 What's New in the .NET 4.5 BCL <i>Jason Bock</i>		T09 Tips & Tricks on Building Event Driven Architectures in Windows Azure with Service Bus <i>Nuno Godinho</i>		T10 Microsoft Session To Be Announced	
<b>Lunch - Visit Exhibitors</b>								
T11 WPF Validation - Techniques & Styles <i>Miguel Castro</i>	T12 IE 10 and HTML5: Tips for building fast Multi-Touch Enabled Web Sites <i>Ben Hoelting</i>		T13 Writing Asynchronous Code using .NET 4.5 and C# 5.0 <i>Brian Peek</i>		T14 What's New in Windows Azure 1 <i>Vishwas Lele</i>		T15 Microsoft Session To Be Announced	
<b>Sponsored Break - Visit Exhibitors</b>								
T16 Improve Your Code with Anonymous Types and Lambda Expressions <i>Deborah Kurata</i>	T17 Working with Client-Side HTML5 Storages <i>Gil Fink</i>		T18 Managing the .NET Compiler <i>Jason Bock</i>		T19 What's New in Windows Azure 2 <i>Vishwas Lele</i>		T20 Microsoft Session To Be Announced	
<b>Microsoft Ask the Experts &amp; Exhibitor Reception</b>								

For the complete session schedule and full session descriptions, please check the Visual Studio Live! Redmond web site at [vslive.com/redmond](http://vslive.com/redmond)

\*Speakers and Sessions Subject to Change.



## Agenda At-A-Glance (Wednesday)

Cross Platform Mobile	HTML5	Web	Visual Studio / .NET	Cloud Computing & Services	Data Management	Silverlight / WPF	Windows 8 / WinRT	Windows Phone
<b>Visual Studio Live! Day 2: Wednesday, August 8, 2012</b>								
<b>Keynote: To Be Announced</b>								
W01 <b>Metro Style Apps for Silverlight Developers</b> <i>Billy Hollis</i>	W02 <b>Introducing SQL Server Data Tools</b> <i>Leonard Lobel</i>	W03 <b>Team Foundation Service: TFS goes to the Cloud</b> <i>Brian Randell</i>	W04 <b>Visual Studio for Mobile Apps on iOS, Android and WP7</b> <i>Miguel de Icaza</i>	W05 <b>Microsoft Session To Be Announced</b>				
W06 <b>Windows 8 Metro Style Apps for the Enterprise</b> <i>Ben Hoelting</i>	W07 <b>T-SQL Enhancements in SQL Server 2012</b> <i>Leonard Lobel</i>	W08 <b>Top 10 Ways to Go from Good to Great Scrum Master</b> <i>Benjamin Day</i>	W09 <b>Using HTML5 to build Mobile Web Sites and Apps</b> <i>Jon Flanders</i>	W10 <b>Microsoft Session To Be Announced</b>				
<b>Luncheon Round Table - Visit Exhibitors</b>								
W11 <b>WinRT for Web Devs</b> <i>Ben Dewey</i>	W12 <b>SQL Azure Intro and What's New</b> <i>Eric D. Boyd</i>	W13 <b>10 Ways to Get Your Project Started Right</b> <i>Benjamin Day</i>	W14 <b>To Be Announced</b>	W15 <b>Microsoft Session To Be Announced</b>				
<b>Sponsored Break - Visit Exhibitors</b>								
W16 <b>Windows 8, the Live SDK, and SkyDrive</b> <i>Rockford Lhotka</i>	W17 <b>Tips &amp; Tricks to Build Multi-Tenant Databases with SQL Azure</b> <i>Nuno Godinho</i>	W18 <b>Storyboarding and User Feedback in Visual Studio 11</b> <i>Brian Randell</i>	W19 <b>What's New in WCF 4.5</b> <i>Ida Flatow</i>	W20 <b>Microsoft Session To Be Announced</b>				
<b>Evening Event @ Lucky Strikes Bellevue</b>								

For the complete session schedule and full session descriptions, please check the Visual Studio Live! Redmond web site at [vslive.com/redmond](http://vslive.com/redmond)

\*Speakers and Sessions Subject to Change.



## Agenda At-A-Glance (Thursday and Friday)

Cross Platform Mobile	HTML5	Web	Visual Studio / .NET	Cloud Computing & Services	Data Management	Silverlight / WPF	Windows 8 / WinRT	Windows Phone
<b>Visual Studio Live! Day 3: Thursday, August 9, 2012</b>								
TH01 <b>Filling up Your Charm Bracelet</b> <i>Ben Dewey</i>	TH02 <b>Microsoft's Big Play for Big Data</b> <i>Andrew Brust</i>	TH03 <b>Windows 8 Azure Services</b> <i>Rockford Lhotka</i>	TH04 <b>Getting Started with Windows Phone 7</b> <i>Scott Golightly</i>	TH05 <b>Microsoft Session To Be Announced</b>				
TH06 <b>Leveraging XAML for a Great User Experience</b> <i>Billy Hollis</i>	TH07 <b>Hadoop and its Ecosystem Components in Action</b> <i>Andrew Brust</i>	TH08 <b>I'm Not Dead Yet! AKA The Resurgence of Web Forms</b> <i>Philip Japikse</i>	TH09 <b>Porting iOS Applications to Windows Phone 7</b> <i>Al Pascual</i>	TH10 <b>Microsoft Session To Be Announced</b>				
TH11 <b>Blissful Separation of Concerns with MVVM in WPF</b> <i>Brian Noyes</i>	TH12 <b>Power View: Analysis and Visualization for Your Application's Data</b> <i>Andrew Brust</i>	TH13 <b>Building RESTful Services with WCF</b> <i>Jon Flanders</i>	TH14 <b>To Be Announced</b>	TH15 <b>Microsoft Session To Be Announced</b>				
<b>Lunch @ The Mixer - Visit the Microsoft Company Store &amp; Visitor Center</b>								
TH16 <b>Building Extensible XAML Client Apps</b> <i>Brian Noyes</i>	TH17 <b>Consuming and Publishing Data for Any Platform with OData</b> <i>Eric D. Boyd</i>	TH18 <b>Controlling ASP.NET MVC 4</b> <i>Philip Japikse</i>	TH19 <b>To Be Announced</b>	TH20 <b>Microsoft Session To Be Announced</b>				
TH21 <b>Maps in Silverlight, HTML5 and WinRT</b> <i>Al Pascual</i>	TH22 <b>Not Just a Designer: Code First and Entity Framework</b> <i>Gil Fink</i>	TH23 <b>To Be Announced</b>	TH24 <b>Making Money with Windows Phone</b> <i>Scott Golightly</i>	TH25 <b>Microsoft Session To Be Announced</b>				
<b>Visual Studio Live! Post-Conference Workshops: Friday, August 10, 2012 (Separate entry fee required)</b>								
FWKS1 <b>Workshop: Full Life Cycle with TFS and CSLA .NET</b> <i>Rockford Lhotka &amp; Brian Randell</i>						FWKS2 <b>Workshop: XAML UX Design</b> <i>Billy Hollis</i>		
<b>Lunch</b>								
FWKS1 <b>Workshop: Full Life Cycle with TFS and CSLA .NET</b> <i>Rockford Lhotka &amp; Brian Randell</i>						FWKS2 <b>Workshop: XAML UX Design</b> <i>Billy Hollis</i>		

For the complete session schedule and full session descriptions, please check the Visual Studio Live! Redmond web site at [vslive.com/redmond](http://vslive.com/redmond)

\*Speakers and Sessions Subject to Change.



## Track Descriptions

### Visual Studio / .NET

*session listings on page 14*

Everything rests on .NET, and .NET 4 has exciting new capabilities that apply to any type of .NET application, with .NET 4.5 adding compelling new features. Developers use tools such as Visual Studio and LightSwitch. Visual Studio 2010 and "VS11" provide powerful features around debugging, architecture and application lifecycle management (ALM). LightSwitch offers high levels of productivity for building business applications, and the VS11 version makes building data services a breeze. We'll give you the information you need to understand and leverage the power of .NET, Visual Studio, and LightSwitch today and into the future.

### Silverlight / WPF

*session listings on page 16*

Today's premier XAML based technologies are Silverlight and WPF. With the recent release of Silverlight 5, Silverlight gains substantially more capabilities for building smart client Windows applications, narrowing the gap between Silverlight and WPF. This track is all about XAML in both WPF and Silverlight, and offers you the opportunity to build your skills and knowledge around this key smart client technology. This track covers:

### Web

*session listings on page 17*

Web development technologies continue to evolve and improve, offering rich and powerful capabilities for software developers. Today Microsoft provides ASP.NET Web Forms and MVC, with traditional aspx and Razor page markup languages. These are supported by Visual Studio, WebMatrix, and Expression Web. In the near future, .NET 4.5 will provide substantial improvements to Web Forms, as well as other web technologies.

### This track covers:

- A lap around WPF 4.5
- What's new in Silverlight 5
- Model-View-ViewModel (MVVM) design pattern
- Web
- ASP.NET Web Forms
- ASP.NET MVC
- ASP.NET Web API

### Cloud Computing and Services

*session listings on page 19*

A growing number of IT practitioners believe the future of application development is service-based and in the cloud. Cloud computing offers flexible scalability and can provide a less expensive way to host many applications. Microsoft launched the Azure cloud computing platform in 2009 and continues to introduce major enhancements to it today. Even if you aren't ready for Azure yet, you owe it to yourself to become familiar with cloud computing and the services approach to development.

### This track includes coverage of the following:

- What's new in Windows Azure
- Azure architecture tips and tricks
- Programming in node.js
- Windows Azure Services for Windows 8
- WCF and the ASP.NET Web API (workshop)

### Data Management

*session listings on page 20*

With recent enhancements to SQL Azure and the release of SQL Server 2012, there's a lot of ground to cover in the data management sphere. New options, like Entity Framework Code First and Hadoop/Big Data require review and strategic evaluation. The Data Management track at Visual Studio Live! Redmond focuses on all of these technologies so you can integrate them into your environment sensibly and pragmatically.

### This track includes coverage of the following:

- SQL Server 2012
- SQL Azure
- Entity Framework Code First
- Microsoft's Big Data stack

### HTML5

*session listings on page 22*

HTML5 is an industry-wide phenomenon. Its influence extends not just to the Web but to every major mobile platform, and even to Windows 8. Along with JavaScript and jQuery, HTML5 skills are becoming indispensable to developing in almost any vendor environment and on every device form factor. The Visual Studio Live! Redmond HTML5 track helps you get up to speed on this important technology area with sessions and a workshop focusing on:

- General purpose HTML5 and JavaScript
- HTML5 client-side storage
- HTML5 and IE10 for developers

### Windows 8 / WinRT

*session listings on page 22*

Windows 8 and the Windows Runtime (WinRT) are coming. Are you ready for them? The new version of Microsoft's flagship product brings the Metro user interface and Live Tiles to tablet/slate devices, laptops and even desktop PCs. Apps for Windows 8 can be written with HTML and JavaScript, or XAML and C#/VB .NET, among other options. At Visual Studio Live! Redmond, we'll prepare you to build Windows 8 Metro-style apps, and understand the finer points of WinRT that will make them great.

### This track includes coverage of the following:

- Metro-style apps for Silverlight Developers
- Windows 8 Metro-style enterprise apps
- WinRT for Web developers



## Track Descriptions, continued

### ■ Windows Phone

session listings on page 23

Windows Phone (WP) version 7.5 now has more than 70,000 apps in its marketplace. Nokia's adoption of Windows Phone as its primary smartphone standard lends even more momentum to WP.

#### This track includes coverage of:

- Getting started with WP
- Porting iOS apps to WP
- Making money with WP

### ■ Cross Platform Mobile

session listings on page 24

Mobile clients are becoming a common way for users to interact with each other, their organizations, and their business applications. Mobile apps might be native client apps or mobile Web sites, and they often make use of cloud-based data and services.

#### This track includes:

- Building Android and iOS apps with Visual Studio
- Building mobile sites and apps with HTML5

**“Visual Studio Live! is very informative. It helps you know which products are most helpful for your particular needs and helps you sharpen your skills. I always have a good time and learn a lot!”**

*Sandie Rives, Programming Consultant,  
Southern Farm Bureau Life Insurance*

## Visual Studio Live! Full-Day Workshops

Begin and end your time at Visual Studio Live! with these all day information packed sessions.

### ■ MWKS1 Workshop: SQL Server 2012 for Developers – Intermediate

Andrew Brust & Leonard Lobel

Monday, August 6

9:00 a.m. – 6:00 p.m.

This full-day workshop will get you up to speed on powerful new features in SQL Server 2008, SQL Server 2008 R2, and (the upcoming) SQL Server 2012. Leni and Andrew will pull no punches as they rip through the most important SQL Server features for developers in this intensive demo-packed tour.

We'll start with the many enhancements made to T-SQL. Learn how to use table-valued parameters to marshal entire sets of rows across the network from client to server, and to pass them between your stored procedures and UDFs. Find out about MERGE, a powerful DML statement that combines the capabilities of four (or more) separate operations, and INSERT OVER DML, which enhances your ability to capture change data from the OUTPUT clause of any DML statement. Work with the latest date and time data types, which include support for time zone awareness. Then preview the T-SQL enhancements coming in SQL Server 2012, such as windowing (OVER clause) enhancements, 22 new functions, the THROW statement, server-side paging, the SEQUENCE object, and new metadata discovery techniques.

We'll then look at the business intelligence capabilities in SQL Server and related technologies, including Analysis Services Tabular mode; PowerPivot, Excel's BI capabilities and Excel Services; Reporting Services and its self-service Report Parts feature; Power View (formerly project "Crescent"); PerformancePoint Services; and a quick look at Master Data Services, Data Quality Services and StreamInsight. We'll look at each of these products separately and see how to use them together. We'll

also cover the basics of SQL Server Analysis Services' conventional MOLAP mode to set the context properly.

Then we'll examine the "beyond relational" features in SQL Server 2008, and the latest additions coming in SQL Server 2012. These features will get you thinking outside the box with respect to the types of data that can be managed by a relational database system. Learn how to use the new hierarchyid data type to cast a hierarchical structure over any relational table. Dig into FILESTREAM (and SQL Server 2012 FileTable) and learn how you can finally enjoy the native ability to store large binary objects in the file system transparently, and with full transactional capabilities. The geospatial data types enable you to integrate location-intelligence into the database, and we'll finish up by building several location-aware applications on top of these new data types.

You'll learn a ton of new SQL Server features in this information-packed day!

#### You will learn:

- T-SQL enhancements added to SQL Server 2008 and SQL Server 2012
- The latest BI features in SQL Server 2008 R2 and SQL Server 2012, including PowerPivot and enhancements to Reporting Services
- Unstructured data storage, including native file streaming, and the hierarchical and geospatial data types
- Preview new capabilities planned for the next version SQL Server (SQL Server 2012)

### ■ MWKS2 Workshop: HTML5 + Cloud - Reach Everyone, Everywhere – Introductory / Intermediate

Eric D. Boyd

Monday, August 6

9:00 a.m. – 6:00 p.m.

The web, more and more, is tightly integrated into our daily lifestyles. Our use of the web with social networking and rich media has increased radically over the past few years. Consumerization of sophisticated mobile devices



## Visual Studio Live! Full-Day Workshops, continued

has been one of the major drivers of that rapid growth. But the challenge for developers is the fragmentation of the mobile development ecosystem. Because of this fragmentation, you have to create mobile apps multiple times, with different programming languages and tools. And these mobile applications are different from the applications that target the desktops and browsers.

In this workshop, you will learn how to build modern web applications with HTML5 that users can access across their various platforms and devices. Write one and run everywhere is not a new goal, but it has been a challenging one to achieve. HTML5 is in a great position to be the technology that achieves this goal with standards adoption across vendors, platforms and devices.

When you consider the user experience that is expected of HTML5 applications, it becomes apparent that there are services beyond HTML5, CSS3 and JavaScript that are needed. This is where the Cloud and Windows Azure comes into the picture.

During this workshop, Eric will show you how to get started building modern web applications with HTML5. Eric will also walk through Windows Azure and how to use the Windows Azure Platform to provide the experience that users expect of modern web apps.

### You will learn:

- Overview of HTML5 and the supporting technologies
- How to create modern web applications with HTML5
- When and how to utilize the Cloud in your HTML5 apps

### ■ MWKS3 Workshop: Services - Using WCF and ASP.NET Web API

**Miguel Castro**

Monday, August 6

9:00 a.m. – 6:00 p.m.

Service Oriented Architectures are the best way to ensure that today's applications are maintainable and scalable in a volatile world filled with ever-changing demands. Decomposing your systems into smaller, loosely coupled,

and more autonomous components ensures that your application can continue to grow or change without having to continuously undergo rewrites or redesigns. But with great power comes great responsibility, and the need for great technology and tooling. Windows Communication Foundation is the heart of Microsoft's stack for building connected systems and loosely coupled components. ASP.NET Web API is the latest addition to this stack in a world where REST and its interoperable power becomes more necessary and in more demand. Come learn both of these technologies and how to properly use them, either apart or together. There's a place for SOAP and there's a place for REST, and many applications benefit from using them both. I'll teach you what a Service Oriented Architecture is and how to use WCF from service design to security. Then I'll show you how your application can expose a RESTful API and allow anybody to write a client for it, no matter what technology they're using.

### ■ FWKS1 Workshop: Full Life Cycle with TFS and CSLA .NET – Intermediate

**Rockford Lhotka & Brian Randell**

Friday, August 10

8:00 a.m. – 5:00 p.m.

Do you want to build business code that is reusable across .NET, Silverlight, Windows Phone, and other platforms such as the new Windows Runtime (WinRT) in Windows 8? And do you want to manage your application lifecycle process using the powerful tools built into Visual Studio and supported by Team Foundation Server (TFS)? If so, then this workshop is for you!

Creating maintainable and reusable business code is at the heart of the open source CSLA .NET development framework. In this workshop you'll see an end-to-end example of building applications for .NET, Silverlight, Windows Phone, and WinRT—where all those applications reuse the same business and data access code.

At the same time, you will learn how to efficiently

manage the application development lifecycle as part of this end-to-end process. You'll see how you manage your application development process, step by step, demonstrating how to fully leverage TFS and the ALM features of Visual Studio including version control, work items (bugs, tasks, and requirements) and builds. So come spend the day with Rocky and Brian and see what great things you can build.

### ■ FWKS2 Workshop: XAML UX Design

**Billy Hollis**

Friday, August 10

8:00 a.m. – 5:00 p.m.

If you develop software specifically for the Microsoft platform, you have a stark choice. You can keep on creating the same kinds of user experiences you've always done, and be left behind the same way DOS programmers were. Or you can learn new principles, embrace new techniques, and create modern applications with higher productivity, lower training, and higher user satisfaction. This workshop was created to give you an entry point to the second path. It travels territory unfamiliar to most XAML developers – fundamental design principles rooted in the human brain, new ways of storyboarding and prototyping user interfaces, and ways to combine left-brained analytical power with right-brained intuition and design. You'll see examples of next generation applications, and do interactive exercises to start down the path of creating such applications yourselves.

**“Visual Studio Live! was a great place to learn about many different subjects in a very little time. It was great fun to be on the Microsoft Campus too.”**

*Swaroop Panda, Integration Architect, Hess Corporation*

## Session Descriptions by Track

### VISUAL STUDIO / .NET

Everything rests on .NET, and .NET 4 has exciting new capabilities that apply to any type of .NET application, with .NET 4.5 adding compelling new features. Developers use tools such as Visual Studio and LightSwitch. Visual Studio 2010 and “VS11” provide powerful features around debugging, architecture and application lifecycle management (ALM). LightSwitch offers high levels of productivity for building business applications, and the VS11 version makes building data services a breeze. We'll give you the information you need to understand and leverage the power of .NET, Visual Studio, and LightSwitch today and into the future.

#### ■ T03 Best Kept Secrets in Visual Studio 2010+ and .NET 4+ – Introductory / Intermediate

Deborah Kurata

Tuesday, August 7

9:45 – 11:00 am

This talk covers those really cool but lesser known features in Visual Studio 2010 and .NET 4.0 that can make you more productive every day. It also covers some of the VS 11 and .NET 4.5 features.

For example, did you know that you can block edit code in Visual Studio? How about all of those new search features? Have you tried out the generate from usage feature? Ever try a Shift-Click on the text editor scroll bar? This talk covers these topics and much more.

#### You will learn:

- How to use Visual Studio more effectively
- How to be more productive with your Visual Studio tools
- To say “I didn't know you could do that”

#### ■ T08 What's New in the .NET 4.5 BCL – Intermediate

Jason Bock

Tuesday, August 7

11:15 a.m. – 12:30 p.m.

With the upcoming release of the 4.5 version of the .NET Framework, there's a lot to take in. In this talk, we'll focus on the additions to the next version of the .NET Framework, such as asynchronous I/O, reflection, and exceptions. We'll also cover key breaking changes that may affect your current code base.

#### You will learn:

- Gain an understanding of the new APIs available to .NET developers
- See what's been changed in 4.5 that may affect current code
- Use this knowledge to move effectively into the next version of .NET

#### ■ T13 Writing Asynchronous Code using .NET 4.5 and C# 5.0 – Introductory / Intermediate

Brian Peek

Tuesday, August 7

2:30 – 3:45 p.m.

A variety of new features were added to the .NET 4.5 Framework, including support for easily writing asynchronous code. This session will introduce the concepts of asynchronous programming, .NET Tasks, how to ensure your UI remains responsive, and how to do all of this properly in your own applications using the new async and await keywords. If you're looking for ways to provide a better, smoother experience for your users, don't miss this session!

#### You will learn:

- Introduction to async programming concepts
- Introduction to the new async language features of C#5/.NET4
- Ways to use these features to create a better user experience

#### ■ T18 Managing the .NET Compiler – Intermediate / Advanced

Jason Bock

Tuesday, August 7

4:15 – 5:30 p.m.

With the public release of Project Roslyn, Microsoft has finally let .NET developers get access to their long-awaited compiler APIs. The potential impact of having a compiler API available for all developers is immense. In this session, you'll get a tour of the elements behind this new API, such as syntax trees and engines, and how you can use them in code analysis and metaprogramming techniques.

#### You will learn:

- Get a thorough walkthrough of the Roslyn APIs
- See how using these new compiler APIs can open up new opportunities for developers to improve their code
- Learn how compilers work at a basic level and what Roslyn brings to table to make that usage easier

**“I have been extremely impressed with the VSLive! Conference and Microsoft campus. The Silverlight, WPF, and XAML classes have been very informative and have made me excited to go home to get coding. I strongly recommend this conference and enjoyed presentations by Billy Hollis and Rocky [Lhotka]. The “tips and tricks” sessions were also helpful in realizing how things are changing in VS for the best!”**

*Jacob Long, Sr. Developer Analyst, Levi, Ray, & Shoup, Inc.*



## Session Descriptions by Track, continued

### ■ W03 Team Foundation Service: TFS Goes to the Cloud – Intermediate / Advanced

**Brian Randell**

Wednesday, August 8

9:15 – 10:30 a.m.

TFS is somewhat like a puppy. A wonderful thing, until you have to care for it and feed it. Would you love to have the goodness of your very own TFS installation yet not have to do all the maintenance? Well Team Foundation Service, Microsoft's new hosted on Windows Azure version of TFS is for you. In this session, Brian will share with you how to onboard your team, define and manage your work with the new web based tools including task boards and work items, version control and build. Brian will show you how he and his team have used Team Foundation Service for development among a distributed team including running automated tests using Visual Studio Lab Management and an on-premise virtual lab.

#### You will learn:

- What Team Foundation Service is
- Why you should use it
- How to use it

### ■ W08 Top 10 Ways to Go from Good to Great Scrum Master

**Benjamin Day**

Wednesday, August 8

10:45 a.m. – 12:00 p.m.

The Scrum Master role in an organization can be difficult. You live between a rock and a hard place. You're influential but you probably don't have any real power. You're not a project manager but you're on the hook for delivering. You're asked to promise dates when the best you can give is a forecast. You're long on responsibility and short on power. (Awesome.) But you do it because it's

a great job, right? There's nothing like helping your team come together and deliver actual working software.

It takes a special kind of person to be Scrum Master - Nerves of steel, a lot of finesse, and some ridiculously great people skills. It's a lot of knowing what to look for and knowing how to fix it. Even better if you can anticipate issues and get in front of them. What can you do to help keep everything on track? How do you have the difficult conversations when things are 'sub-optimal'? From that lazy guy on your team, to the Product Owner who doesn't like to estimate, to you losing your mind because you're always picking up the slack. How do you help your team to solve problems and really sing? You're a good Scrum Master. Come find out how to be great.

#### You will learn:

- As a Scrum Master or an aspiring Scrum Master, how do you get in front of problems? What should you be looking for?
- How often should a Scrum Master be talking to the Team, Product Owner, etc? What should they be talking about?

### ■ W13 10 Ways to Get Your Project Started Right – Intermediate / Advanced

**Benjamin Day**

Wednesday, August 8

1:30 – 2:45 p.m.

We've all been on projects that suck, right? The team is super late. You're working 27 hours per day, 9 days a week and you don't have a prayer of delivering even close to on-time or on-budget. Everyone knows (but no one dares mention) that the code is garbage. You can't even get a stable demo build. Your boss is angry. The customer is beyond angry. You hate your life and it's bad, kid. Real bad.

Ever stop to think about how the project got that way? I mean, no one ever starts a new project thinking yup, this one's definitely going to eat it.

In this session, we'll talk about 10 different things you can do to get your project started right. From thoughts on databases, to automated builds, to requirements management, to just what the heck "done" means. We'll cover these and more so you can do things right the first time and avoid yet another disaster project.

#### You will learn:

- Start from best practices rather than adding them when things go wonky. (e.g. create an automated, continuous integration build before you do your first check-in)
- No shared development databases and no test data...EVER.

### ■ W18 Storyboarding and User Feedback in Visual Studio 11 – Intermediate

**Brian Randell**

Wednesday, August 8

3:15 – 4:30 p.m.

Building the right user experience for your users requires that you define the user interface and workflow in a way that solves their needs. In the past, developers have tried to prototype the UI using the actual tooling that they planned to build the application in. However, rather than make the process better; it made it worse by confusing users about quality of the application and overall readiness. In the next release of Visual Studio, Microsoft is introducing a new storyboarding tool that you can use to define the user experience and workflow of a new application that's independent of the final implementation details. You'll see how to use it, create a feedback cycle, and link it into Team Foundation Server.

#### You will learn:

- Why you should gather more feedback
- How to storyboard with the new tools
- How to gather feedback

## Session Descriptions by Track, continued

### SILVERLIGHT / WPF

Today's premier XAML based technologies are Silverlight and WPF. With the recent release of Silverlight 5, Silverlight gains substantially more capabilities for building smart client Windows applications, narrowing the gap between Silverlight and WPF. This track is all about XAML in both WPF and Silverlight, and offers you the opportunity to build your skills and knowledge around this key smart client technology.

#### This track covers:

- Silverlight and WPF
- A lap around WPF 4.5
- What's new in Silverlight 5
- Model-View-ViewModel (MVVM) design pattern

#### ■ T01 A Lap Around WPF 4.5

**Pete Brown**

Tuesday, August 7

9:45 – 11:00 a.m.

WPF 4.5 includes a number of targeted enhancements to help your applications perform and integrate better. During this session, we'll take a romp through the new and updated features in the latest release of WPF.

#### ■ T06 Introduction to Silverlight 5

**Pete Brown**

Tuesday, August 7

11:15 a.m. – 12:30 p.m.

Come see what's new and exciting with Silverlight 5. Learn about features for business application development, visualization, graphics, and casual gaming. In this demo- and code-focused developer session, we hit the major new features in Silverlight 5 from 3d to templates to binding improvements, sound effects, and more, and get you well on your way to being productive with the latest release of Silverlight.

#### You will learn:

- How to use the new features in Silverlight 5

#### ■ T11 WPF Validation - Techniques & Styles – Introductory / Intermediate

**Miguel Castro**

Tuesday, August 7

2:30 – 3:45 p.m.

Of all the things that WPF gives us, a validation framework is not one of them. There are a few different ways of capturing validation information and providing rules for validation and there are many ways of displaying broken validation rules. In this session, I'll show you what WPF offers in the area of validation, how to include validation in your View-Models when using MVVM, and a few different styles for elegantly reporting validation errors to the user.

#### You will learn:

- Various validation offerings
- MVVM-based validation
- Custom WPF styling

#### ■ T16 Improve Your Code with Anonymous Types and Lambda Expressions – Introductory / Intermediate

**Deborah Kurata**

Tuesday, August 7

4:15 – 5:30 p.m.

Easily bind your WinForms, WPF, or Silverlight UI to any set, subset or joined set of data using anonymous types and Lambda expressions. This session will show you how. We'll start with an overview of anonymous types and how to use them in grouping and binding data. Then we'll look at Lambda expressions and how to use them to filter, sort, and search through your data. Along the way, we'll cover tips and tricks for improving your code with anonymous types and lambda expressions.

#### You will learn:

- Understand the benefits and limitations of anonymous types
- Learn syntax and best practices for working with Lambda expressions
- Improve your code by leveraging the power of anonymous types and Lambda expressions

#### ■ TH11 Blissful Separation of Concerns with MVVM in WPF – Intermediate

**Brian Noyes**

Thursday, August 9

11:00 am – 12:15 pm

The Model-View-ViewModel (MVVM) pattern has become the predominate UI separation pattern for XAML smart client applications including WPF, Silverlight, and even in WinRT/Metro. MVVM lets you separate out the responsibilities of structuring the view, supporting user interaction logic, and defining the data model and rules around it into clean layers in the presentation tier. In this talk you will learn about the basic implementation patterns of MVVM - which layer is responsible for what code. You will see how to leverage the rich features of data binding, commands, and validation in WPF to have rich interactive screens for the user but never end up in the hell of spaghetti code-behind. You'll also get some brief exposure to some of the toolkits such as Prism and MVVM Light that are available to make implementing the MVVM pattern easier.

#### You will learn:

- What goes in the view, the view model, and the model
- How to move data through the view model to the view
- How to structure user interaction logic in view models with commands



## Session Descriptions by Track, continued

### TH16 Building Extensible XAML Client Apps

Brian Noyes

Thursday, August 9

2:45 – 4:00 pm

Designing extensible XAML client applications with WPF, Silverlight and Metro involves a lot more than just knowing how to load a plug in interface to invoke some functionality. You need to be able to add whole new sets of functionality including a data model, logic, and views for presentation. And if you do it right, you should be able to do all that without disturbing or even changing any of the core application logic or other views. This session will show you how you can achieve that with a combination of the Managed Extensibility Framework (MEF), the MVVM design pattern, and a little bit of help from the Prism Framework. You will learn how to set up a little bit of base class infrastructure in the core application that can then be easily built upon with extensions. You'll see how you can plug in views and view models and model objects and still have those integrated with existing parts of the application they are plugged into, but in a loosely coupled way. You'll walk away with a baseline architecture and sample code for achieving it that will let you grow and extend your WPF and Silverlight client apps over time without needing to constantly crack open the core code and do surgery to add new features. You'll also see what the path to building similar applications in Metro looks like.

#### You will learn:

- To leverage MEF, MVVM, and Prism to build extensible applications.
- To compose parent-child relationships in views so that you can plug in new user interface elements without the parent being coupled to the child views.
- To add whole new sets of functionality by plugging them in with Prism modules and regions.

### TH21 Maps in Silverlight, HTML 5 and WinRT – Introductory / Intermediate

Al Pascual

Thursday, August 9

4:15 – 5:30 pm

This session will show how to display information using maps and how they can help visualize your data. You'll see how to create and display a map consuming information from different sources as well as many samples in Silverlight, HTML 5 and WinRT using the new features provided by the new technology. Learn how to consume geographic data from the web. Watch a really exciting presentation of real-time earthquakes, hurricanes and geographic disasters.

#### You will learn:

- To display reports in a geographic way



## WEB

Web development technologies continue to evolve and improve, offering rich and powerful capabilities for software developers. Today Microsoft provides ASP.NET Web Forms and MVC, with traditional aspx and Razor page markup languages. These are supported by Visual Studio, WebMatrix, and Expression Web. In the near future, .NET 4.5 will provide substantial improvements to Web Forms, as well as other web technologies.

#### This track covers:

- ASP.NET Web Forms
- ASP.NET MVC
- ASP.NET Web API

### T02 MVC for Web Forms Developers: Comparing and Contrasting – Introductory / Intermediate

Miguel Castro

Tuesday, August 7

9:45 – 11:00 a.m.

ASP.NET MVC has been received by a certain part of the development community with an almost zealotry aspect, and by others with extreme speculation and even fear. As a web forms die-hard, it took Miguel a while to eventually get to MVC, but the truth is that he really does like it. No, he doesn't think it is the end-all to web development and he still has a lot of love for web forms, but the more he uses ASP.NET MVC, the more he gets used to it. In this session, Miguel will introduce you to the platform, and by providing frames of reference with web forms, hopefully providing you with the pluses and minuses of both platforms.

#### You will learn:

- Intro to MVC
- Comparisons of its components to WebForm components
- Advantages and disadvantages of both

## Session Descriptions by Track, continued

### T07 Embracing HTTP with ASP.NET Web APIs – Intermediate / Advanced

Ido Flatow

Tuesday, August 7

11:15 a.m. – 12:30 p.m.

If you've ever developed web applications you've been in this situation – In order to create a service that exposes your resources over HTTP, you plan on adopting the REST architectural style, use URI templates, support multiple content types and control client-side cache. And to top it all off, you want your service to be easily creatable and highly testable. So which technology do you choose? The new ASP.NET Web APIs of course. With the new Web APIs you can do all of the above, and still have plenty of time left for a cup of coffee.

In this session we will see how to create HTTP services with the ASP.NET Web APIs, how to test them, and how to consume them from various clients.

#### You will learn:

- How to create new web services with the ASP.NET Web APIs
- How to create resource-oriented services using HTTP verbs and URI templates
- How to consume services from clients, define cache policies, and handle concurrency

### TH08 I'm Not Dead Yet! AKA The Resurgence of Web Forms – Introductory / Intermediate

Philip Japikse

Thursday, August 9

9:30 – 10:45 a.m.

Despite the rumors to the contrary, ASP.NET WebForms hasn't ridden off into the sunset. WebForms and the ASP.NET core Runtime has received a lot of love in the .NET 4.5! In this session, I will take you through as many of these new features that we can fit into one session and show you that WebForms is far from "legacy".

#### You will learn:

- Learn the new features in ASP.NET Core Runtime 4.5
- Learn the new features in ASP.NET WebForms 4.5
- Learn that WebForms hasn't been knocked off by ASP.NET MVC

### TH13 Building RESTful Services with WCF – Introductory / Intermediate

Jon Flanders

Thursday, August 9

11:00 a.m. – 12:15 p.m.

REST is an architectural style for building services. It has been popular outside of the Microsoft development community for many years, and is quickly becoming the de facto standard inside, as well. Microsoft has enabled this style of services with new programming model and runtime enhancements in Windows Communication Foundation (WCF) 3.5. This programming model enables developers to build Services using a RESTful architecture. In this session we cover the basics of REST, how to build this type of service using WCF 3.5, and about the other features (such as AJAX/JSON, Feeds, and WCF Data Services) that this Web programming model enables.

#### You will learn:

- What REST is
- Understand how to use WCF to build RESTful services
- Learn about WCF Data Services

### TH18 Controlling ASP.NET MVC 4 – Introductory / Intermediate

Philip Japikse

Thursday, August 9

2:45 – 4:00 p.m.

ASP.NET MVC4 brings a whole new level of hotness to the web stack. From all of the new mobile features, the Web API, and improved templates, just to name a few. In

this session, I will take you through these and the rest of the new features, and how to take advantage of them in existing projects as well as greenfield development.

#### You will learn:

- Learn the new features in ASP.NET MVC4
- Learn how to incorporate the new features in existing projects
- Learn how to develop apps for mobile with ASP.NET MVC4



## Session Descriptions by Track, continued

### CLOUD COMPUTING AND SERVICES

A growing number of IT practitioners believe the future of application development is service-based and in the cloud. Cloud computing offers flexible scalability and can provide a less expensive way to host many applications. Microsoft launched the Azure cloud computing platform in 2009 and continues to introduce major enhancements to it today. Even if you aren't ready for Azure yet, you owe it to yourself to become familiar with cloud computing and the services approach to development.

#### This track includes coverage of the following:

- What's new in Windows Azure
- Azure architecture tips and tricks
- Programming in node.js
- Windows Azure Services for Windows 8
- WCF and the ASP.NET Web API (workshop)

### ■ T04 Building Secured, Scalable, Low-latency Web Applications with the Windows Azure Platform – Advanced

**Ido Flatow**

*Thursday, August 9*

*8:00 – 9:15 a.m.*

We always hear tips about the patterns and practices of building web applications with Windows Azure, it's time we see how it is done!

In this session we will construct a secured, durable, scalable, low-latency web application with Windows Azure - Compute, Storage, CDN, ACS, Cache, SQL Azure, Full IIS, WCF and more.

This is a no-slides presentation!

#### You will learn:

- Learn how to secure web applications with Windows AppFabric Access Control Service
- Learn how to use blob storage and CDN with web applications
- Learn how to use Azure AppFabric cache

### ■ T09 Tips & Tricks on Building Event Driven Architectures in Windows Azure with Service Bus

**Nuno Godinho**

*Tuesday, August 7*

*11:15 a.m. – 12:30 p.m.*

Being Event-Driven Architectures one very important pattern that helps our solutions became better and more integrated, is also very important to know how we can build then using Windows Azure. In this session we'll look at all the capabilities of Event-Driven Architectures and explain attendees all the tips & tricks needed to efficiently build this kind of solutions, and also how to take the most of Windows Azure. We'll look from a perspective in which the solution is reacting to what is happening in the organization, and also how to use Service Bus to achieve a better performance and cost effective solution.

#### You will learn:

- How to use Service Bus Eventing and Messaging to build Event Driven Solutions in Windows Azure

### ■ T14 What's New in Windows Azure

**Vishwas Lele**

*Tuesday, August 7*

*2:30 – 3:45 p.m.*

Finding it difficult to keep up with the avalanche of recent Windows Azure announcements? In this 75 minute session we will not only summarize the key enhancements but also discuss ways to make best use of these enhancements. We will take a deeper look at these enhancements by walking through a number of demonstrations.

### ■ T19 What's New in Windows Azure 2

**Vishwas Lele**

*Tuesday, August 7*

*4:15 – 5:30 p.m.*

Microsoft has committed significant resources towards the development of Node.js within the open source community. In this session, we will see what Windows Azure and Node.js together can provide for developers who want to use it to build Windows Azure based applications. We'll dive into Windows Azure's support for Node and using Windows Azure's scalable storage from any Node application.

### ■ W19 What's New in WCF 4.5

**Ido Flatow**

*Wednesday, August 8*

*3:15 – 4:30 p.m.*

Windows Communication Foundation (WCF) is one of the leading technologies for building distributed applications. WCF 4.5 which ships with the new .NET 4.5 and Visual Studio 11 introduces many new features that both simplifies the way we create services and enables us improve the way our services work.

In this session we will see many of the new features offered by WCF 4.5 - configuration intellisense, cleaner configuration for IIS, UDP and WebSockets supports, and many more.

### ■ TH03 Windows 8 Azure Services – Intermediate

**Rockford Lhotka**

*Thursday, August 9*

*8:00 – 9:15 a.m.*

The new Windows 8 Metro style app model may be primary future of smart client software development on the Microsoft platform. Windows Azure is Microsoft's cloud services platform. Used together, Windows 8 and Azure allow you to build compelling apps for mobile, laptop, and desktop computers. In this session you will

## Session Descriptions by Track, continued

learn how to use the Windows Azure Toolkit for Windows 8 to build Azure services and Windows 8 client apps.

### DATA MANAGEMENT

With recent enhancements to SQL Azure and the release of SQL Server 2012, there's a lot of ground to cover in the data management sphere. New options, like Entity Framework Code First and Hadoop/Big Data require review and strategic evaluation. The Data Management track at Visual Studio Live! Redmond focuses on all of these technologies so you can integrate them into your environment sensibly and pragmatically.

#### This track includes coverage of the following:

- SQL Server 2012
- SQL Azure
- Entity Framework Code First
- Microsoft's Big Data stack

#### ■ W02 Introducing SQL Server Data Tools

Leonard Lobel

Wednesday, August 8

9:15 – 10:30 a.m.

Application developers, get ready for a brand new database development environment! With the release of SQL Server 2012, the new SQL Server Data Tools (SSDT, codename "Jun-eau") serves as your primary development environment for building Windows and Web applications on top of SQL Server. While SQL Server Management Studio (SSMS) continues to serve as the primary tool for database administrators, SSDT plugs in to Visual Studio as a new database project type designed specifically for the .NET application developer.

With SSDT, developers can finally enjoy building database applications without constantly switching between Visual Studio and SSMS. In this session, Lenni will demonstrate how SSDT can be used to develop for (and deploy to) on-premise and SQL Azure databases. In addition to replicating most of the functionality found in SSMS, you will learn how to use features such as code navigation, IntelliSense, and refactoring with your database model—indispensable tools previously available only for application development in Visual Studio. We'll also cover the new declarative model that allows you to design databases offline and under source control right from within solution in Visual Studio. Don't miss out on this demo-centric information-packed session on the next generation of database tools for application developers!

#### You will learn:

- The declarative model-based approach used in the next generation of SQL Server tools for developers
- The various services that power the new tools (explorer, designers, schema compare, local database runtime, language services, debugging, and buffered editing)
- See live demonstrations of how to design, test, and deploy on-premises databases, offline database projects, and SQL Azure databases in the cloud all from inside Visual Studio

#### ■ W07 T-SQL Enhancements in SQL Server 2012

Leonard Lobel

Wednesday, August 8

10:45 a.m. – 12:00 p.m.

In this informative and demo-packed session, Lenni will guide you through the T-SQL enhancements in the very latest release of SQL Server. We'll dive into powerful new windowing enhancements with the OVER clause, new T-SQL functions (all 22 of them!), improved error handling with THROW, server-side paging with OFFSET/FETCH NEXT, sequence generators, rich metadata discovery

techniques, and contained databases. If you want to learn the new T-SQL enhancements in SQL Server 2012, you won't want to miss out on this session!

#### You will learn:

- New T-SQL features in SQL Server 2012
- Examine 22 new T-SQL functions, including 8 new analytic windowing functions
- Explore OVER, THROW, OFFSET, metadata discovery, and contained databases

#### ■ W12 SQL Azure Intro and What's New – Introductory / Intermediate

Eric D. Boyd

Wednesday, August 8

1:30 – 2:45 p.m.

Windows Azure provides many options for storing data. SQL Azure is Windows Azure's solution for working with relational data. If you are familiar with SQL Server, SQL Azure will be a natural extension of your knowledge and skills.

In this session, you will get introduced to SQL Azure and learn how to get started. We will explore how to migrate an existing on-premise SQL Server database to SQL Azure. We will then walkthrough how to manage and administer your SQL Azure servers and databases. We will take a look at how to connect and build applications using SQL Azure. Next, we will look at more advanced scenarios using new capabilities like reporting with SQL Azure Reporting, scaling and sharing databases with SQL Azure Federations and synchronizing data with SQL Azure Data Sync for hybrid scenarios and global reach. Finally, we will explore some of the things you should consider when using SQL Azure.

#### You will learn:

- Overview of SQL Azure
- How to Get Started with SQL Azure
- Tools and Techniques when using SQL Azure
- What's New in SQL Azure



## Session Descriptions by Track, continued

### ■ W17 Tips & Tricks to Build Multi-Tenant Databases with SQL Azure

**Nuno Godinho**

Wednesday, August 8

3:15 – 4:30 p.m.

In this session we'll look at ways we can achieve Multi-Tenancy with SQL Azure, and how that can be integrated with the work performed while scaling out SQL Azure, using SQL Azure Federations, and other third party frameworks like Enzo Framework.

#### You will learn:

- Best Practices to Build Multi-Tenant Databases in SQL Azure
- How choose the correct Multi-Tenant Approach

### ■ TH02 Microsoft's Big Play for Big Data – Intermediate

**Andrew Brust**

Thursday, August 9

8:00 – 9:15 a.m.

Big Data entails collecting and analyzing large volumes of data obtained from Web, social media, scientific and other pools of fast-growing event-driven data. Relational databases are rarely employed in big data scenarios, so using SQL Server for big data can be tricky. In response, Microsoft has announced its planned implementation of Windows Server and Windows Azure implementations of Hadoop, the open source NoSQL engine widely used in Big Data implementations. And the plot thickens as Microsoft has also announced its plan to fit SQL Server business intelligence (BI) tools on top of Hadoop, to make the analysis part of Big Data work with familiar and accessible Microsoft technologies. Come to this session to get an overview of Big Data, Hadoop and the Microsoft BI stack integration. See how your skills can be applied to this rapidly growing part of the industry.

### ■ TH07 Hadoop and its Ecosystem Components in Action

**Andrew Brust**

Thursday, August 9

9:30 – 10:45 a.m.

It's one thing to have a high-level understanding of Big Data, Hadoop and MapReduce; it's quite another to feel comfortable working with the tools. In this demo-heavy session with VSLive Co-Chair and ZDNet Big Data blogger Andrew Brust, we'll take a look at actual MapReduce code and see Hadoop ecosystem components HBase, Hive, Pig and Mahout in action.

### ■ TH12 Power View: Analysis and Visualization for Your Application's Data – Intermediate

**Andrew Brust**

Thursday, August 9

11:00 a.m. – 12:15 p.m.

If you're a developer on the Microsoft stack, visual data analysis may seem like a specialized capability that you don't have the time or skills for. But now you can enable visualized analysis of your application's data, in an actionable way, with Microsoft Power View (formerly project "Crescent"), which will ship as part of SQL Server 2012.

Implemented in Silverlight, based on Reporting Services technology, and running inside SharePoint, Power View offers unprecedentedly impactful data visualizations, contextual filtering with visual transitions and animated "play axis" bubble charts. It also collapses authoring and viewing into a single, fluid interaction that actually makes data analysis fun.

This session will cover Power View in soup-to-nuts fashion. We'll look at visualizations, filtering, visual "multipliers" and embedding important metadata in your data models. We'll also cover how to take your databases and make them Power View-ready, using Microsoft's PowerPivot and SQL Server Analysis Services. Feel behind on BI and Analytics? Then come to this one session and leave feeling caught up.

### ■ TH17 Consuming and Publishing Data for Any Platform with OData

**Eric D. Boyd**

Thursday, August 9

2:45 – 4:00 p.m.

The amount of data stored today is growing at a rapid rate. However, data is only valuable if it is accessible and can be consumed by people and systems. OData is an open protocol for sharing data that is positioned to solve this problem. OData uses the standard HTTP protocol using REST principles to make data accessible and has huge industry momentum with rapid adoption growth. In this session, we will explore what OData is all about and how to expose relational and non-relational data as OData using WCF Data Services. We will then walkthrough developing apps to consume the OData feeds from multiple clients and platforms including mobile devices. Finally, we will take a look at how you can benefit from publishing your OData services to Windows Azure.

#### You will learn:

- Overview of OData
- How to consume OData feeds from multiple platforms and devices
- How to create OData feeds using WCF Data Services
- The benefits of using OData with the cloud and Windows Azure

**"This is a great conference to learn about the newer technologies and to get to know the people who are experts in the field. It is also a time to network with other people/companies that have similar interests."**

*Mauanne Jennings, Business/Technology Analyst, Jennings Information Systems*



## Session Descriptions by Track, continued

### ■ TH22 Not Just a Designer: Code First and Entity Framework – Intermediate

**Gil Fink**

Thursday, August 9

4:15 – 5:30 p.m.

Entity Framework 4 brought many new opportunities for building complex data driven applications. Code First is a new Entity Framework capability that provides a code-centric experience for interacting with models and databases. This session will cover several Entity Framework features such as Code First, and provide an overview for what to expect from Entity Framework vNext.

#### You will learn:

- What is Code First and how to use it
- What is Entity Framework's DbContext API
- Explore some of the new features to expect from vNext of Entity Framework

## HTML5

HTML5 is an industry-wide phenomenon. Its influence extends not just to the Web but to every major mobile platform, and even to Windows 8. Along with JavaScript and jQuery, HTML5 skills are becoming indispensable to developing in almost any vendor environment and on every device form factor. The Visual Studio Live! Redmond HTML5 track helps you get up to speed on this important technology area with sessions and a workshop focusing on:

- General purpose HTML5 and JavaScript
- HTML5 client-side storage
- HTML5 and IE10 for developers

### ■ T12 IE 10 and HTML5: Tips for Building Fast Multi-Touch Enabled Web Sites

**Ben Hoelting**

Tuesday, August 7

2:30 – 3:45 p.m.

New versions of Internet Explorer have been released into the wild. IE supports the latest WC3 standards for HTML5. It also has many additional features that developers can take advantage of. This session will start by defining HTML5/IE and why it is a game changer in the web world. Next we will discuss what HTML5/IE brings to the developers toolbox and how it works with Visual Studio. Finally, we will discuss the timeline for broad adoption of these technologies, what features you can take advantage of today and how you can prepare for the future.

#### You will learn:

- The power of IE and HTML5
- IE/HTML5 developer features and why they are important
- How Visual Studio 2010 can build HTML5 enabled websites
- What IE/HTML5 features are ready today and what the future may bring

### ■ T17 Working with Client-Side HTML5 Storages – Introductory / Intermediate

**Gil Fink**

Tuesday, August 7

4:15 – 5:30 p.m.

HTML is the markup language that every web developer uses in order to structure and present content in the Internet. HTML5 is the standard that is being shaped and developed currently. It extends and improves the last HTML4 standard and takes it to the next level with support for multimedia, communication, semantics and more. In this session we will discuss the new storage options that HTML5 brings and how to use them.

#### You will learn:

- Learn how to use Application Cache
- Learn how to use session and local storage
- Learn how to mix both of the features in web applications

## WINDOWS 8 / WINRT

Windows 8 and the Windows Runtime (WinRT) are coming. Are you ready for them? The new version of Microsoft's flagship product brings the Metro user interface and Live Tiles to tablet/slate devices, laptops and even desktop PCs. Apps for Windows 8 can be written with HTML and JavaScript, or XAML and C#/VB .NET, among other options. At Visual Studio Live! Redmond, we'll prepare you to build Windows 8 Metro-style apps, and understand the finer points of WinRT that will make them great.

#### This track includes coverage of the following:

- Metro-style apps for Silverlight Developers
- Windows 8 Metro-style enterprise apps
- WinRT for Web developers

### ■ W01 Metro Style Apps for Silverlight Developers

**Billy Hollis**

Wednesday, August 8

9:15 – 10:30 a.m.

If you're already familiar with Silverlight, you're well on your way to writing applications for the Windows 8 WinRT platform. The basic concepts of layout, styling, data binding and so forth will carry over. But there's still plenty you need to know to effectively develop XAML WinRT apps. This session will discuss the changes: new functionality, changes and differences from Silverlight, and – perhaps most important – the essential guidelines

## Session Descriptions by Track, continued

for how WinRT applications are supposed to look and act, including key aspects of developing touch interfaces. If you're already familiar with XAML essentials, this session will help you start applying that expertise to Windows 8 and touch.

### ■ W06 Windows 8 Metro Style Apps for the Enterprise

**Ben Hoelting**

Wednesday, August 8

10:45 a.m. – 12:00 p.m.

Windows 8 Metro Style applications are designed for use in a multi-touch or tablet based environment. What does that mean to the enterprise consumers out there? Do multi-touch and tablet based environments have a place in the enterprise? This session will explore these questions and get developers that develop applications for the enterprise excited about Windows 8 Metro Style applications.

#### You will Learn:

- The reasons to use Windows 8 Metro Style apps in the enterprise
- How to build Windows 8 Metro Style apps for the enterprise
- Deployment options for Windows 8 Metro Style apps in the enterprise

### ■ W11 WinRT for Web Devs – Introductory

**Ben Dewey**

Wednesday, August 8

1:30 – 2:45 pm

With such a broad range of hardware and operating systems, HTML and Javascript on the web is the sure fire way to ensure your app can reach the broadest audience on all computers and devices. Unfortunately they lack the native features that make for an optimal experience. In this presentation Ben Dewey highlights the native features of Metro Style apps that should be considered when making your development

platform decisions. Every app is different and has different needs, this presentation will give you tools to help answer whether to go native or not on your next project.

#### You will learn:

- What the key differences are between client-server web development and the client only HTML/Javascript of WinRT.
- What concepts should be considered when deciding between native Metro style apps and websites
- What features Metro style apps gain.

### ■ W16 Windows 8, the Live SDK, and SkyDrive – Intermediate

**Rockford Lhotka**

Wednesday, August 8

3:15 – 4:30 p.m.

Windows 8 is integrated with the Windows Live services and SkyDrive. Although users can disable this integration, it is built in by default. Your application can also make use of Single Sign On and other Live services, as well as SkyDrive. In this session you will learn what services are available to Windows 8 Metro style app developers, and how to use the SDK in your apps.

### ■ TH01 Filling up Your Charm Bracelet – Intermediate

**Ben Dewey**

Thursday, August 9

8:00 – 9:15 a.m.

In this presentation, Ben Dewey will go in-depth on the different charms that are available in WinRT and how your app can take full advantage of them in order to provide a consistent experience with other apps on the Windows8 platform. This presentation will focus on C# and XAML.

#### You will learn:

- How to leverage the Search charm in a testable way
- How to act as a Share target and Share source
- How to provide settings within your application

### ■ TH06 Leveraging XAML for a Great User Experience [Tentative Title]

**Billy Hollis**

Thursday, August 9

9:30 – 10:45 a.m.

For goodness sake, aren't you tired of writing XAML applications that look like Windows Forms with some lipstick applied? XAML gives you an array of capabilities to go further, and this session will show you a list of them. From ways to leverage control templates to dramatically better usability through fancy data templates to implementation of new patterns for user navigation, this session will shake you out of Outlook-style layouts and colorized Windows Forms.

## WINDOWS PHONE

Windows Phone (WP) version 7.5 now has more than 70,000 apps in its marketplace. Nokia's adoption of Windows Phone as its primary smartphone standard lends even more momentum to WP.

#### This track includes coverage of:

- Getting started with WP
- Porting iOS apps to WP
- Making money with WP

### ■ TH04 Getting Started with Windows Phone 7 – Introductory / Intermediate

**Scott Golightly**

Thursday, August 9

8:00 – 9:15 a.m.

In this session we will look at how you can start developing for Windows Phone 7 for free. This demo heavy session will walk through the basics of creating a Silverlight or XNA application for the phone. We will end our discussion with a brief overview of the steps needed to get your application into the marketplace.

## Session Descriptions by Track, continued

### You will learn:

- Understand how to download tools and begin creating applications for Windows Phone
- See how to create applications using either Silverlight or XNA
- Understand unique issues with developing for the phone including application activation and requirements for placing the application in the marketplace

### ■ TH09 Porting iOS Applications to Windows Phone 7

**Al Pascual**

Thursday, August 9

9:30 – 10:45 a.m.

This session will show developers how to avoid the pain of xCode and Objective-C and show them the world of Visual Studio 2010 and Silverlight for Windows Phone 7. Learn how to bring existing iPhone and iPad applications to the WP7 platform as well as the refactoring and conversions. See how to make money on the Windows Phone Marketplace as well as how to simplify the deployment. Discover how to take the top iPhone applications and bring them into Windows Phone 7 to monetize them. This presentation is for the iOS developer coming to Windows Phone 7 as well as the new developer in mobile devices.

### You will learn:

- Windows Phone 7 SDK

### ■ TH24 Making Money with Windows Phone – Introductory

**Scott Golightly**

Thursday, August 9

4:15 – 5:30 p.m.

This session will not give you the next big idea that will make you a million dollars but will help you after you have the idea to monetize it. We will discuss how to get your application into the marketplace and different strategies for making additional money from your applications.

### You will learn:

- Requirements for submitting an application to the Windows Phone marketplace
- Process to submit an application to the marketplace
- Best practices for maximizing revenue from an application

## CROSS PLATFORM MOBILE

Mobile clients are becoming a common way for users to interact with each other, their organizations, and their business applications. Mobile apps might be native client apps or mobile Web sites, and they often make use of cloud-based data and services.

### This track includes:

- Building Android and iOS apps with Visual Studio
- Building mobile sites and apps with HTML5

### ■ W04 Visual Studio for Mobile Apps on iOS, Android and WP7

**Miguel de Icaza**

Wednesday, August 8

9:15 – 10:30 a.m.

Don't abandon Visual Studio when you build apps for iOS, or Android devices!

In this introduction to using Visual Studio to build cross-platform mobile apps for iOS, Android and Windows phones, tablets and embedded devices, I will discuss:

- Using Visual Studio and C# / .NET for iOS and Android
- Re-using code across Windows, iOS and Android
- Building native user-experiences

Examples and code samples will be shared.

### ■ W09 Using HTML5 to build Mobile Web Sites and Apps – Introductory / Intermediate

**Jon Flanders**

Wednesday, August 8

10:45 a.m. – 12:00 p.m.

HTML5 and JQuery are the cool new kids on the block for building Web Applications. People generally prefer native mobile apps over bookmarks in mobile browsers. Why not do both?

In this session you'll see how you can use a native mobile shell on the popular mobile platforms (iOS, Android, and Windows Phone 7) to host an HTML5 application and how to interact with native APIs, handle offline mode, and deal with devices with different resolutions.



## Visual Studio Live! Redmond Speakers

### Jason Bock - Principal Consultant, Magenit Technologies



Jason Bock is a Principal Consultant for Magenit (<http://www.magenit.com>) and a Microsoft MVP (C#). He has worked on a number of business applications using a diverse set of substrates and languages such as C#, .NET, and Java. He is the author of "Applied .NET Attributes", "CIL Programming: Under the Hood of .NET", ".NET Security", and "Visual Basic 6 Win32 API Tutorial". He has written numerous articles on software development issues and has presented at a number of conferences and user groups. He is a leader of the Twin Cities Code Camp (<http://www.twincitiescodecamp.com>) and runs the Twin Cities Languages User Group (<http://www.twincitieslanguagesusergroup.com>). Jason holds a Master's degree in Electrical Engineering from Marquette University. Visit his web site at <http://www.jasonbock.net>.

### Eric D. Boyd - Founder & CEO, responsiveX



Eric D. Boyd is the Founder and CEO of responsiveX ([www.responsiveX.com](http://www.responsiveX.com)) and a Windows Azure MVP. Eric began his technology career by starting a web development firm in the 90's and has served in multiple roles since including developer, consultant, business owner and technology executive. Today, he helps companies create great web, mobile and client experiences, often powered by cloud services. You can find Eric blogging at <http://www.EricDBoyd.com> and on Twitter at <http://twitter.com/EricDBoyd>.

### Pete Brown - Community Program Manager Lead, Microsoft



Pete Brown is a Community Program Manager with Microsoft, leading the Developer Guidance developer community team, as well as a former Microsoft Silverlight MVP, INETA speaker, and RIA Architect. Pete's focus at Microsoft is the community around client application development (WPF, Silverlight, Windows Phone, WinRT

XAML, C++, Native Windows API and more).

Pete is the author of Silverlight 4 in Action and Silverlight 5 in action, both published by Manning Publications. He's also the author of the upcoming Windows 8 XAML in Action also with Manning.

### Andrew Brust - Founder & CEO, Blue Badge Insights



Andrew Brust is Founder and CEO of Blue Badge Insights, an analysis, strategy and advisory firm serving Microsoft customers and partners. Brust also serves as CTO for Tallan, a Microsoft National Systems Integrator; is a Microsoft Regional Director and MVP; an advisor to the New York Technology Council; and co-author of "Programming Microsoft SQL Server 2008" (Microsoft Press, 2008). Brust is a frequent speaker at industry events and is a contributing editor to Visual Studio Magazine. He's been a participant in the Microsoft ecosystem for over 15 years, and has worked closely with both Microsoft's Redmond-based corporate team and its field organization for much of the last 10. Brust is a member of the Microsoft Partner Advisory Council and several "insiders" groups that supply him with insight around important technologies out of Redmond.

### Miguel Castro - Architect, IDesign



Miguel Castro is an architect with IDesign with over 22 years of experience in the software industry. He's a Microsoft MVP, member of the INETA Speakers Bureau, and ASP Insider. With a Microsoft background that goes all the way back to VB 1.0 (and QuickBasic in fact), Miguel has spoken at numerous user groups, code camps, and conferences throughout the US and overseas. He has also been featured on the technology talk shows, .NET Rocks, .NET Rocks-TV, Microsoft's ARCast (Architecture Podcast), and The Polymorphic Podcast on numerous occasions. He specializes in architecture and development consulting and training using Microsoft technologies. Miguel is also a regular author with CoDe Magazine.

### Ben Day - Architect / Trainer / Coach, Benjamin Day Consulting, Inc.



Benjamin Day is a consultant and trainer specializing in software development best practices using Microsoft's development tools with an emphasis on Silverlight, Team Foundation Server, Windows Azure, and Scrum. He is a Microsoft Visual Studio ALM MVP, a certified Scrum trainer via Scrum.org, and a speaker at conferences such as TechEd and VSLive. When not developing software, Ben likes to hang out with his wife and cats, play jazz piano, and geek out on all things food. He can be contacted via [benday.com](http://benday.com) and [blog.benday.com](http://blog.benday.com).

### Miguel de Icaza - CTO, Xamarin



Miguel is CTO at Xamarin and responsible for cross-platform mobile app development products MonoTouch and Mono for Android. Miguel has directed the Mono project since its creation in 2001 and oversaw the launches of Mono's desktop, server and mobile offerings at Novell from 2003-2011. Before Mono, he co-founded the GNOME project in 1997. In 1999 Miguel co-founded Ximian and worked on Gnumeric, and the Linux kernel. He has received the Free Software Foundation 1999 Free Software Award, the MIT Technology Review Innovator of the Year Award in 1999, and was named one of Time Magazine's 100 innovators for the new century in September 2000.

### Ben Dewey - Senior Software Consultant, Tallan, Inc



Ben Dewey is currently employed at Tallan, Inc. as a Senior Software Consultant. Ben Dewey works during the day on Web and XAML based technologies with heavy use of WCF and a service-based architecture. In his free time, Ben Dewey works on Apps for mobile platforms and has two apps on the Windows Phone Marketplace. Ben strives to create SOLID applications of the highest craftsmanship while paying special attention to clean User Experiences (UX). Ben Dewey recently completed a

## Visual Studio Live! Redmond Speakers, continued

book title A Guide to Metro Style Apps for O'Reilly publishing. Ben is actively involved in numerous community events, from speaking at local user groups and helping to organize the ALT.NET Meetup in NYC. In addition he make occasional posts to his blog at <http://bendewey.com/blog>

### **Gil Fink** - Senior Architect, Sela



Gil Fink, Microsoft MVP, is an expert in Web development and Microsoft data platform. He works as a senior architect at Sela Group. He's currently consulting for various enterprises and companies, where he architects and develops Web and RIA-based solutions. He conducts lectures and workshops for developers and enterprises who want to specialize in infrastructure and Web development. He is also currently creating the Microsoft Official Course (MOC) on HTML5. You can read his publications at his blog: <http://www.gilfink.com>.

### **Jon Flanders** - Senior Consultant, MCW Technologies



Jon is a member of the technical staff at MCW, where he focuses on connected systems technologies. Jon is most at home spelunking, trying to figure out how things work from the inside out. Jon is the author of RESTful.NET from O'Reilly, as well as Essential ASP for Addison-Wesley, and was a co-author of Mastering Visual Studio.NET for O'Reilly. Jon's current major interest is helping people to understand the advantages of REST and how REST connects to products like SharePoint 2010. You can read his blog at <http://www.rest-ful.net/>

### **Ido Flatow** - Senior Architect & Trainer, Sela Group



Ido is a senior architect and trainer at SELA Group. Ido is an expert on Windows Azure and Web technologies, such as WCF, ASP.NET, IIS, and Silverlight. Ido is a Microsoft MVP for connected systems, a Microsoft certified trainer

(MCT), and the co-author of Microsoft's Official WCF 4 course (10263A). You can follow Ido's work on his blog at <http://blogs.microsoft.co.il/blogs/ido/> and on Twitter: @IdoFlatow

### **Nuno Godinho** - Windows Azure MVP, MCT Cloud Solution Architect, Aditi Technologies



Nuno Godinho is a Cloud Solution Architect for Aditi Technologies. He's responsible for helping customer to identify, plan, manage and develop software products and solutions in the Cloud, mostly with Windows Azure. The majority of these software products and solutions are mission critical. MVP for the last 5 years, starting with MVP in ASP.NET and this now MVP in Windows Azure with blogs on <http://www.pontonnetpt.com/blogs/nunogodinho> (Portuguese & English) and <http://www.msrmvps.org/blogs/nunogodinho> (English), INETA Country Leader & Leader for several Portuguese communities like PontoNetPT (.NET Development in Portuguese), XAMLPT (Microsoft UX Technologies in Portuguese) and Founder of AzurePT (Windows Azure in Portuguese)

### **Scott Golightly** - Senior Software Developer, Experlogix



Scott Golightly is a Senior Software Developer with Experlogix. Scott is also a Microsoft Regional Director. He has over 15 years experience helping clients to create solutions to business problems with various technologies. Scott is an experienced speaker and trainer. He has taught classes around the globe on various technical and business related topics. Scott has presented at numerous code camps, Tech Ed break out sessions, and Tech Ready. Scott has held many certifications including Certified PowerBuilder Developer, Certified Sybase Instructor, MCP, MCSD, and MCT. When he is not working with computers Scott enjoys spending time with his family and being in the outdoors.

### **Ben Hoelting** - Senior Software Developer, Intelligent Software Solutions, Inc



Credentials: C# MVP, MCPD for Web and Windows .NET 4.0 Ben Hoelting: Senior Software Developer, Intelligent Software Solutions, Inc. (ISS) and C# MVP. Ben graduated from Colorado State University in 1997 and joined the IT industry. Worked as a consultant for Colorado Technology Consultants, Inc. from 2005 – 2010 before joining ISS. His most recent projects include a Silverlight line of business application that uses the ADO.NET Entity Framework to access the backend data store. He also is working on an office automation solution that extends PowerPoint. Ben is a Microsoft Certified Professional Developer (MCPD) for Web and Windows .NET 4.0. His blog is at <http://www.benhblog.com> and his twitter stream is at <http://twitter.com/benhnet>. Finally, Ben is very involved in the .NET community. He is the leader of the South Colorado .NET User Group and a regular speaker at user groups, code camps and conferences around the country.



## Visual Studio Live! Redmond Speakers, continued

### Billy Hollis - *Next Version Systems*



Billy Hollis is an author and software developer from Nashville, Tennessee. Billy is co-author of the first book ever published on Visual Basic .NET, VB .NET Programming on the Public Beta. He has written many articles, and is a frequent speaker at conferences. He is the Regional Director of Developer Relations in Nashville for Microsoft, and runs a consulting company focusing on Microsoft.NET. You can visit his website at: [www.billyhollis.com](http://www.billyhollis.com)

### Phil Japikse - *Patterns & Practices Evangelist, Telerik*



Phil Japikse has been working with .Net since the first betas, and developing software for over 20 years. Phil is a Microsoft MVP and also holds MCSD, MCDBA, CSM, and CSP certifications. Phil is an international speaker and a passionate member of the developer community, speaking at Code Camps and Days of .NET all across the country as well as serving as the Lead Director for the Cincinnati .Net User's Group. Phil works as the Patterns and Practices Evangelist for Telerik ([www.telerik.com](http://www.telerik.com)), is a Firefighter/Paramedic, and a volunteer for the Ski Patrol. You can follow Phil on twitter via [www.twitter.com/skimedic](http://www.twitter.com/skimedic) and read his blog at [www.skimedic.com/blog](http://www.skimedic.com/blog).

### Deborah Kurata - *President, InStep Technologies, Inc.*



Deborah Kurata is cofounder of InStep Technologies Inc., a professional consulting firm that focuses on turning your business vision into reality using Microsoft .NET technologies. She has over 15 years of experience in architecting, designing, and developing successful applications. Deborah has authored several books, including the "Doing Objects in Visual Basic" series (Addison-Wesley), "Best Kept Secrets in .NET" (Apress) and "Doing Web Development: Client-Side Techniques" (Apress). Deborah speaks at conferences such as VS Live, DevDays, and TechEd. For her work in support of software develop-

ment and software developers, she has been recognized with the Microsoft Most Valuable Professional (MVP) award. After a hard day of coding and taking care of her family, Deborah enjoys blowing stuff up (on the Xbox of course).

### Vishwas Lele - *Architect, AIS*



Vishwas Lele is an AIS Chief Technology Officer and is responsible for the company vision and execution of creating business solutions using .NET technologies. Vishwas brings close to 20 years of experience and thought leadership to his position, and has been at AIS for 13 years. A noted industry speaker and author, Vishwas is the Microsoft Regional Director for the Washington, D.C. area and a member of the Connected Systems Division Advisors group. Additionally, Vishwas has received an MVP (Most Valuable Professional) for Solution Architecture award for 2009.

### Rockford Lhotka - *CTO, Magenic*



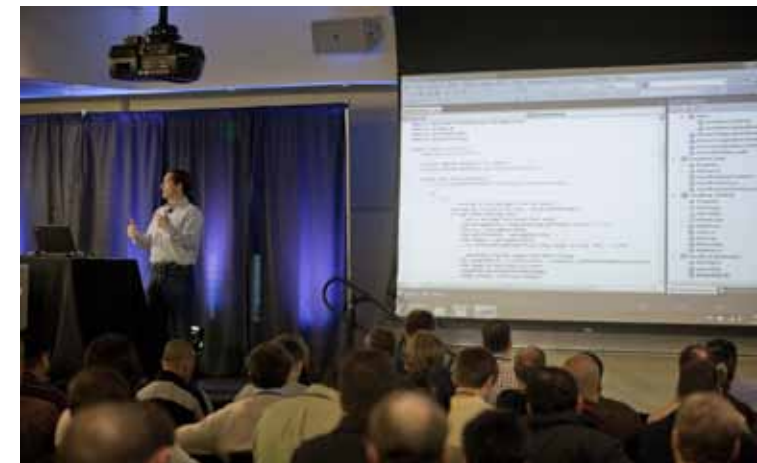
Rockford Lhotka is the CTO of Magenic, and is the creator of the widely used CSLA .NET development framework. He is the author of numerous books on software development, and regularly speaks at major conferences around the world. Rockford is a Microsoft Regional Director and MVP. Magenic ([magenic.com](http://magenic.com)) is a company that specializes in planning, designing, building and maintaining your enterprise's most mission critical systems. For more information go to [lhotka.net](http://lhotka.net).

### Leonard Lobel - *CTO, Sleek Technologies, Inc.*



Leonard Lobel is the chief technology officer (CTO) and co-founder of Sleek Technologies, Inc., a New York-based development shop with an early adopter philosophy toward new technologies. He is also a principal consultant at twenty-six New York, a Microsoft Gold Certified Partner. Programming since 1979, Lenni specializes in Microsoft-

based solutions, with experience that spans a variety of business domains, including publishing, financial, wholesale/retail, health care, and e-commerce. Lenni has served as chief architect and lead developer for various organizations, ranging from small shops to high-profile clients. He is also a consultant, trainer, and a frequent speaker at local usergroup meetings, Visual Studio Live!, SQL PASS, and other industry conferences. Lenni is also lead author in the new MS Press book "Programming Microsoft SQL Server 2008". He can be reached at [lenni.lobel@26ny.com](mailto:lenni.lobel@26ny.com).



**"This was a phenomenal conference and they couldn't have picked a better venue than the Mothership [Microsoft Campus]. I'll definitely be back next year!"**

*Nma-Sie-Anyene Davenport, Software Developer, BGSU*

## Visual Studio Live! Redmond Speakers, continued

### Brian Noyes - Chief Architect, IDesign Inc



Brian Noyes is Chief Architect of IDesign Inc, a Microsoft Regional Director and Microsoft MVP. Brian is a frequent top rated speaker at conferences including Visual Studio Live!, Microsoft TechEd US, EU, Africa, and Asia, DevConnections, DevTeach and others. Brian is author of Developers Guide to Microsoft Prism 4, Developing Applications with Windows Workflow Foundation, Data Binding in Windows Forms 2.0, and Smart Client Deployment with ClickOnce. Brian got started programming as a hobby while flying F-14 Tomcats in the US Navy, later turning his passion for code into his current career.

### Al Pascual - Software Developer, Esri



Al Pascual works at Esri, developing in Silverlight, ASP.NET and WP7. Al is into open source and OpenStreetMap. Previous to the corporate world, Al spent a few years working as a consultant, when .NET came out, Al helped companies be more productive. He became a pure web developer, believing that HTTP will rule the world and ASP.NET had nothing to do with classic ASP until Razor came out. Al is a Microsoft MVP since 2007 and regularly speaks at conferences around the world.

### Brian Peek - Senior Technical Evangelist, Microsoft



Brian Peek is a Technical Evangelist at Microsoft, working on the Channel 9 team. Previously a Microsoft MVP in the C# discipline, he has authored numerous articles and projects for the Coding4Fun website and Microsoft conferences. Brian specializes in software development using a variety of Microsoft technologies and platforms. He is also well-versed in hardware projects, graphics and game development. Additionally, he has co-authored the book "Coding4Fun: 10 .NET Programming Projects for Wii mote, YouTube, World of Warcraft, and More" published by O'Reilly, and the book "Debugging ASP.NET" published by New Riders. Brian speaks at conferences around the country and can be reached on Twitter at @BrianPeek or via his blog at <http://www.brianpeek.com/>.

### Brian Randell - Senior Consultant, MCW Technologies



Brian A. Randell is a senior consultant with MCW Technologies, LLC. For over 20 years, Brian has been building software solutions and educating his fellow developers. Brian spends his time teaching Microsoft technologies to developers, working with new and emerging technologies like Visual Studio 2010, Team Foundation Server 2010, SQL Server 2008 R2, and SharePoint 2010, and consulting worldwide for Fortune 500 companies like Microsoft, state and local governments, and small businesses. Brian enjoys helping people get the most out of their software. He does this through training for MCW Technologies and speaking at events such as Visual Studio Live!, Tech•Ed, and the PDC. In addition, Brian shares through the written word. Brian currently writes the Team System column for *MSDN Magazine*.

**"Since leaving the industry in 2003 to join the ranks of academia it has been a struggle to maintain contact with the pulse of platform and tool evolution. VSLive is an ideal way to be totally immersed in an environment that provides a 'rapid' recharge of all the latest news & technologies from a user-centric viewpoint. I get more in one week at VSLive than I can get from a full three months of research over summer break."**

*Robert Logan, Assistant Professor, Kent State University*





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The Visual Studio Live! Complete Conference & Hotel Package includes the five day all-access pass (**August 6-10, 2012**) PLUS five nights at the Hyatt Regency Bellevue, WA.

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The Visual Studio Live! Conference Package grants you access to all sessions and activities **August 7-9, 2012**.  
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<b>VISUAL STUDIO LIVE! 3 DAY CONFERENCE PACKAGE:</b>	<b>Early Bird</b> (by June 27) \$1,395 <b>Save \$300</b>	<b>Standard</b> (after June 27) \$1,695
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\$1,595 per attendee  
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- All Visual Studio Live! Sessions and Keynotes
- Pre-conference workshops
- Post-conference workshops
- Reception
- Networking Events
- Lunch (August 6-10)
- Coffee and Morning Pasties
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- T-shirt with Completed Survey
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- Pre-Conference Workshop – Monday, August 6, 2012
- OR
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Book includes Conference session slides and space for taking notes.

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