Visual Studio® LIVE!

EXPERT SOLUTIONS FOR .NET DEVELOPERS

DECEMBER 5-9, ORLANDO, FLORIDA
Royal Pacific Resort at Universal Orlando®

5 CODE-FILLED DAYS IN FLORIDA!

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VSLIVE.COM/ORLANDO

- ▶ Visual Studio 2010 / .NET
- ▶ Silverlight / WPF
- ▶ Web / HTML5
- ▶ Windows Phone 7
- ▶ Developing Services
- ▶ Data Management
- ▶ Cloud Computing
- ▶ Programming Practices

A Message from the Co-Chairs

The Microsoft Development Platform is reaching a huge milestone. With Windows 8 waiting in the wings, the growing momentum of Windows Phone, the industry-wide HTML 5 push and continual emphasis on Cloud Computing, 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 Microsoft product team members and evangelists, along with a number of the finest independent speakers in the business.

We're Andrew Brust and Rocky Lhotka, and as Conference Co-Chairs for Visual Studio Live! Orlando, we'd like to personally invite you to join us this December in Orlando, Florida, 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: HTML 5; the Cloud; Windows Phone Development, Silverlight and WPF; Data Management and Services Development.

We've also got coverage on new tools like Visual Studio LightSwitch, WebMatrix and Orchard; the Microsoft .NET Framework 4.0 and Visual Studio 2010; and workshop content on Visual Studio ALM, SQL Server, software architecture and more. These sessions burrow deep into the new subjects you need to master and the fundamentals that are always important.

Hardcore content from Microsoft and independent experts isn't a luxury. This year, it's a necessity. Find a way to get to Visual Studio Live! Orlando. Your career will thank you.

We hope to see you there!

Andrew Brust
Visual Studio Live! Co-Chair

Rockford Lhotka
Visual Studio Live! Co-Chair

TABLE OF CONTENTS:

10 REASONS TO ATTEND VISUAL STUDIO LIVE! ORLANDO

1. **Not to brag**, but ... we are the development world's most trusted educational provider of developer-focused content.

2. **A lotta bang for your buck.** The quality and quantity of education we supply you with is kind of unbelievable. Go ahead – check it out.

3. **Even Steven.** Hear from both independent industry experts and Microsoft insiders on the most recent software and industry updates. Yep, from both.

4. **It's a good hurt.** We offer 5 days of over 60 educational sessions in tracks like .NET 4/ Visual Studio 2010, Cloud Computing, Data Management and Windows Phone 7. Your brain will be so full your head will hurt. But it's a good hurt.

5. **We dive deep.** Waaaay deep. Check out the 5 deep-dive workshops that feature hot topics like Visual Studio 2010 and Silverlight.

6. **One-stop shopping.** Find your favorite industry speakers all in one place, including Rachel Appel, Andrew Brust, Scott Cate, Billy Hollis and Rocky Lhotka, just to name a few.

7. **We're called Visual Studio Live! for a reason.** Your gateway to all .NET development is Visual Studio 2010, which enhances many existing Visual Studio features and adds others. Get the information you need to understand and leverage the power of .NET 4 and Visual Studio 2010.

8. **Stay in the Loop.** Find out what's happening in the Microsoft and developer landscape – TODAY. Change is good, embrace it.

9. **Are you saying what I think you're saying?** Developers, software architects and designers all speak the same language – code. This is your chance to chat it up!

10. **Location, location, location.** Florida in December. 'Nuf said.

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VISUAL STUDIO LIVE! ORLANDO ADVISORY COUNCIL

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

Michael Desmond
Editor in Chief, MSDN Magazine

Rockford Lhotka
Visual Studio Live! Orlando Co-chair
Principal Technology Evangelist, Magenic

Keith Ward
Editor in Chief, Visual Studio Magazine

VISUAL STUDIO LIVE! ORLANDO SPEAKERS

Todd Anglin
Chief Evangelist, Telerik

Rachel Appel
Developer Evangelist, Microsoft

Sergey Barskiy
Principal Consultant, Magenic Technologies

Eric D. Boyd
Director, Chicago + Cloud Practice, Centare Group, Ltd.

Pete Brown
Community Program Manager Lead, Microsoft Developer Guidance

Andrew Brust
Founder & CEO, Blue Badge Insights

Miguel Castro
Architect, IDesign

Marcel de Vries
Technology Manager, Info Support

Jon Flanders
Senior Consultant, MCW Technologies

Ido Flatow
Senior Consultant, Sela Group

Scott Golightly
Senior Software Developer, Experlogix

Ben Hoelting
Senior Software Developer, Intelligent Software Solutions, Inc

Billy Hollis
Next Version Systems

Dave Ibitski
Sr. Developer Evangelist, Microsoft

Ron Jacobs
Sr. Program Manager, Microsoft

Philip Japikse
Patterns & Practices Evangelist, Telerik

Vishwas Lele
Architect, AIS

Rockford Lhotka
Principal Technology Evangelist, Magenic

Leonard Lobel
CTO, Sleek Technologies, Inc.

Chris Mullins
Senior Software Engineer, Microsoft

Ted Neward
Architectural Consultant, Neudesic

John Papa
Sr Technical Evangelist, Microsoft

Brian Peek
Senior Consultant, ASPSOFT, Inc.

Brian Randell
Senior Consultant, MCW Technologies

Michael Stiefel
President, Reliable Software, Inc.

Adam Tuliper
Software Architect, Cegedim

Michael Washington
Programmer, ADefWebserver.com

Visual Studio LIVE!
EXPERT SOLUTIONS FOR .NET DEVELOPERS

EVENTS & ACTIVITIES

Your attendance at Visual Studio Live! Orlando 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.

NETWORKING BREAKFASTS
Monday, December 5 through Friday, December 8

Continental breakfast will be served each morning of the conference allowing you more time to meet and mingle with your peers.

BIRDS-OF-A-FEATHER LUNCH
Tuesday, December 6

Share knowledge and experiences with your colleagues by joining one of the Birds-of-a-Feather tables at lunch.

Visual Studio Live! BOF 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
• WinRT/Win8/Metro

"I really liked all the fantastic technical training, demos and design development concepts discussed at the sessions, not to mention the introduction to new technologies, like Silverlight and WPF and the MVVM model."

– James Butler,
   Lynx - Central Florida Regional Transportation Authority

WILD WEDNESDAY WITH DEVELOPER DUEL
Wednesday, December 7

Wild Wednesday is your chance to unwind with drinks and snacks while you join your fellow attendees and speakers for a highly-informal—if not irreverent—but educational and fun evening—and get the chance to win great raffle prizes.

In addition to a fun and educational program, join us for Visual Studio Live!'s Developer Duel! This game show style event will pit teams of 5 developers and speakers against each other to try and guess the most popular answers to survey questions. Answer our survey questions when we send them out and attend the event to see how your answers rank against your peers. And if you're lucky, you'll be selected to come on down and be on stage guessing for yourself with a chance to win fabulous prizes! Survey says: You are in for a good time!

STAY CONNECTED TO VISUAL STUDIO LIVE! ON OUR SOCIAL NETWORKS:

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VISUAL STUDIO LIVE! KEYNOTE

KEYNOTE: APPLICATIONS TODAY ON THE DEVICES OF TOMORROW

Scott Cate
Wednesday, December 7, 2011 – 8:00 a.m.

The world today is vastly different from yesterday with regards to your applications. There once was a day when you built a Client, to talk to your Server, and you were happy with a static n-tier architecture. You forced your clients, customers, and employees from Desktop to Web introducing them all to the both the pain and the beauty of HTML. Tomorrow will bring a new array of devices that your application will be forced to support. What can you do today, to mitigate your risk, and enjoy the success of these new devices?

Scott Cate is the CTO of EventDay, an online Event Content Management company specializing in Web, Mobile, and Cloud technology for in person events. Managing Registration, Speakers, Sponsors, Sessions, Tracks, and Attendees are all simple tasks with EventDay.com software.

LOOK WHO'S ATTENDING VISUAL STUDIO LIVE! ORLANDO

Application Development Managers

ASP.NET Programmers

Corporate/Business Management

Development Team Managers

Directors of Software Development

Enterprise Architects

Executive IT Management

Operations Managers

Programmers

Senior Architects

Software Architects/Designers

Software Developers

Software Engineering Supervisors

Software Team/Project Leaders

Sr. Programmers/Software Developers

Systems Analysts

Technical VPs

Visual Studio Programmers

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HOTEL INFORMATION

All Visual Studio Live! Orlando sessions and activities will be held at the Royal Pacific Resort at Universal Orlando®, where a block of rooms has been reserved for attendees.

Royal Pacific Resort at Universal Orlando®
6300 Hollywood Way,
Orlando, FL, 32819

Rooms at the Royal Pacific Resort in the Visual Studio Live! Room Block include:
• Complimentary in-room internet connectivity
• Complimentary access to The Gymnasium — a 5,000-square-foot fitness center featuring cardio theatre
• Complimentary shuttle to Universal Theme Parks and Seaworld

Book your hotel room before November 11th for a reduced rate of $142.00 per night plus tax for single or double occupancy!
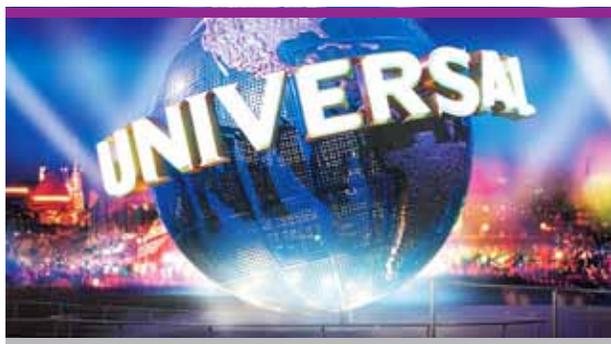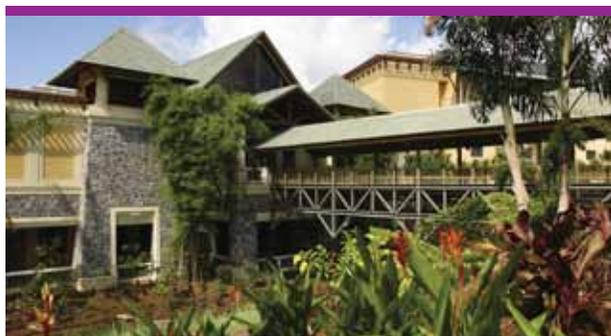
Make your reservation online at
http://www.loewshotels.com/en/Royal-Pacific-Resort/GroupPages/VSL
or call reservations, (888) 360-7395 and ask for the Visual Studio Live! Room Block.

VISUAL STUDIO LIVE! ORLANDO
COMPLETE CONFERENCE & HOTEL PACKAGE
If you select the Complete Conference & Hotel Package when registering, a hotel room at the Royal Pacific Resort at Universal Orlando® will be reserved for you. You will check in on Sunday, December 4 and check out on Friday, December 9 for a total stay of five nights.

TRAVEL INFORMATION

AIR TRAVEL DISCOUNTS

American Airlines is offering a 5% discount to Visual Studio Live! Orlando attendees for travel to Orlando International Airport between December 4 and 10, 2011. Mileage members can receive credit for all American miles flown to attend this conference. To take advantage of these discounts, please call toll-free, or have your travel agent call: American Airlines: 800-433-1790 and reference number **55D1AL**. To book your discounted ticket online go to **www.aa.com** and use the discount reference number above as the aa.com promotion code.

CAR RENTAL DISCOUNTS

Avis Rent-a-Car is offering a discount on car rental for Visual Studio Live! Orlando attendees. To receive the discounted rates, call Avis at 800-331-1600 and use the Avis Worldwide Discount (AWD) number **D005872**, or **click here** to make your reservation online.

AIRPORT TRANSPORTATION (ORLANDO INTERNATIONAL AIRPORT)

The Royal Pacific Resort at Universal Orlando® does not provide airport transportation, but there are several options:

Mears Transportation 800-759-5219
Mears provides convenient and affordable transportation between the Orlando International Airport and the Royal Pacific Resort. One way fares start at $18. This is a shuttle service that will have other stops along the way. Mears can also assist with sedan reservations or advance taxi reservations.

Taxi
One way fares from Orlando International Airport (MCO) average $45-$50.

Parking at Royal Pacific Resort
Self parking is $15* per day
Valet parking is $22* per day
Rates subject to change without prior notice.

DISCOVER ORLANDO

Visit **www.universalorlando.com** for more information on the Universal Orlando theme parks and area. After 2 p.m. tickets are available to the Universal Theme Parks at a significant discount.

Guests at the Royal Pacific Resort also have access to a FREE shuttle to **Seaworld**.

Visit **www.orlandoinfo.com** for information on places to visit and things to do in the Orlando area.

> **Great conference, great location, excellent presenters.**
> – Ben Bowen, Visual Studio Programmer, AutoNation

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AGENDA AT A GLANCE

Visual Studio 2010 / .NET 4	Developing Services	Windows Phone 7	Cloud Computing	Data Management	Programming Practices	Web / HTML5	Silverlight / WPF

Visual Studio Live! Pre-Conference Workshops: Monday, December 5, 2011 (Separate entry fee required)

MWK1 **Workshop: SQL Server for Developers** Andrew Brust & Leonard Lobel	MWK2 **Workshop: Making Effective Use of Silverlight and WPF** Billy Hollis & Rockford Lhotka	MWK3 **Workshop: Programming with WCF in One Day** Miguel Castro

Visual Studio Live! Day 1: Tuesday, December 6, 2011

Keynote Microsoft TBA

Web/HTML5	Silverlight/WPF	Developing Services	Data Management
T1 **HTML5 & CSS3 Mini-Bootcamp for ASP.NET Developers** Todd Anglin	T2 **Intense Intro to Silverlight** Billy Hollis	T3 **AppFabric, Workflow and WCF - The Next Generation Middleware** Ron Jacobs	T4 **So Many Choices, So Little Time: Understanding Your .NET 4 Data Access Options** Lenni Lobel
T5 **The HTML5 Mullet: Form Input and Validation** Todd Anglin	T6 **XAML: Achieving Your Moment of Clarity** Miguel Castro	T7 **What's New in WCF 4** Ido Flatow	T8 **Microsoft Session** TBA

Birds-of-a-Feather Lunch

T9 **Chalk Talk: What's New and Cool in Silverlight 5** Pete Brown		T10 **Chalk Talk: Building Applications Using CSLA .NET** Rockford Lhotka	
T11 **Learning MVC - for the Web Forms Developer** Adam Tuliper	T12 **Fundamental Design Principles for UI Developers** Billy Hollis	T13 **Creating Scalable Stateful Services Using WCF and WF** Marcel de Vries	T14 **Living the dream: make the video game you've always wanted and get paid for it!** Dave Isbitski
T15 **MVC, Razor, and jQuery - The New Face of ASP.NET** Ido Flatow	T16 **Bind Anything to Anything in XAML** Rockford Lhotka	T17 **AppFabric Caching: How It Works and When You Should Use It** Jon Flanders	T18 **Microsoft Session** TBA

Visual Studio Live! Day 2: Wednesday, December 7, 2011

Keynote: Cloud Applications Today on the Devices of Tomorrow Scott Cate, CTO, EventDay.com

W1 **Creating a Data Driven Web Site Using WebMatrix and ASP.NET Razor** Rachel Appel	W2 **Javascript and CSS 3 Patterns for HTML5** John Papa	W3 **If Not IaaS, When Should I Use Windows Azure VM Role?** Eric D. Boyd	W4 **Team Foundation Server Build Automation Inside Out** Marcel de Vries
W5 **Hack Proofing Your ASP.NET Web Forms and MVC Applications** Adam Tuliper	W6 **A Lap Around WPF v.next** Pete Brown	W7 **What is Windows Azure Marketplace DataMarket?** Michael Stiefel	W8 **Implementing Custom Shells, Silverlight Custom Controls and WCF RIA Services in LightSwitch** Michael Washington

Lunch

W9 **Chalk Talk: Advanced Patterns with MVVM in Silverlight and Windows Phone 7** John Papa		W10 **Chalk Talk: Building RESTful Services with WCF** Jon Flanders	
W11 **How Orchard CMS Works** Rachel Appel	W12 **Light Up on Windows 7 with Silverlight and WPF** Pete Brown	W13 **Deciding Between Relational Databases and Tables in the Cloud** Michael Stiefel	W14 **BI in the Cloud with SQL Azure Reporting** Eric D. Boyd
W15 **HTML5 and Internet Explorer 9: Developer Overview** Ben Hoelting	W16 **Radically Advanced Templates for WPF and Silverlight** Billy Hollis	W17 **Windows Azure Platform Overview** Vishwas Lele	W18 **Overview of Project 'Crescent'** Andrew Brust

Wild Wednesday with Developer Duel

Visual Studio Live! Day 3: Thursday, December 8, 2011

TH1 **Getting Started with ASP.NET MVC** Philip Japikse	TH2 **XNA Games for Windows Phone 7** Brian Peek	TH3 **Building Windows Azure Applications** Vishwas Lele	TH4 **REST with Silverlight 5, WCF Web API, and a Little ASP.NET MVC3** Pete Brown
TH5 **Test Driving ASP.NET MVC** Philip Japikse	TH6 **Working with Data on Windows Phone 7** Sergey Barskiy	TH7 **Building Compute-Intensive Apps in Windows Azure** Vishwas Lele	TH8 **Session** TBA
TH9 **Busy Developer's Guide to (ECMA/Java)Script** Ted Neward	TH10 **Building Native Mobile Apps with HTML5 & jQuery** Jon Flanders	TH11 **Building and Running the Windows Azure Developer Portal** Chris Mullins	TH12 **Multi-Touch Madness!** Brian Peek

Lunch

TH13 **Using Code First (Code Only) Approach with the Entity Framework** Sergey Barskiy	TH14 **Getting Started with Windows Phone 7** Scott Golightly	TH15 **The LINQ Programming Model** Marcel de Vries	TH16 **Application Lifecycle Management and Visual Studio: What's Next** Brian Randell
TH17 **Using MEF to Develop Composable Applications** Ben Hoelting	TH18 **Data Binding and MVVM Patterns in HTML5** John Papa	TH19 **Microsoft Session** TBA	TH20 **Visual Studio v.Next** Brian Randell

Visual Studio Live! Post-Conference Workshops: Friday, December 9, 2011 (Separate entry fee required)

FWK1 **Workshop: Architectural Katas** Ted Neward	FWK2 **Workshop: ALM in 2011: Visual Studio 2010 and the Next Big Release** Brian Randell

For the complete session schedule and full session descriptions, please check the Visual Studio Live! Orlando web site at **vslive.com/Orlando**
Speakers and Sessions Subject to Change.

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VISUAL STUDIO LIVE! ORLANDO TRACK LISTING

CLOUD COMPUTING

session listings on page 13

Many people believe the future of application development is in the cloud. Cloud computing offers flexible scalability and may provide a less expensive way to host many applications. Microsoft has introduced Azure as its platform for cloud computing, and has many other technologies that also work well in a cloud computing environment. Even if you aren't ready for Azure today, you owe it to yourself to become familiar with cloud computing!

This track includes coverage of the following:
• **Windows Azure**
• **SQL Azure**
• **Azure DataMarket**

DATA MANAGEMENT

session listings on page 14

The Microsoft platform is rich with data related technologies. The Data Management track at Visual Studio Live! Orlando focuses on some of the most important data related technologies. The information in these sessions will enable you to manage your data for Windows, RIA, Web and Cloud computing applications.

This track includes coverage of the following:
• **ADO.NET Entity Framework**
• **LINQ and a universe of LINQ providers**
• **OData and WCF Data Services**
• **WCF RIA Services**

DEVELOPING SERVICES

session listings on page 16

The Internet is shifting from a provider of HTML content to a provider of data and behavior through services. The .NET platform provides support for REST, SOAP and OData through WCF (Windows Communication Foundation), Windows Server AppFabric, and other key technologies.

PROGRAMMING PRACTICES

session listings on page 17

While individual technologies are important, project success is as much about the intangibles as the technology. This Visual Studio Live! Orlando track focuses on the things we all know we need to do for success. These include building and maintaining healthy teams; supporting those teams by leveraging methodologies such as SCRUM and Kanban; and tools such as Visual Studio testing and Team Foundation Server (TFS).

This track includes coverage of the following:
• **Scrum**
• **Kanban**
• **Visual Studio Test Tools**
• **Visual Studio and TFS Integration**

SILVERLIGHT/WPF

session listings on page 17

Windows Presentation Foundation (WPF) and Silverlight are rapidly becoming the dominant UI technologies for Windows clients and Windows Phone devices. This Visual Studio Live! Orlando track has sessions to get you up to speed on these technologies and help you transition from previous UI technologies. If you are already familiar with the technologies, we have sessions that will build your skills and help you reach the next level of productivity.

VISUAL STUDIO 2010 / .NET 4

session listings on page 19

Everything rests on .NET, and .NET 4 has exciting new capabilities that apply to any type of .NET application. Of course your gateway to all .NET development is Visual Studio 2010, which enhances many existing Visual Studio features and adds others. Perhaps most exciting are the new features around debugging, architecture and application lifecycle management (ALM). We'll give you the information you need to understand and leverage the power of .NET 4 and Visual Studio 2010.

WEB / HTML5

session listings on page 20

The Web is undergoing a transitional shift as more parts of HTML5 emerge in various browsers. At the same time, Microsoft's embrace of jQuery as a tool for enabling rich behaviors and interactivity in the browser impacts how every ASP.NET developer thinks about building web applications, whether with Web Forms or MVC. Microsoft continues innovating in the web development space with Web tools and technologies such as ASP.NET MVC 3, WebMatrix, and Razor.

This track includes coverage of the following:
• **HTML 5 (including CSS 3)**
• **jQuery and JavaScript development**
• **ASP.NET Web Forms**
• **ASP.NET MVC 2 and MVC 3**

WINDOWS PHONE 7

session listings on page 22

Windows Phone (WP) is here and WP devices are now available from all four major US mobile carriers. The Fall 2011 "Mango" update, and Nokia's adoption of Windows Phone as its primary smartphone standard, will add even more momentum to this increasingly popular smartphone platform. This Visual Studio Live! Orlando track will familiarize you with technologies and the user interface conventions you need to build applications for Windows Phone and move your development skills into the smartphone arena.

VISUAL STUDIO LIVE! FULL-DAY WORKSHOPS

Begin and end your week at Visual Studio Live! with these in-depth, full-day workshops.

MWK1 Workshop: SQL Server for Developers *Intermediate*

Andrew Brust & Leonard Lobel

Monday, December 5   9:00am – 6:00pm

This full-day workshop will get you up to speed on key new features of SQL Server 2008 and 2008 R2, as well as the emerging pre-release features of the next version of SQL Server code-named "Denali." Lenni and Andrew will pull no punches as they rip through the newest capabilities in SQL Server 2008—including the most recent enhancements added in SQL Server 2008 R2. We'll begin with an overview of what's new in SQL Server 2008, and then dive right in to an intensive demo-packed tour of the most important features for developers.

We'll start with the many exciting 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 stored procedures and UDFs. Find out about MERGE, a powerful new DML statement that combines the capabilities of four (or more) separate operations, and INSERT OVER DML, which enhances our ability to capture change data from the OUTPUT clause of any DML statement. Other T-SQL enhancements we'll cover include the new date and time data types (with time zone awareness), and GROUPING SETS feature for greater flexibility in composing aggregate queries.

We'll then look at SQL Server's newest release: 2008 R2. Originally dubbed the "BI Refresh" by Microsoft insiders, R2 adds the brand new PowerPivot self-service BI product, a revamped version of Reporting Services with a new Component Library feature and a new version of Report Builder. We'll look at each of these products in depth and see how to use them together. We'll also cover the basics of SQL Server 2008 Analysis Services, and its APIs, to set the context properly.

Then we'll examine the new "beyond relational" features in SQL Server 2008, which 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.

We'll finish up with the powerful new enterprise-level data warehousing and security features including Change Data Capture, SQL Server Audit and Transparent Data Encryption. You'll learn a ton of new SQL Server features in this information-packed day!

MWK2 Workshop: Making Effective Use of Silverlight and WPF *Intermediate*

Billy Hollis & Rockford Lhotka

Monday, December 5   9:00am – 6:00pm

Are you ready to move to next generation XAML-based interfaces? Have you tried and floundered? Or did you get something that looked just like your old interfaces except with prettier colors? Come and hear some real-world advice from a couple of industry notables who have been working with WPF and Silverlight for years. They'll help you build your conceptual skeleton for XAML-based UI, lowering the barrier to effective development of more intuitive, attractive, and productive user interfaces. You'll see an introduction to XAML syntax and a deep look at the layout system. You'll learn how data templates and control templates give you an unprecedented degree of control over visual appearance and behavior. You'll learn the basics of styles and animation, and leave with pointers to resources for a more advanced look. Finally, you'll hear about some real-world lessons in advanced UI development, and see some examples of effective and innovative interfaces. You'll leave with a better conceptual understanding of WPF and Silverlight, and ready to get much more out of advanced sessions on these technologies.

You will learn:
• Effective design of Silverlight and WPF applications
• XAML syntax and the use of Visual Studio 2010 designer features
• Practical application of the MVVM design pattern

MWK3 Workshop: Programming with WCF in One Day *Introductory*

Miguel Castro

Monday, December 5   9:00am – 6:00pm

WCF seems to have been quite an intimidating topic for many developers. It's a technology that provides a unified programming model for what used to be four different technologies. In truth, it's simpler to use than you may think. Still, many developers are bent on continuing to develop new projects using ASMX web services and even .NET Remoting, the two primary technologies that WCF fully replaces. Even though at its simplest, it doesn't take much to get a service up and running, and is indeed a topic I've taught in standard 75 minutes sessions, WCF offers many other characteristics that make developing services in it very appealing. But it is these very additions to the basics of WCF that intimidates developers. In this one-day workshop, I'll take you through the design and development of WCF services from the ground up using a best-practice approach from the beginning. We'll cover service contracts, data contracts, services, proxies, hosting, and consuming. Then we'll dive into many of the additional features provided by WCF including but not limited to transactions, fault handling, and instancing. And time-permitting we may get into the basics of WCF security. You'll walk out fully armed and ready to start writing WCF services without intimidation.

You will learn:
• Knowledge of all the WCF fundamentals and some of advanced features
• WCF recommended practices in real-world
• Lots of tips and tricks for design, hosting, and WCF consuming
• Full coverage of WCF technology.
• Intro to SOA

FWK1 Workshop: Architectural Katas
Introductory / Intermediate

Ted Neward

Friday, December 9   8:00am – 5:00pm

Fred Brooks said, "How do we get great designers? Great designers design, of course." So how do we get great architects?

> **The amount of relevant information to make development and product decisions was highly beneficial and well worth the cost!**
>
> – Glenn Hanson,
>   Group Seven Technology

Great architects architect. But architecting a software system is a rare opportunity for the non-architect.

The kata is an ancient tradition, born of the martial arts, designed to give the student the opportunity to practice more than basics in a semi-realistic way. The coding kata, created by Dave Thomas, is an opportunity for the developer to try a language or tool to solve a problem slightly more complex than "Hello world". The architectural kata, like the coding kata, is an opportunity for the student-architect to practice architecting a software system. In this workshop, we'll do exactly that--architect. We'll first go over what architecture means and what the architect does, but then the focus will be on doing it. Participants will be given problems to solve, create an architecture to solve it, then defend their architecture against challenges and monkey-wrenches thrown at them from all corners.

In short, you'll be an architect without your job being on the line.

You will learn:
• Finally answer the question, "What is architecture?"
• Architecting in real-time
• Recognize when the architecture doesn't work, and how to refactor when necessary

FWK2 Workshop: ALM in 2011: Visual Studio 2010 and the Next Big Release
Intermediate

Brian Randell

Friday, December 9   8:00am – 5:00pm

In this workshop, you'll learn how to build higher quality applications that your users love using Visual Studio 2010's Application Lifecycle Management Tools and Team Foundation Server 2010.

Your users and customers really don't care about your process. They don't really care about your tools. They do care about what you build.

You can break down what a user wants to a simple idea: they want a quality user experience. Most users want their applications to have an intuitive user interface. They want it to be connected—network and Internet ready. They want it to be available—24/7 is possible. And finally, they want it to be fast.

Brian will show you how you can satisfy these four requirements by using the great tools available today. In addition, Brian will look at what's coming from Microsoft and how you can prepare to use those new tools.

You will learn:
• What a quality experience is and how to define it.
• About latest tooling Visual Studio 2010 SP1 from Professional to Ultimate
• How your team can work better with Team Foundation Server 2010 SP1
• The latest on what Microsoft has planned for the next big release

CLOUD COMPUTING

Many people believe the future of application development is in the cloud. Cloud computing offers flexible scalability and may provide a less expensive way to host many applications. Microsoft has introduced Azure as its platform for cloud computing, and has many other technologies that also work well in a cloud computing environment. Even if you aren't ready for Azure today, you owe it to yourself to become familiar with cloud computing!

W3 If Not IaaS, When Should I Use Windows Azure VM Role?
Intermediate/Advanced

Eric D. Boyd

Wednesday, December 7   9:15am – 10:30am

The Windows Azure Platform is a great cloud platform for scalable, on-demand computing power. However, there are scenarios that are not supported by Azures web and worker role abstractions. In this session, we will explore the traditional Azure web and worker compute roles and walkthrough the common challenges encountered using these. We will explore the architecture and internals of Windows Azure, and then explore the new VM Role and the scenarios that are enabled having access to OS. Finally, we will explore the tradeoffs to consider when using the Azure VM Role.

You will learn:
• Traditional challenges aided through cloud computing
• How to explain the value of cloud computing to the business
• How to identify great opportunities to leverage the value of cloud computing

W7 What is Windows Azure Marketplace DataMarket?

Michael Stiefel

Wednesday, December 7   10:45am – 12:00pm

Dallas is a data information service built on Microsoft Azure. Dallas accesses a variety of data from government, news, financial, traffic, and other sources. By providing a uniform method and format for retrieving and offering data, Microsoft has created a data marketplace.

Both large and small data providers can provide access to data to large and small development organizations in an environment where otherwise it would be highly unlikely or impossible for these groups to partner. Potentially this could lead to the democratization of data, where data can be combined with other data, in ways that could not be foreseen by the original providers. Since this data is available through a REST API, the applications that consume the data do not have to run on any particular platform.

You will learn:
• To use data provided by Microsoft Dallas in an application
• To integrate Microsoft Dallas data into an Excel spreadsheet for data analysis
• To make data available to others in Microsoft Dallas

W13 Deciding Between Relational Databases and Tables in the Cloud

Michael Stiefel

Wednesday, December 7   3:00pm – 4:15pm

When you put data in a computing cloud, the requirements of consistency, availability and partitioning can conflict. This means when building highly available and scalable applications, you may have to give up classic ACID database transactions and relational database features such as foreign keys, joins, and stored procedures. How do you then handle data versioning, and latency? The Microsoft cloud platform gives you two data technologies: Tables and Blobs, and SQL Azure. When do you use one or the other? This talk will talk about how to architect, design, and implement data storage in this new world.

You will learn:
• An understanding of how to use the two different persistence mechanisms in Azure: SQL Azure and Azure tables.
• How to use Azure tables, and relational databases when appropriate. If architects and developers do not understand how to use the appropriate means for data storage, their applications will not perform appropriately and will be unusable.
• Know how and when to use transactions and how to partition data in cloud computing.

W17 Windows Azure Platform Overview *Intermediate*

Vishwas Lele

Wednesday, December 7   4:30pm – 5:45pm

The Windows Azure platform provides a comprehensive set of services for building and running scalable applications targeted at the cloud. In this introductory session, we'll explore these new concepts and show the basics of how to get started today with the Windows Azure platform. During the course of the session, we will also see how web applications can use the scalable compute and storage services with Windows Azure, secure connectivity with Service Bus and Access Control Service, and a relational database with Microsoft SQL Azure.

TH3 Building Windows Azure Applications *Introductory/Intermediate*

Vishwas Lele

Thursday, December 8   8:00am – 9:15am

Cloud based computing offers serious financial savings for companies who want a flexible approach to building applications. Microsoft Azure provides a very compelling platform for building cloud based services. Since Azure applications can be built with .NET, you can reuse your existing skills.

Nonetheless, building a distributed cloud application is not the same as building a desktop app or even a conventional hosted application. Latency and bandwidth considerations alone change the way you structure data and pose design constraints on the relational database model. Asynchronous processing is often needed to build applications that are scalable. Since messages can be lost, or retransmitted by the sender, services have to handle redundant messaging. Data security in a public cloud is different from privately hosted applications.

This session will introduce the basic tools of Azure and will illustrate the architectural and design tradeoffs that must be made with cloud applications.

TH7 Building Compute-Intensive Apps in Windows Azure *Intermediate*

Vishwas Lele

Thursday, December 8   9:30am – 10:45am

Monte Carlo is a computation method that relies on repeated random sampling. It is essentially a non-recursive divide and conquer algorithm that can take advantage of the massive amount of parallelism, offered by the Windows Azure Platform. In this session, we will build a Monte Carlo Simulator from scratch. This will include the following functions: Submit - Ability to submit calculation jobs Monitor - Ability to monitor the progress of calculation jobs queued for execution. Analyze - Using a Silverlight based UI, visualize the results of the calculation stored in Azure Tables.

You will learn:
• Elasticity offered by Azure worker roles. Scalability offered by Azure Table. Guaranteed delivery offered by Azure Queues
• Silverlight based application for rich visualization of calculation results stored in Azure Tables
• MVC2 application hosted inside Azure Worker Role

TH11 Building and Running the Windows Azure Developer Portal *Introductory/Intermediate*

Chris Mullins

Thursday, December 8   11:00am – 12:15pm

This session focuses on designing, building, and running an Enterprise class application on Windows Azure. The Windows Azure Portal will be used as the case study, highlighting:

1. What technologies were chosen, and why. (Silverlight, ASP.Net, WCF, RIA Services, MEF, Azure, Azure Storage, etc)

2. What our software lifecycle looks like and how it interacts with Azure.

3. Different strategies that we experimented with 4. How we monitor and service the livesite.

The focus of each of the above topics will be how Azure impacts the design and execution of an Enterprise app during each phase of the application life cycle.

You will learn:
• Overview of Windows Azure and the major benefits it brings.
• How a team can deliver an Internet Scale application using Azure.
• Azure is ready for prime-time, and applications built on Azure have many advantages over classic applications.

DATA MANAGEMENT

The Microsoft platform is rich with data related technologies. The Data Management track at Visual Studio Live! Orlando focuses on some of the most important data related technologies. The information in these sessions will enable you to manage your data for Windows, RIA, Web and Cloud computing applications.

T4 So Many Choices, So Little Time: Understanding Your .NET 4 Data Access Options *Intermediate*

Lenni Lobel

Tuesday, December 6   9:15am – 10:30am

We all know that Microsoft loves to drop new data access APIs in our laps, but since .NET 3.5 SP1, and now with .NET 4.0, the variety of new capabilities and options available is unprecedented, even for Microsoft. The .NET 3.5 SP1 framework gave us Entity Framework (EF), Language-Integrated Query (LINQ), LINQ to

SQL (and a variety of other LINQ providers) and ADO.NET Data Services. Now .NET 4.0 sports a revamped EF 4.0 with N-tier support and adds on WCF RIA Services.

How do you sort out this chaos? Is conventional ADO.NET dead? Is it possible to bridge the DataSet with Silverlight? How do you build an n-tier Silverlight app using domain services and EF 4.0? Lenni will answer these questions (and more) to help demystify the Microsoft data access juggernaut. We'll compare the real advantages and disadvantages across this set of technologies so that you can choose the best architecture for your application. Attend this session and develop a clear perspective of .NET data access in today's world.

You will learn:
• The evolution of .NET data access
• How to clarify the role of conventional ADO.NET and DataSets
• About the Entity Framework
• How to leverage WCF Data Services and WCF RIA Services

W14 BI in the Cloud with SQL Azure Reporting

Eric D. Boyd

Wednesday, December 7   3:00pm – 4:15pm

Why maintain infrastructure for operational reporting, when you can do it in the cloud with SQL Azure Reporting? SQL Azure Reporting provides a set of capabilities that are familiar for developers using SQL Server Reporting Services on-premise. We will begin this session by considering the benefits and scenarios for BI in the cloud. Next, we will walkthrough what you need to get started using SQL Azure Reporting. We will then develop and deploy some reports to SQL Azure Reporting. Unfortunately, SSRS and SQL Azure Reporting do not have complete feature parity. As a result, we will conclude by reviewing the challenges and limitations of using SQL Azure Reporting over SQL Server Reporting Services.

You will learn:
• Benefits of BI in the Cloud
• Capabilities of SQL Azure Reporting
• How to create and deploy reports to SQL Azure Reporting
• Understanding the limitations of SQL Azure Reporting

W18 Overview of Project 'Crescent'

Andrew Brust

Wednesday, December 7   4:30pm – 5:45pm

> " The leadership and speakers [at Visual Studio Live! Orlando] are top notch. "
>
> – Jim Hellmann,
>   Visual Studio Programmer, McKee Foods Corporation

TH13 Using Code First (Code Only) Approach with the Entity Framework
Introductory

Sergey Barskiy

Thursday, December 8   1:30pm – 2:45pm

Sessions will include high level overview of Entity Framework and how various approaches to use it fit into application development lifecycle. Then I will build POCO classes that entity framework can use to create database as well as perform CRUD operations against the database. Various attributes that are included out of the box will be covered. This will include columns constraints, relationships, etc. I will show you how ASP.ENT MVC 3 can utilize entity framework code first metadata to build automatic validation of user input.

You will learn:
• How to build data access layer with Entity Framework Code First
• About validation approaches using POCO classes
• Fluent API and attribute based configuration option

TH15 The LINQ Programming Model
Introductory

Marcel de Vries

Thursday, December 8   1:30pm – 2:45pm

This session will show in what way developers can leverage the power of LINQ. This session will not dive into how LINQ works but for a change will give you an idea on what you need to know as the programmer using LINQ and how you can apply it to different parts of your work including manipulating in memory objects, data from a database and of course XML.

This session will start with an introduction to the LINQ syntax. From this introduction we take a journey into the different available technologies that ship with Visual the .NET framework and are LINQ enabled. These technologies include XLINQ, LINQ to DataSets and Entity Framework.

DEVELOPING SERVICES

The Internet is shifting from a provider of HTML content to a provider of data and behavior through services. The .NET platform provides support for REST, SOAP and OData through WCF (Windows Communication Foundation), Windows Server AppFabric, and other key technologies.

T3 AppFabric, Workflow and WCF - The Next Generation Middleware
Introductory

Ron Jacobs

Tuesday, December 6   **9:15am – 10:30am**

Imagine a future where you can write a composite (N-Tier) app and quickly deploy it to a server, public or private cloud.

Where the platform supports elastic scale, stateless and partitioned stateful services. In this session you will learn how you can take advantage of this powerful new platform.

You will learn:
• What AppFabric is and where it is going in the future
• How you can create services and workflows using this new platform
• How to publish, manage and monitor apps using AppFabric

T7 What's New in WCF 4 *Advanced*

Ido Flatow

Tuesday, December 6   **10:45am – 12:00pm**

Windows Communication Foundation (WCF) is one of the leading technologies for building distributed applications. WCF 4 introduces many enhancements and new features such as simplified configuration, discovery, routing services, better integration with IIS, and improved support for building RESTful services. In this session we will examine these improvements of WCF 4 and how they affect the way we create and consume WCF services.

You will learn:
• New features of WCF 4 for developers
• New Discovery and Routing services in WCF 4
• How WCF 4 exposes RESTful services

T13 Creating Scalable Stateful Services Using WCF and WF *Intermediate*

Marcel de Vries

Tuesday, December 6   **3:00pm – 4:15pm**

Most people know today that a stateless programming model is one that scales the best. But how can you build services that act upon message exchange patterns without managing all the state yourself. How can you build a system that recovers from system reboots without even bothering about it? In this session I will

show how you can build stateless WCF services that appear to be stateful by leveraging Windows Workflow Foundation. We will use the concept of Workflow Services to implement a SOA based architecture that is resilient to system reboots while implementing stateful message exchange patterns.

You will learn:
• Core concepts that provide scalability
• To leverage Windows Workflow foundation as an architectural building block
• To leverage Workflow Services
• To handle message correlation
• To implement long running work without blocking the call

T17 AppFabric Caching: How It Works and When You Should Use It
Intermediate/Advanced

Jon Flanders

Tuesday, December 6   **4:30pm – 5:45pm**

Caching is a key technology to improving application performance and scale by taking the load off your database and moving into distributed memory, frequently used data that is very close to the application components accessing it. This session focuses on AppFabric Caching technology from Microsoft and provides a technical view of how developers can take advantage of it. The AppFabric Cache has both a cloud service on Windows Azure AppFabric as well as an on-premise version that is part of Windows Server AppFabric - we examine the key differences between the two. Finally, the session covers the key scenarios that the Cache is being used in and the value gained.

W10 Chalk Talk: Building RESTful Services with WCF

Jon Flanders

Wednesday, December 7   **1:30pm – 2:45pm**

PROGRAMMING PRACTICES

While individual technologies are important, project success is as much about the intangibles as the technology. This Visual Studio Live! Orlando track focuses on the things we all know we need to do for success. These include building and maintaining healthy teams; supporting those teams by leveraging methodologies such as SCRUM and Kanban; and tools such as Visual Studio testing and Team Foundation Server (TFS).

TH17 Using MEF to Develop Composable Applications *Advanced*

Ben Hoelting

Thursday, December 8   **3:00pm – 4:15pm**

There are multiple frameworks out there for building composable applications, such as Prism from the Patterns & Practices group at Microsoft. In addition there are tons of Content Management Systems (CMS) that allow you to easily compose\build web based applications. Most of these frameworks and CMS tools come with a hefty learning curve and rarely come with all the features you need forcing you to write custom code anyway. Sometimes it's easier to write a simple and extendable framework yourself. The Microsoft Extensibility Framework (MEF) is a tool that allows applications to load assemblies without recompilation. This session will go in depth on how to create a simple framework that loads and composes functionality using MEF. Building a framework allows organizations to create applications quickly by reusing the core of that framework. Many organizations struggle with the open source vs. buy vs. build question. This session will provide some guidelines to help you make this decision.

You will learn:
• The ins and outs of Microsoft Extensibility Framework (MEF)
• The benefits of building your own composabililty framework
• Some guidelines to answer the open source vs. buy vs. build question

SILVERLIGHT/WPF

Windows Presentation Foundation (WPF) and Silverlight are rapidly becoming the dominant UI technologies for Windows clients and Windows Phone devices. This Visual Studio Live! Orlando track has sessions to get you up to speed on these technologies and help you transition from previous UI technologies. If you are already familiar with the technologies, we have sessions that will build your skills and help you reach the next level of productivity.

T2 Intense Intro to Silverlight
Introductory/Intermediate

Billy Hollis

Tuesday, December 6   **9:15am – 10:30am**

Haven't gotten into XAML/Silverlight yet? Or poked at it for a few hours and came away without much understanding? This is the session you need for a ground-zero explanation of the most important basic concepts, including the ones that are radically different from UI technologies you've used before. You'll see basic structure of XAML and how you use it to compose elements together instead of simply dragging controls onto a surface. You'll see an overview of data binding, templating, control "content", styling, and animation, and how all these combine to give you radically more flexibility for your apps. Plus, you'll see some of the main potholes to avoid as you get started. Put your running shoes on and come prepared for a fast-paced, intense introduction to Silverlight.

You will learn:
• Basic understanding of how XAML-based UI differs from other UI technologies
• How to leverage the flexibility in Silverlight for better line of business applications
• How to avoid some of the common pitfalls encountered by beginning Silverlight developers

T6 XAML: Achieving Your Moment Of Clarity *Introductory*

Miguel Castro

Tuesday, December 6   **10:45am – 12:00pm**

Still find XAML intimidating? Well, throw in MVVM and certain design practices and it can get worse. But the truth is that it isn't as complicated as it appears to be. In this short session, I'll give you the basics of how XAML works. I'll cover its syntax, control usage, the visual tree, and the scariest animal of all, binding. I'll give you your moment of clarity, I promise.

You will learn:
• Understanding of XAML controls
• XAML layout techniques
• XAML data binding

T9 Chalk Talk: What's New and Cool in Silverlight 5 *Introductory/Intermediate*

Pete Brown

Tuesday, December 6   **1:30pm – 2:45pm**

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

T12 Fundamental Design Principles for UI Developers *Introductory*

Billy Hollis

Tuesday, December 6   **3:00pm – 4:15pm**

New UI technologies increase user expectations, and developers need to ramp up better design sensibilities to help meet that challenge. Billy Hollis distills out the most important concepts and ideas for developers to learn and understand when they take on a more design oriented role. Design concepts covered include use of color and animation, progressive disclosure, prototyping processes, aesthetic-usability effect, feedback loops, recognition vs. recall, and several others. If you expect to design XAML-based user interfaces, or work with a professional designer on a project, this session is a great starting point.

T16 Bind Anything to Anything in XAML *Introductory*

Rockford Lhotka

Tuesday, December 6   **4:30pm – 5:45pm**

The XAML markup language was designed around the idea of binding. Not just data binding, but binding between UI controls, data objects and other resources. In fact you can almost bind anything to anything else. The result is the ability to build amazing user interfaces and experiences with little or no code outside the XAML. Learn how to use binding in WPF, Silverlight and WP7.

You will learn:
• Binding between UI controls, data objects and other resources
• How to build amazing user interfaces and experiences with little or no code outside the XAML
• How to use binding in WPF, Silverlight and WP7

W6 A Lap Around WPF v.next

Pete Brown

Wednesday, December 7   **10:45am – 12:00pm**

W9 Chalk Talk: Advanced Patterns with MVVM in Silverlight and Windows Phone 7 *Intermediate*

John Papa

Wednesday, December 7   **1:30pm – 2:45pm**

Ever wonder what the MVVM pattern is, why it exists, when it works well, and what parts you may want to use or not use? In this session I'll discuss all of these topics and go through important scenarios including messaging, child windows, testing with design timed data, tombstoning, dialogs, and how to apply these principals to both Silverlight desktop and Windows Phone 7 applications.

You will learn:
• MVVM fundamentals and binding techniques
• Tombstoning
• Design Time data
• Development time data
• Commanding and Behaviors
• Messaging

W12 Light Up on Windows 7 with Silverlight and WPF *Intermediate/Advanced*

Pete Brown

Wednesday, December 7   **3:00pm – 4:15pm**

Silverlight and WPF applications can both light up on Windows 7, using things like taskbar pinning, speech synthesis, and the sensor and location API. In this session we'll see how to make your Silverlight apps look great and look native using COM, platform API calls, and the Native Extensions, and tap the power that used to be available only to WPF developers.

You will learn:
• How to use COM from Silverlight
• How to call the Windows 7 specific APIs from WPF
• How to call the Windows 7 specific APIs from Silverlight

W16 Radically Advanced Templates for WPF and Silverlight

Billy Hollis

Wednesday, December 7   4:30pm – 5:45pm

Data templates and controls templates allow user interfaces in XAML unlike anything available in most other technologies. However, most XAML applications look like colorized versions of older applications, with too many data grids and lists with no feedback. This session challenges you to do better. Both technical and design techniques are discussed for creation list interfaces that make the user more productive and effective. You'll first learn the basic technologies needed for templating, and then see how to use Expression Blend to create data and control templates that open up completely new ways to provide the user with information and feedback.

TH4 REST with Silverlight 5, WCF Web API, and a little ASP.NET MVC3

Pete Brown

Thursday, December 8   8:00am – 9:15am

Learn how to build out a Silverlight front end with an MVC and WCF back end.

TH12 Multi-Touch Madness!
Intermediate

Brian Peek

Thursday, December 8   11:00am – 12:15pm

Multi-touch technology is popping up everywhere, most recently in Windows 7 and various .NET technologies. Windows 7 has been designed from the ground-up with multi-touch in mind, and the newest versions of WPF and Silverlight are multi-touch capable as well. In this session I will take you through the 4 biggest areas of Microsoft multi-touch technology: Windows 7, WPF4, Silverlight, Windows Phone 7, and Surface. You will learn how to make your applications multi-touch aware and capable using each of these platforms, and learn where multi-touch is heading in the future with regard to Microsoft development.

You will learn:
• How to develop multi-touch applications in Silverlight 3 / 4
• How to develop multi-touch applications in WPF 4
• How to develop multi-touch applications in Surface (including the forthcoming Surface Toolkit for Windows Touch)

VISUAL STUDIO 2010 / .NET 4
Everything rests on .NET, and .NET 4 has exciting capabilities that apply to any type of .NET application. Of course your gateway to all .NET development is Visual Studio 2010, which enhances many existing Visual Studio features and adds others. Perhaps most exciting are the new features around debugging, architecture and application lifecycle management (ALM). We'll give you the information you need to understand and leverage the power of .NET 4 and Visual Studio 2010.

T10 Chalk Talk: Building Applications Using CSLA .NET *Introductory*

Rockford Lhotka

Tuesday, December 6   1:30pm – 2:45pm

W4 Team Foundation Server Build Automation Inside Out

Marcel de Vries

Wednesday, December 7   9:15am – 10:30am

In this session I will dive into the way Team Foundation server automated build works. I will show how windows workflow foundation is used to drive the build process and how the architecture of build controllers and agents work. I will show you how Team build utilizes the windows Workflow 4 infrastructure and how you can customize the default templates that ship with the product. I will show you how you can add custom steps in your build and even build your own steps using WF 4. I finally will show you how you can add full custom editing experience in the build definition dialogs for custom properties you want to add to the build.

You will learn:
• Based on the default build experience in TFS 2010, learn how to change the build so it includes new steps required for your product
• Learn how to build customizations in such a way they can be maintained in an easy way
• Learn how to use additional features of the build environment so you can ease the use of your template for other team members, by extending the parameter editing experience

"Great variety of topics presented within a good set of tracks. The tracks were organized well to allow attendees to explore several topics fully during the course of the conference."

– David MacIntosh, Dev. Team Manager, Agilysys, Inc.

W8 Unleash The Power: Implementing Custom Shells, Silverlight Custom Controls and WCF RIA Services in LightSwitch
Intermediate/Advanced

Michael Washington

Wednesday, December 7   10:45am – 12:00pm

Do not be fooled into believing that Visual Studio LightSwitch is only for basic forms over data applications. LightSwitch is a powerful MVVM (Model - View- View Model) application builder that enables you to achieve incredible productivity.

LightSwitch Silverlight Custom Controls, and WCF RIA Services, provide the professional developer, the tools to unleash the power of this incredible product.

In this session you will learn that there is practically nothing you can do in normal Silverlight application that you cannot do in LightSwitch.

• When you use a Custom Shell, and Silverlight Custom Controls, you have 100% control of the user interface.

• WCF RIA Services, allow you to access any data source, and to perform complex Linq queries, and operations that are normally not possible in LightSwitch.

You will learn:
• How to create and implement Silverlight Custom Controls in LightSwitch
• How to create and consume WCF RIA Services
• How to use a Custom Shell to have total control over your user interface

TH16 Application Lifecycle Management and Visual Studio: What's Next *Introductory/Intermediate*

Brian Randell

Thursday, December 8   1:30pm – 2:45pm

Visual Studio 2010 and Team Foundation Server 2010 delivered great tools and technologies to help you build better applications. But what's next? Microsoft has slowly been revealing what's next and in this session, Brian will provide a show & tell of what you can expect in Microsoft's next big release.

You will learn:
• What is ALM
• About key deliverables in Visual Studio 2010 ALM
• What Microsoft has in store for the next release

TH20 Visual Studio v.Next
Intermediate/Advanced

Brian Randell

Thursday, December 8   3:00pm – 4:15pm

With Visual Studio 2010, Microsoft delivered great tools for building rich client and server applications. Whether it was for the web or a rich client application using the multiple cores, Visual Studio continued to be home base for developers who want to build the best solutions.

But what's next? Microsoft has slowly been revealing what's next and in this session, Brian will provide a show & tell of what you can expect in Microsoft's next big release for the Visual Studio for Professional developers.. What will you be able to build? Come to this session to find out what the tools look like and what you can expect in 2012 and beyond.

You will learn:
• About key deliverables in Visual Studio 2010
• What Microsoft has in store for the next release
• What technologies and trends will be important for developers in 2012 and beyond

WEB / HTML5

The Web is undergoing a transitional shift as more parts of HTML 5 emerge in various browsers. At the same time, Microsoft's embrace of jQuery as a tool for enabling rich behaviors and interactivity in the browser impacts how every ASP.NET developer thinks about building web applications, whether with Web Forms or MVC. Microsoft continues innovating in the web development space with Web tools and technologies such as ASP.NET MVC 3, WebMatrix, and Razor.

T1 HTML5 & CSS3 Mini-Bootcamp for ASP.NET Developers *Intermediate*

Todd Anglin

Tuesday, December 6   9:15am – 10:30am

HTML5 and CSS3 have arrived and they are redefining rich, standards-based web development. Effects previously the exclusive domain of browser plug-ins can now be added to web applications as easily as images. Understanding the new power that these standards define and how modern browsers and devices are supporting them is essential. In this mini-bootcamp, you will be guided through the new features in HTML5 and CSS3, with special attention to how these technologies can be used today in new and old browsers. Leave with the practical knowledge you need to start using HTML5 and CSS3 in your ASP.NET applications today.

You will learn:
• Essential new features defined by HTML5 and CSS3
• Techniques for using HTML5 and CSS3 features in all browsers
• How to rapidly adopt HTML5 and CSS3 in ASP.NET and Visual Studio

T5 The HTML5 Mullet: Form Input and Validation *Intermediate*

Todd Anglin

Tuesday, December 6   10:45am – 12:00pm

Really, it's the HTML5 Reverse Mullet. Party in the front, business in the back. Most talk about HTML5 generally revolves around the fun and exciting technologies like Geolocation, Video, and the powerful styling CSS3 brings to the party. But how useful is HTML5 for business apps? HTML5 promises a number of new features in browsers that will make data entry and validation easier for developers and end-users. In this session, you will learn how HTML5 is helping business developers simplify working with data and input validation, and see practical techniques for leveraging these features across all browsers, old and new.

You will learn:
• How to use HTML5 Forms and input validation
• Techniques for bridging the gap to older browsers that lack HTML5
• How to customize the default browser HTML5 Forms experience

T11 Learning MVC - for the Web Forms Developer

Adam Tuliper

Tuesday, December 6   3:00pm – 4:15pm

T15 MVC, Razor, and jQuery - The New Face of ASP.NET *Intermediate*

Ido Flatow

Tuesday, December 6   4:30pm – 5:45pm

Since .NET 4 came out, we've seen many new technologies - new versions for ASP.NET MVC, improved jQuery plug-ins, and the new Razor view engine. In this session we'll learn how to incorporate all these technologies to build the new generation of ASP.NET web applications.

You will learn:
• Understand the architecture of ASP.NET MVC
• Learn about the Razor view engine for ASP.NET MVC
• Learn how to use jQuery in your ASP.NET MVC applications

> **Overall a great experience! I really enjoyed having the opportunity to hear and see some of the great speakers that I'm familiar with from the many software products that are out there.**
>
> – Alex Shields, Visual Studio Programmer, Trizetto

W1 Creating a Data Driven Web Site Using WebMatrix and ASP.NET Razor *Introductory*

Rachel Appel

Wednesday, December 7   9:15am – 10:30am

The Razor syntax is a new feature of both ASP.NET Web Pages and ASP.NET MVC. In this session you will learn how to use Microsoft's new tool for web development, WebMatrix for building ASP.NET Web Pages with the Razor syntax. Also during this presentation, you'll discover how easily you can create fully-featured, database-driven web sites in little time using the built-in WebMatrix templates and tools and SQL CE 4.0.

W2 JavaScript and CSS 3 Patterns for HTML 5 *Introductory/Intermediate*

John Papa

Wednesday, December 7   9:15am – 10:30am

W5 Hack Proofing Your Asp.Net Web Forms and MVC Applications

Adam Tuliper

Wednesday, December 7   10:45am – 12:00pm

W11 How Orchard CMS Works *Introductory*

Rachel Appel

Wednesday, December 7   3:00pm – 4:15pm

In this presentation, Rachel will begin with an overall introduction to the Orchard Open Source project on CodePlex, then move on to how the system works by discussing features such as Settings, Modules, Widgets, the Core and others. During the presentation you'll dive deeper into the architecture and mechanics of Orchard as well and finish by deploying the final product.

W15 HTML5 and Internet Explorer 9: Developer Overview *Introductory/Intermediate*

Ben Hoelting

Wednesday, December 7   4:30pm – 5:45pm

Internet Explorer 9 has been released into the wild. IE9 supports the latest WC3 standards for HTML5. IE9 has many additional features that developers can take advantage of. This session will start by defining HTML5/IE9 and why it is a game changer in the web world. Next we will discuss what HTML5/IE9 brings to the developers toolbox and how it works with Visual Studio

2010 SP1. 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 IE9 and HTML5
- IE9/HTML5 developer features and why they are important
- How Visual Studio 2010 SP1 can build HTML5 enabled websites
- What IE9/HTML5 features are ready today and what the future may bring

TH1 Getting Started with ASP.NET MVC *Intermediate*

Philip Japikse

Thursday, December 8   8:00am – 9:15am

There's a lot of talk about ASP.NET MVC. What does it mean for you, the ASP.NET WebForms developer? Do you have to relearn the entire web development stack? Will it even run on IIS? I will show you, the ASP.NET WebForms developer, what you need to know to start using ASP.NET MVC, as well as make an informed decision between ASP.NET MVC and ASP.NET WebForms for your next project.

You will learn:
- The differences between ASP.NET MVC and ASP.NET WebForms
- How to create MVC applications
- The differences between the WebFormsViewEngine and Razor

TH5 Test Driving ASP.NET MVC
Intermediate/Advanced

Philip Japikse

Thursday, December 8   9:30am – 10:45am

There are many benefits to the ASP.NET MVC framework, and one of the biggest is the testability. You will learn to test your routes, controllers, and models BDD style with MSpec and MbUnit, and use the free WebAii framework to certify the user interface.

You will learn:
- How to write testable ASP.NET MVC applications
- How to test ASP.NET applications, including routing, controllers, and models
- How to test the User Interface (all using free/open source tools)

> **" I have identified at least 5 talks that I have to have with my organization. "**
> – Jonathan Shea, Senior Architect, Harris Corporation

TH9 Busy Developer's Guide to (ECMA/Java)Script *Introductory/Intermediate*

Ted Neward

Thursday, December 8   11:00am – 12:15pm

ECMAScript, better known by its original name, Javascript, remains one of the most popular—and misunderstood—programming languages in use today. While most developers see Javascript as a crippled form of its namesake (Java), it turns out that ECMAScript represents a powerful dynamically-typed language, easily equal to the other popular dynamic languages of the day (Python or Ruby). In this presentation, we'll take a fresh look at the ECMAScript language, examine its basic structure and syntax, and look at how it manages objects internally. Then, with the basics out of the way, we'll start to examine the more interesting parts of the language, and wrap up with some discussion of how ECMAScript can be integrated into more than just a web browser to provide extension capabilities.

You will learn:
- The power of the ECMAScript language
- How to use ECMAScript outside of a browser
- A deeper understanding of how libraries like jQuery, dojo, or Prototype work internally

TH18 Data Binding and MVVM Patterns in HTML 5

John Papa

Thursday, December 8   3:00pm – 4:15pm

WINDOWS PHONE 7

Windows Phone (WP) is here and WP devices are now available from all four major US mobile carriers. The Fall 2011 "Mango" update, and Nokia's adoption of Windows Phone as its primary smartphone standard, will add even more momentum to this increasingly popular smartphone platform. This Visual Studio Live! Orlando track will familiarize you with technologies and the user interface conventions you need to build applications for Windows Phone and move your development skills into the smartphone arena.

T14 Living the Dream: Make the Video Game You've Always Wanted and Get Paid for It! *Introductory*

Dave Isbitski

Tuesday, December 6   3:00pm - 4:15pm

Have you ever dreamed of writing your own video game but didn't know where to start? During the past five years Microsoft's XNA framework has become a favorite of Windows and Xbox game developers everywhere. XNA uses the same great Visual Studio development environment you are used to but brings a slew of

features specifically for games development. With the release of Windows Phone last year XNA can now be used to create Windows Phone games exposing your ideas to a whole new marketplace! We'll charge full speed into XNA to learn about the basic Windows Phone model, explore its core device characteristics, and review highlights of the XNA phone framework. Finally, we'll explore some of the cool games that have been developed specifically for Windows Phone and even learn how to build one ourselves.

You will learn:
• Get up to speed on utilizing Microsoft XNA Tools for Windows Phone
• Get exposed to freely available third party tools and frameworks that will help jumpstart your game
• Learn how to make money through in game Advertising as well as the new Trial mode on Windows PhoneWalk away with the foundation for a game we will build first hand during the session

TH2 XNA Games for Windows Phone 7 *Intermediate*
Brian Peek
Thursday, December 8   **8:00am – 9:15am**

You have Silverlight on Windows Phone 7 under control, but what about XNA? If you're looking to create a more advanced game with better performance than Silverlight, XNA is the platform for you. In this session, developers will learn how to build an XNA game targeted for Windows Phone 7. The basics of the platform will be demonstrated while building a simple Space Invaders-type game that would be Marketplace acceptable. Specifically, this session will cover how to deal with user input, play sound effects and music, display animated 2D graphics, and how to create a game that's ready to be sold on the Marketplace.

You will learn:
• The basics of XNA development on Windows Phone 7
• How to handle user input on the device
• How to play sound effects and music
• How to 2D display graphics
• How to package it all up into a game ready to be sold

> **I liked the range of topics covered. It allowed me to get exposure to several different aspects of software development where I'm not well informed; then I could choose the most interesting or useful and continue my education on those topics, independently.**
>
> – Dan McConaughey,
>   ASP.NET Programmer, Orrick, Herrington & Sutcliffe

TH6 Working with Data on Windows Phone 7 *Intermediate*
Sergey Barskiy
Thursday, December 8   **9:30am – 10:45am**

I will talk about various approaches to work with data on Windows Phone 7. I will cover all major concepts, such as local storage, OData/WCF Data Services and custom WCF services. I will demonstrate how to retrieve data and save changes locally or to a remove web server. I will build demos for all technologies step-by-step.

You will learn:
• About options to persist the data on Windows Phone 7
• About pros and cons of each technologies
• Knowledge to build a Windows Phone application that publishes and/or consumes data

TH10 Building Native Mobile Apps with HTML5 & jQuery *Advanced*
Jon Flanders
Thursday, December 8   **11:00am – 12:15pm**

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, Andriod, 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.

TH14 Getting Started with Windows Phone 7 *Introductory/Intermediate*
Scott Golightly
Thursday, December 8   **1:30pm – 2:45pm**

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.

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

VISUAL STUDIO LIVE! ORLANDO SPEAKERS

Todd Anglin - *Chief Evangelist, Telerik*

Todd Anglin is Chief Evangelist for Telerik, a leading provider of development tools and UI components for .NET. Before joining Telerik, he worked for a large Fortune 200 financial services company where he learned the way of the "Enterprise" – big budgets, big projects, legacy systems, and incessant measurement. He now leverages this Enterprise experience to help Telerik make components that make the lives of all developers as easy as possible. Todd is an active author and speaker in the .NET community, focusing on web development technologies, a Microsoft MVP, founder and President of the North Houston .NET Users Group, and an O'Reilly author.

Rachel Appel - *Developer Evangelist, Microsoft*

Rachel works as a developer evangelist for Microsoft based in the NYC Metro area. Previous to joining Microsoft, Rachel has worked with a variety of languages, technologies and systems. She has developed software products of all sizes, from small desktop programs to large scale enterprise applications at some of the world's leading companies. Rachel's expertise lies within developing solutions that align business and technology using the Microsoft .NET family of products, particularly ASP.NET & SQL Server. She is also a recognized speaker who can be found giving talks at national conferences such as DevConnections, MIX, CodeStock and others. Rachel is also an alumni of the Microsoft MVP award program and INETA Speakers Bureau.

Sergey Barskiy - *Principal Consultant, Magenic Technologies*

Credentials: Microsoft MVP, MCSD, MCTS, MCDBA, MCAD, MCP I am a principal consultant with Magenic Technologies. I am a Microsoft MVP in Data Platform category. I have the following certifications: MCSD for .NET, MCAD for .NET, MCDBA, MCP. I have been working with Microsoft products for 13+ years. I worked with SQL Server, VS.NET and .NET framework for many years. I enjoy what I do and try my best to keep up with rapidly evolving industry. I frequently speak at various events around Atlanta.

Eric D. Boyd - *Director, Chicago + Cloud Practice, Centare Group, Ltd.*

Credentials: Professional Scrum Developer (PSD), MCTS Eric D. Boyd is a Director for Centare Group, Ltd. and is responsible for their Chicago business and Cloud Computing Practice. 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 primarily helps Fortune 500 companies with software development practices and cloud computing in the Chicago-Milwaukee area.

Pete Brown - *Community Program Manager Lead, Microsoft Developer Guidance*

Credentials: ninja 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, Surface, Windows Forms, C++, Native Windows API and more). Pete

is the author if Silverlight 4 in Action, published by Manning Publications. From his first sprite graphics and custom character sets on the Commodore 64 to 3d modeling and design through to Silverlight, Surface, XNA, and WPF, Pete has always had a deep interest in programming, design, and user experience. His involvement in Silverlight goes back to the Silverlight 1.1 alpha application that he co-wrote and put into production in July 2007. Pete has been programming for fun since 1984, and professionally since 1992.

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.

Marcel de Vries - *Technology Manager, Info Support*

Marcel spends most of his time helping customers build enterprise systems based on Microsoft Technology. He has been working with Microsoft technology since he graduated in Computer Science in 1996. He started mainly with C/C++ and MFC. When Microsoft launched its new .NET platform in he immediately used it to write the first commercial application to go life in the Netherlands based on ASP.NET. Marcel writes articles and whitepapers on .NET and Team System for MSDN, Architecture journal and Dutch local magazines like .NET magazine. Marcel is a frequent speaker at conferences like Microsoft Developer Days, SDC, MCT Summit and is besides his work as an IT Architect consultant at large bank and insurance companies also Technology Manager at Info Support and a Microsoft Certified trainer. As a trainer he teaches courses on Visual Studio ALM, Windows Workflow Foundation and Mobile development. Marcel is a Visual Studio ALM MVP and Microsoft Regional Director for the Netherlands.

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 Consultant, Sela Group*

Credentials: MCPD Web 4, Microsoft Community Contributor 2011 Award Senior consultant and lecturer at SELA Group. I have over 14 years of experience in developing, designing and managing information systems, and today I'm consulting and lecturing on Entity Framework and Web technologies, such as WCF, ASP.NET, IIS, and Silverlight. I'm the author of Microsoft's Official WCF 4 course (10263A), and co-author of the book "ASP.NET 4 Programmer's Reference" (ISBN 0470505451).

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*

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.

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

Dave Ibitski - *Sr. Developer Evangelist, Microsoft*

Dave Isbitski is a Sr. Developer Evangelist with Microsoft covering Windows, Windows Phone and Xbox. He enjoys talking about technology and has taught full-day courses on numerous Microsoft topics as well as being a presenter at VSLive!, ReMix, XAMLFest, CodeCamps and other community events. Dave can be found on Twitter at @TheDaveDev and his blog http://CoolStuffWith.Net.

Ron Jacobs - *Sr. Program Manager, Microsoft*

Ron Jacobs is a Sr. Program Manager in the Microsoft AppFabric Development Platform group based at the company headquarters in Redmond Washington. Ron's focus is Windows Communication Foundation (WCF) and Windows Workflow Foundation (WF) and AppFabric. Since 1999 Ron has been a product and program manager on various Microsoft products including the .Net Framework, Windows Communication Foundation and COM+. A top-rated conference speaker, author and podcaster, Ron brings over 25 years of industry experience to his role of helping Microsoft customers and partners to build architecturally sound and secure applications.

Philip 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), is a Firefighter/Paramedic, and a volunteer for the Ski Patrol. You can follow Phil on twitter via www.twitter.com/skimedic and read his blog at www.skimedic.com/blog.

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 - *Principal Technology Evangelist, Magenic*

Rockford Lhotka is the author of numerous books, including the new Expert C# 2008 Business Objects book. He is a Microsoft Regional Director, MVP and INETA speaker. He contributes to several major magazines and regularly presents at major conferences around the world. Rockford is the Principal Technology Evangelist for Magenic (www.magenic.com), a company focused on delivering business value through applied technology and one of the nation's premiere Microsoft Gold Certified Partners. For more information go to www.lhotka.net.

> **Speakers were great and the topics chosen were perfect for the current technology. Thank you again Visual Studio Live! for a terrific conference. Looking forward to the next one.**
>
> – Daniela Trapani, USAF - Warfighter's Edge

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 twentysix 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, VSLive, 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.

Chris Mullins - *Senior Software Engineer, Microsoft*

Credentials: Former C# MVP, MCPD:EAD, MCSD, (many) MCTS, MCP, etc Chris builds public facing, internet scale applications running on Windows Azure. These applications are build using a combination of Windows Azure, Silverlight, ASP.Net, WCF, and RIA Services. Chris is the senior developer for https://windows.azure.com. This site is the primary portal for user interaction with Windows Azure. Before joining Microsoft, Chris was a C# MVP.

Ted Neward - *Architectural Consultant, Neudesic*

Ted Neward is a programming language, virtual machine, and enterprise-scale system architect. He has written a dozen books and hundreds of articles on .NET, Java, enterprise systems, and programming languages. He resides in the Pacific Northwest. He can be found on the Internet at http://www.tedneward.com, particularly his weblog at http://blogs.tedneward.com.

John Papa - *Sr Technical Evangelist, Microsoft*

John Papa is a Sr Technical Evangelist for Microsoft (formerly a Microsoft Silverlight MVP, INETA speaker, and member of the WPF and Silverlight Insiders). John, author of 70+ articles and authored 10 books, specializes in professional application development with Microsoft technologies including Silverlight, WPF, C#, .NET and SQL Server. He can often be found speaking around the world at industry conferences and hosts the popular show Silverlight TV on Channel 9. John also hosts the annual Silverlight MIXer, a gathering of some of the most influential members of the Silverlight community. He also hosted and organized the 2010 Silverlight Firestarter event, with tens of thousands of live viewers. You can always find John at johnpapa.net or on twitter at @john_papa

Brian Peek - *Senior Consultant, ASPSOFT, Inc.*

Brian is a Microsoft C# MVP who has been actively developing in .NET since its early betas in 2000, and who has been developing solutions using Microsoft technologies and platforms for even longer. Along with .NET, Brian is particularly skilled in the languages of C, C++ and assembly language for a variety of CPUs. He is also well-versed in a wide variety of technologies including web development, document imaging, GIS, graphics, game development, and hardware interfacing. Brian has a strong background in developing applications for the health-care industry, as well as developing solutions for portable devices, such as tablet PCs and PDAs. Additionally, Brian has co-authored the book "Coding4Fun: 10 .NET Programming Projects for Wiimote, YouTube, World of Warcraft, and More" published O'Reilly. He previously co-authored the book "Debugging ASP.NET" published by New Riders. Brian is also an author for MSDN's Coding4Fun website. You can reach Brian 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 VSLive!, Tech•Ed, and the PDC. In addition, Brian shares through the written word. Brian currently writes the Team System column for MSDN Magazine.

Michael Stiefel - *President, Reliable Software, Inc.*

Michael Stiefel, principal of Reliable Software, Inc. is a consultant on software architecture and development, and the alignment of information technology with business goals. His current work involves: * Distributed application development and implementation such as Software as a Service * Software best practices in Microsoft .NET * Technologies such as Microsoft Azure, Windows Communication Foundation, and SQL Server. * Advising on IT strategy and planning, including budgeting, hiring, and growth management, including the appropriate use of Agile development * Requirements analysis and project planning He is currently a member of the OASIS Identity in the Cloud Technical Committee. As a member of an OASIS Technical Committee he helped develop a core SOA Reference Model and related Reference Architectures. He was a Lecturer in the Aeronautics and Astronautics Department at the Massachusetts Institute of Technology where his research and teaching focus was understanding how people build mental models in order to solve problems. As Adjunct faculty, Stiefel has taught graduate and undergraduate software engineering courses at Northeastern University and Framingham State University. Michael Stiefel's education is from Massachusetts Institute of Technology, He is an active member of the IEEE Consultant's Network.

Adam Tuliper - *Software Architect, Cegedim*

Adam Tuliper has been developing software for over 15 years. He started his work in security and reverse engineering (x86 based - pre .NET) with the direction of going into the software protection and anti-piracy field. This gave him a foundation for learning the internals of other technologies from Win32 systems to CLR systems. Besides development, he has performed security audits and penetration testing for large and small companies alike. Adam currently works as a Software Architect for Cegedim and is working on a 'Security in Development' video training series.. He has been deeply involved in .NET internals since early beta and currently works extensively with WCF, ASP.NET, SQL Server, MVC, C#, jQuery, and Silverlight. He is a Certified Scrum Master and an MCPD Enterprise Application Developer.

Michael Washington - *Programmer, ADefWebserver.com*

Michael Washington is the founder of LightSwitch.ADefWebserver. com. He is an ASP.NET, C#, and Visual Basic programmer. He has extensive knowledge in process improvement, billing systems, and student information systems. He is a Microsoft Silverlight MVP. Michael has a son, Zachary and resides in Los Angeles with his wife Valerie.

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Founded by industry experts in 2001, **Syncfusion, Inc.** provides the broadest range of enterprise-class software components and tools for the Microsoft .NET platform. Working with Syncfusion, developers can move beyond simply coding applications to delivering real business innovation—the elegant user interfaces, business intelligence dashboards, and sophisticated reporting that today's business users need, in the formats they demand. Our award-winning .NET components and controls are designed to meet your evolving development needs, whether you're working in Silverlight, ASP.NET MVC, ASP.NET, WPF, or WinForms. At Syncfusion, we uncompromisingly strive for excellence in order to offer the very best value to our customers—from small ISVs to Fortune 100 companies. Visit syncfusion.com to test drive our components FREE for 30 days! Visit us at: www.syncfusion.com

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VISUAL STUDIO LIVE! COMPLETE CONFERENCE & HOTEL PACKAGE	Standard (after November 2, 2011) $2,720
Includes the five day all-access pass (December 5-9) PLUS five nights at the Royal Pacific Resort at Universal® Orlando.	
Visual Studio Live! Complete Conference & Hotel Package includes: 5-day Best Value Conference Pass, 5 nights at the Royal Pacific Resort at Universal® Orlando (Room and tax only) - only available Sunday night (December 4) through Thursday night (December 8), departing Friday (December 9)	

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Includes the five day all-access pass to every keynote, session, workshop, and special events December 5-9.	
Visual Studio Live! Best Value Package includes: All Visual Studio Live! Sessions and Keynotes, Pre-conference workshops, Post-conference workshops, Reception, Networking Events, Lunch (December 5-9), Coffee and Morning Pastries	

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Grants you access to all sessions and activities December 6-8. (Does not include Workshops)	
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ONE-DAY WORKSHOP PASS	$495
Grants you access to one full-day workshop on Monday, December 5 OR Friday, December 9, 2011	
One-Day Workshop Pass includes: Pre-Conference Workshop – Monday, December 5, 2011; OR Post-Conference Workshop – Friday, December 9, 2011	

CONFERENCE PROCEEDINGS PRINTED BOOK	$40
All attendees will receive a CD with the slides from the conference sessions. For $50, you can purchase a 500+ page printed book that contains all of the session and workshop slides with plenty of extra space for taking notes.	
Conference Proceedings Printed Book includes: Conference agenda, session slides, workshop slides, and space for taking notes	

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Group Discount Package includes: All Visual Studio Live! Sessions and Keynotes, Pre-conference workshops, Post-conference workshops, Reception, Networking Events, Lunch (December 5-9), Coffee and Morning Pastries