

BIG CODE IN THE BIG APPLE

**Intense Take-Home Training for Developers,
Software Architects and Designers**

- Windows 8 / WinRT
- Silverlight / WPF ➤ Web
- Visual Studio 2010+ / .NET 4.0+
- Cloud Computing ➤ Data Management
- HTML5 ➤ Windows Phone 7
- Cross Platform Mobile

**Register
Today!**

Brooklyn, NY | May 14-17
NY Marriott at the Brooklyn Bridge



 vslive.com/newyork

Stay Connected to Visual Studio Live! on our social networks
CLICK ONE HERE AND JOIN THE COMMUNITY DISCUSSIONS TODAY!



PLATINUM SPONSOR SUPPORTED BY



Microsoft

Microsoft
Visual Studio



Visual Studio
MAGAZINE

PRODUCED BY

1105 MEDIA

MEDIA SPONSOR





Contents

3

A Message from the Co-Chairs

3

Advisory Council

4

10 Reasons to Attend

5

Events & Activities

5

Keynote Abstracts

7

Venue & Travel

8

Agenda-At-A-Glance

11

Track Descriptions

13

Workshops

14

Visual Studio 2010+ / .NET 4+

15

Silverlight / WPF

17

Web

19

Cloud Computing

20

Data Management

22

HTML5

22

Windows 8 / WinRT

23

Windows Phone 7

24

Cross Mobile Platform

25

Speaker Bio's

29

Sponsors

30

Registration Packages

A Message from the Co-Chairs

The Microsoft Development Platform is reaching a huge milestone. With Windows 8 waiting in the wings, critical praise and Nokia's support for Windows Phone, the industry-wide HTML5 push, Big Data 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 the finest expert speakers in the business.

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

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

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

Hardcore content from independent experts isn't a luxury. At this point in the industry, it's a necessity. Find a way to get to Visual Studio Live! New York. 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

Visual Studio Live! New York Advisory Council



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



Michael Desmond
Editor in Chief,
MSDN Magazine



Rockford Lhotka
Visual Studio Live!
New York Co-chair
Principal Technology
Evangelist, *Magenic*



Keith Ward
Editor in Chief,
Visual Studio Magazine



10

Brooklyn, NY | May 14-17 | NY Marriott at the Brooklyn Bridge

Reasons to Attend Visual Studio Live! New York ➔

1. **IF YOU CAN MAKE IT HERE . . . YOU'LL MAKE IT ANYWHERE.** We have the resources and developer-focused content you need to help give your .NET skills a boost and teach you some new ones.
2. **NEW YORK QUALITY (WITHOUT THE NEW YORK PRICE TAG!)** Get the first-rate education you're looking for, at a price you'll be happy with.
3. **TWO SIDES TO EVERY STORY.** See the BIG picture on the most recent software and industry updates as they are presented to you by both unbiased industry experts and Microsoft insiders.
4. **MELTING POT.** Visual Studio Live! offers a great selection of educational sessions over 4 days of comprehensive training on Visual Studio 2010+/.NET 4+, Cloud Computing, Data Management, Windows Phone 7, and more.
5. **DEEPER THAN THE EAST RIVER.** You'll dive deep — really, really deep — into your favorite .NET topics during pre-conference workshops.
6. **A LITTLE ONE-ON-ONE TIME.** The speakers (some of the best in the industry) at Visual Studio Live! take the time to meet and chat with attendees before and after sessions, during breaks, at meal times and at networking events. This is your chance to get those burning questions answered!
7. **IT'S 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. **THE NEXT BIG THING.** Find out what's happening in the Microsoft and developer landscape from those in the know.
9. **YOU TALKIN' TO ME?** Developers, software architects and designers will all be at the conference — take advantage of the meals and networking events to get to know your colleagues.
10. **BRIGHT LIGHTS, BIG CITY!** Our awesome location is in one of New York's hottest boroughs: Brooklyn!

Events & Activities

Your attendance at Visual Studio Live! New York 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.



VISUAL STUDIO LIVE! AFTER DARK WITH DEVELOPER DUEL

Tuesday, May 15

Visual Studio Live! After Dark is your chance to unwind with drinks and snacks while you join your fellow attendees and speakers for a highly-informal (if not irreverent) educational and fun evening—and get the chance to win great raffle prizes.

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!

Visual Studio Live! Keynote: The Developer of the Future



Gabriel Torok,
CEO PreEmptive Solutions

Wednesday, May 16
8:00 – 9:00 a.m.

Powerful trends involving the cloud, mobile and the consumerization of IT is driving seismic changes. An expanded focus on delighting end users, increased productivity and feedback driven development is expanding the definition of what it means to be a developer. Distributing apps through marketplaces, and managing software across distributed heterogeneous environments and near continuous deployment is just a sampling of the evolving demands that modern developers will have to embrace.

This keynote will deconstruct some of the market forces that are

fueling these changes to propose a developer roadmap that maps technologies, tools and the use cases to the developer skill sets that will be required to successfully navigate through these very exciting times.

We'll look at ways in which you can remain focused on customer value, utilize different kinds of feedback from stakeholders and customers at critical points in the software development lifecycle, and effectively integrate feedback into the product to deliver a solution that can wow your customers! Through demos, we explore specific examples of seeking, automating and processing customer feedback with the new Visual Studio ALM 11 toolset.



Justin Marks,
Senior Program Manager for Microsoft's Team Foundation Server



Events & Activities, continued

BIRDS-OF-A-FEATHER LUNCH

Wednesday, May 16

Take advantage of the knowledge and experience of your colleagues by sitting at 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
- Windows 8

VISUAL STUDIO LIVE! COMMUNITY NIGHT

Wednesday, May 16

Join your fellow conference attendees along with local user groups for an amazing evening of conversations, connections and hot topics.

VISUAL STUDIO LIVE! CONFERENCE WRAP UP

Thursday, May 17

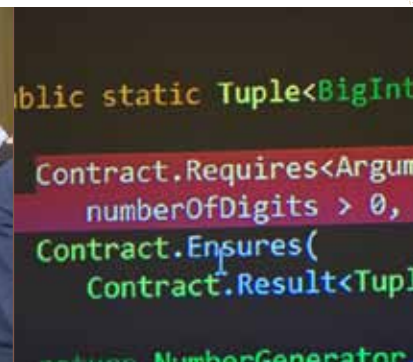
Get the most out of the conference by attending the closing wrap up. You'll hear a panel of speakers discuss the new content presented during the conference. This is also your opportunity to ask final questions and receive clarification on anything presented throughout the week.



NETWORK

“Excellent talks, very knowledgeable speakers. Cutting-edge information was presented and old concepts were reinforced. Great conference!”

Chris Dundon, Visual Studio programmer, ISI Telemanagement Solutions



SESSIONS

“The sessions were informative and will prove highly useful in my job. It really motivated me and gave me new ideas for projects.”

Michael Cross, Niagara Regional Police Service

Stay Connected to Visual Studio Live! on our social networks
CLICK ONE HERE AND JOIN THE COMMUNITY DISCUSSIONS TODAY!



Hotel Information

The New York Marriott at the Brooklyn Bridge is home to all Visual Studio Live! sessions and activities. A block of rooms has been reserved for attendees.

The New York Marriott at the Brooklyn Bridge
333 Adams Street
Brooklyn, NY 11201
1.800.266.9432

You must mention Visual Studio Live! to receive this special attendee rate of \$254/night.*

Book your room at the New York Marriott at the Brooklyn Bridge before April 22, 2012 at the special Visual Studio Live! attendee rate of \$254/night.* Reservations can be made [online](#) or by calling 1.800.266.9432 and refer to the Visual Studio Live group. Rooms are subject to availability.

*Rates are subject to applicable state and local taxes.



If you select the **Complete Conference & Hotel Package** when registering, a hotel room at the New York Marriott at the Brooklyn Bridge will be reserved for you. You will check in on Sunday, May 13 and check out on Thursday, May 17 for a total stay of four nights.

The New York Marriott at the Brooklyn Bridge is home to all Visual Studio Live! New York 2012 sessions and activities. The hotel is located in Renaissance Plaza, and is just one block away from nine major subway lines. Take

the subway to Manhattan in just 5 minutes, or wander through Brooklyn's best-kept secrets — the Brooklyn Heights Promenade, the sculpture garden at Brooklyn's famous Pratt Institute, and the ultra-hip DUMBO and Williamsburg neighborhoods.

Explore Brooklyn or revisit your favorites in the Big Apple; you'll get the best of both worlds in the comfort of a full-service luxury hotel - not to mention a stunning view of the Manhattan skyline.

Travel

Air Travel Discounts

American Airlines, the official airline for Visual Studio Live! New York, is offering a five percent (5%) discount to all Visual Studio Live attendees. The discount can be booked online at [www.aa.com](#), or by calling 800.433.1790. (Ticketing fee will apply if reservation is made by call in.) Use authorization number A8652BN as the discount code when booking online or calling directly.



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

Car Rental Discounts

Avis is the official car rental company for Visual Studio Live! New York 2012. For reservations, call 800.331-1212 and use the AVIS worldwide discount code is G027999, or book online.

Airports, Directions, Taxis & Parking

Choose from 3 area major airports to get the rate that works for you:

New York/John F. Kennedy International Airport - JFK

Hotel direction: 15 mile(s) E – (Approximately 10 miles)

Driving directions: Belt Pkwy west to Brooklyn/Queens Expressway(I-278) east; exit Atlantic Ave, turn right at light. Continue 4 lights to Boerum Place and turn left. Hotel is 5 blocks ahead on the right.

Transportation options from JFK:

Bus service, fee: 2.25 USD (one way)

Subway service, fee: 2.25 USD (one way)

Estimated taxi fare: 45.00 USD (one way)

New York/La Guardia - LGA

Hotel direction: 10 mile(s) S – (Approximately 20 miles)

Driving directions: Grand Central Pkwy west to Brooklyn/Queens Expressway (I-278) to Tillary Street/Manhattan Bridge exit. Make left turn at Adams Street. Proceed to second light. Hotel is on the left.

Transportation options from LGA:

Estimated taxi fare: 35.00 USD (one way)

Newark Liberty International Airport - EWR

Hotel direction: 16 mile(s) SW – (Approximately 20 miles)

Driving directions: NJ Turnpike to Holland Tunnel (Exit 14C). Exit onto Canal Street East to Manhattan Bridge. Exit onto Flatbush Avenue Extension. Right turn onto Tillary Street. Left turn onto Adams Street. Proceed to second light. Hotel is on left.

Transportation options from EWR:

Estimated taxi fare: 65.00 USD (one way)

Parking at the New York Marriott at the Brooklyn Bridge

Indoor parking spaces are available at the New York Marriott at the following rate: \$18 Fri-Sat & \$23 Sun-Thurs for stay over guests only. SUVs are \$5 extra.

Agenda At-A-Glance (Monday & Tuesday)

HTML5	Web	Visual Studio 2010+/.NET 4+	Cloud Computing	Data Management	Silverlight / WPF	Windows 8 / WinRT	Windows Phone 7	Cross Platform Mobile
Visual Studio Live! Pre-Conference Workshops: Monday, May 14, 2012 <i>(Separate entry fee required)</i>								
WK1 Workshop: Creating Today's User Experiences - An Entry Point for Developers <i>Billy Hollis</i>			WK2 Workshop: SQL Server for Developers <i>Andrew Brust & Leonard Lobel</i>			WK3 Workshop: Full Application Lifecycle with TFS and CSLA .NET <i>Rockford Lhotka & Brian Randell</i>		
Visual Studio Live! Day 1: Tuesday, May 15, 2012								
Keynote <i>Microsoft To Be Announced</i>								
T1 A Lap Around WPF 4.5 <i>Pete Brown</i>		T2 Microsoft To Be Announced		T3 HTML5/jQuery On-Ramp <i>Rich Dudley</i>		T4 Microsoft To Be Announced		
T5 WPF Validation - Techniques & Styles <i>Miguel Castro</i>		T6 Get Started with XAML Development on Windows 8 <i>Pete Brown</i>		T7 Upgrade Your Website to HTML5 <i>Rajesh Lal</i>		T8 The LINQ Programming Model <i>Marcel de Vries</i>		
Lunch								
T9 What's New and Cool in Silverlight 5 <i>Pete Brown</i>		T10 Building Windows 8 Applications with HTML5 and jQuery <i>Rich Dudley</i>		T11 HTML5 <i>Marcel de Vries</i>		T12 Microsoft To Be Announced		
T13 Infinite Whitespace: Implementing Viewport Navigation in XAML <i>Billy Hollis</i>		T14 Lap Around the Windows Runtime <i>Rockford Lhotka</i>		T15 Microsoft To Be Announced		T16 Microsoft To Be Announced		
T17 Building Extensible XAML Client Apps <i>Brian Noyes</i>		T18 A look at Windows 8 Metro Apps and WinRT Internals <i>Vishwas Lele</i>		T19 Microsoft To Be Announced		T20 Developing Apps for Nokia Windows Phone <i>Rajesh Lal</i>		
Exhibitor Reception								
Visual Studio Live! After Dark								
For the complete session schedule and full session descriptions, please check the Visual Studio Live! New York web site at vslive.com/newyork *Speakers and Sessions Subject to Change.								

Agenda At-A-Glance (Wednesday)

HTML5	Web	Visual Studio 2010+/.NET 4+	Cloud Computing	Data Management	Silverlight / WPF	Windows 8 / WinRT	Windows Phone 7	Cross Platform Mobile
Visual Studio Live! Day 2: Wednesday, May 16, 2012								
Keynote: The Developer of the Future <i>Gabriel Torok, CEO PreEmptive Solutions and Justin Marks, Senior Program Manager for Microsoft's Team Foundation Server</i>								
W1 Get Connected with Kinect <i>Brian Peek</i>	W2 Build Portable XAML Client App Logic and Resources <i>Brian Noyes</i>		W3 Windows Azure Platform Overview <i>Vishwas Lele</i>		W4 Building Windows Phone Applications Using the Fast Lane: Using RIA services on Azure As Your Backend <i>Marcel de Vries</i>			
W5 Securing and Personalizing Silverlight 5 Client Apps <i>Brian Noyes</i>	W6 Building Metro Style Apps: Getting the UX Right <i>Brian Randell</i>		W7 Building Scalable Apps in Windows Azure <i>Vishwas Lele</i>		W8 Visual Studio for Mobile Apps on iOS, Android and WP7 <i>Miguel de Icaza</i>			
Birds-of-a-Feather Lunch								
W9 Learn to Behave - Extend Your XAML with Behaviors <i>Brian Noyes</i>	W10 ASP.NET and Visual Studio vNext <i>Robert Boedigheimer</i>		W11 Windows Azure VM Role <i>Eric D. Boyd</i>		W12 Advanced XNA Games for Windows Phone <i>Brian Peek</i>			
W13 Build Common Business Code for Windows Forms, WPF, Silverlight, WP7, and WinRT <i>Rockford Lhotka</i>	W14 MVC For WebForms Developers: Comparing and Contrasting <i>Miguel Castro</i>		W15 Storage Strategies in Windows Azure <i>Eric D. Boyd</i>		W16 ASP.NET MVC for Mobile Devices <i>Rob Daigneau</i>			
W17 MVVM in Practice aka "Code Behind" - Free WPF <i>Tiberiu Covaci</i>	W18 Using jQuery to Replace the Ajax Control Toolkit <i>Robert Boedigheimer</i>		W19 SQL Azure Intro and What's New <i>Eric D. Boyd</i>		W20 LightSwitch Onramp <i>Rich Dudley</i>			
Visual Studio Live! Community Night (Open to all VSL New York Attendees)								
For the complete session schedule and full session descriptions, please check the Visual Studio Live! New York web site at vslive.com/newyork *Speakers and Sessions Subject to Change.								

Agenda At-A-Glance (Thursday)

HTML5	Web	Visual Studio 2010+/.NET 4+	Cloud Computing	Data Management	Silverlight / WPF	Windows 8 / WinRT	Windows Phone 7	Cross Platform Mobile
Visual Studio Live! Day 3: Thursday, May 17, 2012								
TH1 Extending XAML To Overcome Pretty Much Any Limitation <i>Miguel Castro</i>		TH2 Advanced Debugging of ASP.NET Applications <i>Tiberiu Covaci</i>		TH3 SQL Server 2012: A Demo-Heavy Developer Briefing <i>Roger Doherty</i>		TH4 What's New in Visual Studio LightSwitch? <i>Rich Dudley</i>		
TH5 Azure <i>Peter Laudati</i>		TH6 Improving Web Site Performance and Scalability While Saving Money <i>Robert Boedigheimer</i>		TH7 Introducing SQL Server Data Tools (codenamed "Juneau") <i>Leonard Lobel</i>		TH8 What's New in the .NET 4.5 BCL <i>Jason Bock</i>		
TH9 What's New in WCF 4 <i>Ido Flatow</i>		TH10 Fast, Faster ... Async ASP.NET <i>Tiberiu Covaci</i>		TH11 T-SQL Enhancements in SQL Server 2012 <i>Leonard Lobel</i>		TH12 Static Analysis in .NET <i>Jason Bock</i>		
Lunch								
TH13 What's New in WCF 4.5 <i>Ido Flatow</i>		TH14 ASP.NET MVC, Beyond the Basics <i>Rob Daigneau</i>		TH15 Microsoft's Big Play for Big Data <i>Andrew Brust</i>		TH16 Writing Asynchronous Code Using .NET 4.5 and C# 5.0 <i>Brian Peek</i>		
TH17 Monitoring and Troubleshooting WCF Services <i>Ido Flatow</i>		TH18 Creating a Data Driven Web Site Using WebMatrix and ASP.NET Razor <i>Rachel Appel</i>		TH19 How to Take WCF Data Services to the Next Level <i>Rob Daigneau</i>		TH20 Going Beyond F11: Debug Better and Faster with Visual Studio <i>Brian Randell</i>		
Conference Wrap-Up Panel with Q&A								

For the complete session schedule and full session descriptions, please check the Visual Studio Live! New York web site at vslive.com/newyork

*Speakers and Sessions Subject to Change.

Track Descriptions

■ Cloud Computing

session listings on page 19

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

This track includes coverage of the following:

- Windows Azure
- Azure architecture tips and tricks
- Costing Azure Applications
- Migrating Web apps to the cloud

■ Cross Platform Mobile

session listings on page 24

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

This track includes:

- Building Android and iOS apps
- Mobile web site development with ASP.NET and JQuery Mobile
- Accessing cloud data and services from mobile apps

■ Data Management

session listings on page 20

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

This track includes coverage of the following:

- SQL Server 2012
- SQL Azure
- Entity Framework Code First
- Evaluating Data Access Options



■ HTML5

session listings on page 22

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

- General purpose HTML5 and JavaScript
- HTML5 and ASP.NET MVC
- HTML5 and IE9 for developers
- Building Windows 8 apps with HTML5 and jQuery

■ Silverlight / WPF

session listings on page 15

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

This track covers:

- Silverlight and WPF
- User experience and UI design
- RIA Services
- Model-View-ViewModel (MVVM) design pattern

Track Descriptions, continued

■ Visual Studio 2010+/.NET 4+

session listings on page 14

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

■ Web

session listings on page 17

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

This track covers:

- ASP.NET Web Forms
- ASP.NET MVC
- Web data access
- JavaScript, JQuery, and AJAX

■ Windows 8 / WinRT

session listings on page 22

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

This track includes coverage of the following:

- WinRT introduction and WinRT internals
- Data-driven apps with WinRT and XAML
- Windows 8 Metro contracts and extensibility

■ Windows Phone 7

session listings on page 23

Windows Phone (WP7) version 7.5 now has more than 40,000 apps in its marketplace, and is gaining market share in the US and worldwide. Nokia's adoption of Windows Phone as its primary smartphone standard adds even more momentum to this increasingly popular smartphone platform.

This track includes:

- App and game development for WP7
- Monetizing apps through advertising
- Interacting with services from WP7 apps



"Extremely well organized event. The speakers were relevant, interesting, and full of the latest tips. I will definitely come again."

Chris Papas, Project Manager/Programmer, C.H.S.R.

Visual Studio Live! Full-Day Workshops

Choose from a broad range of content and topics by expert presenters with Visual Studio Live!'s full-day workshops.

■ WK01 Workshop: Creating Today's User Experiences - An Entry Point for Developers

Billy Hollis

Monday, May 14

9:00 a.m. – 6:00 p.m.

In today's software world, raw functionality is just the beginning. Touch devices are a part of almost every user's daily life, and users now expect more than gray forms and data grids in the software they use. Most developers have only haziest idea of how to approach building advanced user interfaces in XAML or HTML5 to address those expectations. It's time to move beyond the limitations of the past by learning fundamental design principles, UI navigation patterns, prototyping, storyboarding, and many other skills.

This workshop explains design concepts in ways specifically tailored for developers to understand, by getting beyond mere guidelines into the user psychology and brain wiring that make the concepts work. Interactive exercises reinforce the concepts, and you'll find yourself challenged to look at user experiences in completely new ways. Leave your laptops in the bag, bring paper and pencil, and have a day of fun, hands-on learning.

■ WK02 Workshop: SQL Server for Developers – Intermediate

Andrew Brust & Leonard Lobel

Monday, May 14

9:00 a.m. – 6:00 p.m.

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

intensive demo-packed tour.

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

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

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

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

You will learn:

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

■ WK03 Workshop: Full Application Lifecycle with TFS and CSLA .NET – Intermediate

Rockford Lhotka & Brian Randell

Monday, May 14

9:00 a.m. – 6:00 p.m.

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

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

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

Session Descriptions by Track

VISUAL STUDIO 2010+/.NET 4+

■ T12 Microsoft To Be Announced

Tuesday, May 15

1:30 – 2:45 p.m.

Details Coming Soon

■ T16 Microsoft To Be Announced

Tuesday, May 15

3:00 – 4:15 p.m.

Details Coming Soon

■ W20 LightSwitch Onramp – Introductory

Rich Dudley

Wednesday, May 16

4:30 – 5:45 p.m.

Microsoft's LightSwitch presents a radical new way of designing applications in Visual Studio. Applications can be quickly built using screen templates and prewritten code to handle routine tasks. Custom business logic can be added in VB.NET or C#. LightSwitch applications can access a number of data sources, including SQL Server and SQL Azure, and can be hosted locally or on Azure. LightSwitch will enable IT staff to quickly turn around

those small-but-necessary enterprise apps end users are so fond of, and it's easy enough for power-users with limited programming experience to build their own apps. By the end of this session, we'll understand what LightSwitch is, what we need to develop with LightSwitch, and how to get started developing a LightSwitch application.

■ TH04 What's New in Visual Studio LightSwitch? – Introductory / Intermediate

Rich Dudley

Thursday, May 17

8:00 – 9:15 a.m.

The Visual Studio LightSwitch 2011 is a revolutionary way to develop applications, and vNext is adding some great additional capabilities. In this session, we'll recap what is new.

You will learn:

- Attendees will become familiar with some of the most important new features of LightSwitch

■ TH08 What's New in the .NET 4.5 BCL – Intermediate

Jason Bock

Thursday, May 17

9:30 – 10:45 a.m.

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

You will learn:

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

■ TH12 Static Analysis in .NET – Intermediate

Jason Bock

Thursday, May 17

11:00 a.m. – 12:15 p.m.

We all want to have someone else review our code to make sure it's written well. Wouldn't it be even better if we can have that review process done automatically? In this session, you'll see how you can use static analysis tools (like Code Analysis/FxCop) to find all kinds of implementation issues before they show up in a release. You'll also find out how to manage rule sets in Visual Studio, and find out how you can create your own custom rules.

You will learn:

- Understand the benefits in using static analysis
- Be able to use the results of static analysis effectively to improve their code
- See how custom rules can be created to reflect their own best practices

■ TH16 Writing Asynchronous Code Using .NET 4.5 and C# 5.0 – Introductory

Brian Peek

Thursday, May 17

1:30 – 2:45 p.m.

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

You will learn:

- About the pros/cons of asynchronous code
- How to write and use asynchronous code in .NET 4.5
- How to maintain a constantly available and responsive user interface



Session Descriptions by Track, continued

■ TH20 Going Beyond F11: Debug Better and Faster with Visual Studio – Intermediate / Advanced

Brian Randell

Thursday, May 17

3:00 – 4:15 p.m.

Visual Studio is the tool of code craftsman yet many developers use its debugging features as if they were a novice apprentice. In this session, Brian will take you on a tour of the goodness that can be found in the Visual Studio family from Visual Studio Professional to Visual Studio Ultimate. You'll learn about the hidden gems present in every version as well as new time saving features like IntelliTrace. You'll get the nitty-gritty on how things work and how you can tune the debugger to meet your needs. And, you'll also learn how integration with Team Foundation Servers Build functionality can make your day to day debugging tasks easier and more productive.

You will learn:

- To debug Better
- To debug Faster
- To write Better Code

SILVERLIGHT / WPF

■ T01 A Lap Around WPF 4.5

Pete Brown

Tuesday, May 15

9:15 – 10:30 a.m.

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

You will learn:

- What's new in WPF 4.5

■ T05 WPF Validation - Techniques & Styles – Introductory / Intermediate

Miguel Castro

Tuesday, May 15

10:45 a.m. – 12:00 p.m.

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

You will learn:

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

■ T09 What's New and Cool in Silverlight 5

Pete Brown

Tuesday, May 15

1:30 – 2:45 p.m.

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

You will learn:

- The new major features in Silverlight 5
- How to use these new features in your own applications

■ T13 Infinite Whitespace: Implementing Viewport Navigation in XAML

Billy Hollis

Tuesday, May 15

3:00 – 4:15 p.m.

Many common user scenarios lend themselves to a navigation pattern using a viewport. This technique allows the user to pan and zoom through complex information, with the visible screen as a viewport into a larger virtual screen. Hierarchies such as organizational charts, timelines, bubble diagrams, maps, and many other forms of rich information are good candidates for viewports. Viewports implement several good design principles, particularly allowing appropriate whitespace and many options for showing relationships between elements.

In this session, we'll cover the design aspects, and then do a complete XAML implementation of a viewport, including panning and zooming in both mouse and touch based environments. The session includes an introduction to transforms, which are one of the essential XAML features needed for viewports.

■ T17 Building Extensible XAML Client Apps

Brain Noyes

Tuesday, May 15

4:30 – 5:45 p.m.

Designing extensible XAML client applications with WPF, Silverlight and Metro involves a lot more than just knowing how to load a plug in interface to invoke some functionality. You need to be able to add whole new sets of functionality including a data model, logic, and views for presentation. And if you do it right, you should be able to do all that without disturbing or even changing any of the core application logic or other views. This session will show you how you can achieve that with a combination of the Managed Extensibility Framework (MEF), the MVVM design pattern, and a little bit of help from the Prism

Session Descriptions by Track, continued

Framework. You will learn how to set up a little bit of base class infrastructure in the core application that can then be easily built upon with extensions. You'll see how you can plug in views and view models and model objects and still have those integrated with existing parts of the application they are plugged into, but in a loosely coupled way. You'll walk away with a baseline architecture and sample code for achieving it that will let you grow and extend your WPF and Silverlight client apps over time without needing to constantly crack open the core code and do surgery to add new features. You'll also see what the path to building similar applications in Metro looks like.

You will learn:

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

■ W01 Get Connected with Kinect – Introductory

Brian Peek

Wednesday, May 16

9:15 – 10:30 a.m.

By now we've all probably tried Kinect, Microsoft's revolutionary motion control device for the Xbox 360. But what about developing software to use the device? With the release of the official Kinect for Windows SDK from Microsoft, developers can now use this device like any other hardware peripheral from code. This session will introduce developers to the Kinect device itself, how it works, and will offer an overview of the API provided by Microsoft to retrieve image, depth, skeletal, audio, and audio position information from the device. The session will also cover some interesting uses for this information, and how it can be used in traditional applications for easier navigation to provide a more natural user interface.

■ W05 Securing and Personalizing Silverlight 5 Client Apps – Intermediate

Brian Noyes

Wednesday, May 16

10:45 a.m. – 12:00 p.m.

Securing a client application can mean many things, from simply blocking unauthorized users from launching your application, to securing the calls to the services from the client to having a full client side security context with role or claims based authorization and access to features and data on the client side. In this session, you will learn about the options available to you in Silverlight and how to make the most of them. You'll learn how to leverage host security if your Silverlight client will be part of a bigger site that already secures access, as well as how to do stand alone authentication and authorization on the client side. You will learn how to leverage WCF RIA Services to propagate a security context to the client for client authentication and authorization, even if you choose to use no other parts of RIA Services. And you will learn how to secure the calls to the services that your client uses sharing the authenticated session with the host where appropriate.

You will learn:

- What security mechanisms exist natively in Silverlight and how to leverage them.
- How to authenticate and authorize actions on the client side in a Silverlight app with RIA Services.
- How to share the authenticated session between the client application and the service calls the application makes.

■ W09 Learn to Behave - Extend Your XAML with Behaviors – Intermediate

Brian Noyes

Wednesday, May 16

1:30 – 2:45 p.m.

Behaviors allow you to add functionality to XAML elements in WPF, Silverlight, and Metro in a similar fashion to how

extension methods allow you to add functionality to a class without having to modify the definition of that class. In this session, you will learn about the structure of behaviors, how to declare them and hook them up, and see a number of useful examples of what they can do for you. You will learn about some of the behaviors in the Blend SDK that you can use out of the box as well as how to define your behaviors as either attached behaviors or Blend behaviors. You'll also learn where you can find more community developed behaviors.

You will learn:

- How to define attached and Blend behaviors.
- How to hook behaviors up to XAML elements.
- How to leverage the built in Blend SDK behaviors and others available.

■ W13 Build common Business Code for Windows Forms, WPF, Silverlight, WP7 and WinRT

Rockford Lhotka

Wednesday, May 16

3:00 – 4:15 p.m.

Windows 8 introduces the new Windows Runtime (WinRT), a platform similar to .NET and Silverlight, and yet different. Most developers need to build .NET and Silverlight applications today with the possibility of someday supporting WinRT. By abstracting key platform differences around data binding, reflection, and data access it is possible to create common business code that can support Windows Forms, WPF, Silverlight, Windows Phone, and WinRT. These abstractions are implemented in the widely used CSLA .NET framework, and in this session you'll learn about those abstractions so you can build business logic that can be used today, and in the future with WinRT.

You will learn:

- Key areas of abstraction necessary to support .NET, Silverlight, Windows Phone, and WinRT
- How to use CSLA .NET to build business code you can use across platforms, today and into the future

Session Descriptions by Track, continued

■ **W17 MVVM in Practice aka "Code Behind" - Free WPF – Intermediate**

Tiberiu Covaci

Wednesday, May 16

4:30 – 5:45 p.m.

One pattern that emerged with WPF is the Model-View-ViewModel. In this session we will explore the MVVM pattern the MVVM Light toolkit and I will show you how you can write a WPF application without ever needing to add a single line of code in the code behind, giving your designer full control over the User Interface.

You will learn:

- MVVM
- Design Patterns
- MVVM Light

■ **TH01 Extending XAML To Overcome Pretty Much Any Limitation – Intermediate / Advanced**

Miguel Castro

Thursday, May 17

8:00 – 9:15 a.m.

One of the things I've always said about WPF is that there is nothing I can't do in an application. When Microsoft set out to design WPF, Silverlight, and now WinRT XAML Apps, they architected it in a way that if you come across anything that they didn't think of, you can extend the platform yourself. In this session I'll show you how to develop two types of behaviors as well as your own markup extensions. Behaviors are elements that you set to something in order to add characteristics and functionality to XAML, while markup extensions are what you set properties to. The {Binding} markup extension is one that Microsoft provided for you, now come learn how to write your own, even if it's to simply standardize on repetitive binding settings.

You will learn:

- What's behind XAML Data Binding
- How to write XAML Behaviors (Attached Properties & Blend Behaviors)
- Writing Markup Extensions

WEB

■ **W10 ASP.NET and Visual Studio vNext – Intermediate**

Robert Boedigheimer

Wednesday, May 16

1:30 – 2:45 p.m.

Learn about the great new features coming in the next version of ASP.NET and Visual Studio. There are some great enhancements to all of the editors (CSS snippets, CSS vendor prefixes, JavaScript go to definition, etc). Discover the new model binding and repository capabilities in Web Forms, along with unobtrusive jQuery validation support for validators. See how to bundle and minify CSS and JavaScript files simply to drastically improve web site performance. A new script manager also supports debug, release, and CDN versions of files.



You will learn:

- Discover IDE improvements for JavaScript, HTML, and CSS
- Learn about new bundling support for performance improvements
- Review major new features available for both ASP.NET Web Forms and MVC

■ **W14 MVC for WebForms Developers: Comparing and Contrasting**

Miguel Castro

Wednesday, May 16

3:00 – 4:15 p.m.

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

You will learn:

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

■ **W18 Using jQuery to Replace the Ajax Control Toolkit – Intermediate**

Robert Boedigheimer

Wednesday, May 16

4:30 – 5:45 p.m.

Many ASP.NET web sites first added client side functionality through the Ajax Control Toolkit (ACT), and now want to replace it with the popular jQuery framework. Learn the

Session Descriptions by Track, continued

benefits of moving to jQuery, and discover a mapping between popular ACT controls and jQuery plugins.

You will learn:

- Review the basic functionality provided by the ACT
- Discover techniques for migrating a web site from ACT to jQuery
- See which jQuery plugins are good replacements for ACT controls

■ TH02 Advanced debugging of ASP.NET Applications

Tiberiu Covaci

Thursday, May 17

8:00 – 9:15 a.m.

You are working on a new complex system, and you want to make sure that you discover potential problems before you release it to the customer. Or you deployed your application and after a while the performance starts going down. What do you do? How do you find out what is going on? What tools do you have available? Come to this session you will find out!

You will learn:

- ASP.NET Debugging
- Load testing
- Profiling

■ TH06 Improving Web Site Performance and Scalability While Saving Money – Intermediate

Robert Boedigheimer

Thursday, May 17

9:30 – 10:45 a.m.

Can you really improve the customer experience and save money? There are many simple techniques and free tools available that can do both! This session will start with a traditional ASP.NET web site and show step by step how

to improve it for both client experience and cost savings. Review the basics of caching and learn how to avoid costly server round trips by using expirations to maximize use of the client's browser and also reduce server side execution time with data caching on the server. Use HTTP compression, minification of JavaScript and CSS, server side view state, and image optimization to reduce client downloads by 50-75%. Take advantage of free CDN networks to host jQuery and Ajax files. See how tools such as Ajax Minifier, Fiddler, Network Monitor, and Google Page speed can be used to help diagnose and verify improvements. Be the hero in tight economic times, doing the impossible by using these simple techniques to cut costs and make your customers happy!

You will learn:

- Learn current techniques for reducing the number of requests made for a web site using CSS sprites, consolidation of files, etc
- Leverage IIS features such as Http Compression and expirations
- Review tools that can evaluate a site's performance

■ TH10 Fast, Faster ... Async ASP.NET – Intermediate / Advanced

Tiberiu Covaci

Thursday, May 17

11:00 a.m. – 12:15 p.m.

Do you have any page that needs to access the database, or a web service? Do any of those takes longer than five seconds? Do you know what happens to the rest of your application? All these questions get at least one answer during this session, together with some solutions to the problems that may arise.

You will learn:

- Load Testing ASP.NET Applications
- Asynchronous operations in ASP.NET WebForms
- Asynchronous operations in ASP.NET MVC
- Using the new async/await in Web Applications

■ TH14 ASP.Net MVC, Beyond the Basics

Rob Daigneau

Thursday, May 17

1:30 – 2:45 p.m.

ASP.NET MVC is a radical departure from the old way of building web applications. It promises to promote testability and ease maintenance woes by encouraging a separation of concerns. While the framework certainly sets the stage for these goals, developers must answer several questions. For example, how does one test an MVC application? How can data be retrieved from an Http Form now that ViewState is gone? How much code should be in a Razor cshtml file? Join us in this session to answer these questions and more.

You will learn:

- How to test your MVC applications without a web server
- How to create custom controllers that simplify the flow of information from HTML Forms to Razor
- How to encourage View reuse and prevent common run-time exceptions with Razor

■ TH18 Creating a Data Driven Web Site Using WebMatrix and ASP.NET Razor – Introductory

Rachel Appel

Thursday, May 17

3:00 – 4:15 p.m.

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.

Session Descriptions by Track, continued

CLOUD COMPUTING

■ W03 Windows Azure Platform Overview – Introductory

Vishwas Lele

Wednesday, May 16

9:15 – 10:30 a.m.

"My company/ customer will never move to a public cloud because of security, compliance, latency and availability concerns." If you are asking yourself this question, this Windows Azure overview session is for you. Well..this session is for anyone who wants to understand why Gartner claims that PaaS platforms may be a step to a "killer app" for cloud computing.

After covering the key concepts, we will build an MVC 3 application from scratch and deploy it to Windows Azure. We will wrap up with a discussion of scenarios that can benefit from the capabilities of the Windows Azure Platform.

■ W07 Building Scalable Apps in Windows Azure – Intermediate

Vishwas Lele

Wednesday, May 16

10:45 a.m. – 12:00 p.m.

Learn proven patterns and practices to build your next scalable app. We will go in depth into the architecture of a highly scalable app built on Windows Azure and learn how to effectively use various scaling techniques such as worker role scale out, cache aside and job queuing on Windows Azure. Additionally, we will demonstrate when and how to use the various data storage solutions in Windows Azure to maximize performance.

You will learn:

- Patterns for making cloud applications scalable
- Patterns for making cloud based applications fault tolerant
- Cost based design

■ W11 Windows Azure VM Role – Intermediate / Advanced

Eric D. Boyd

Wednesday, May 16

1:30 – 2:45 p.m.

The Windows Azure Platform is a great cloud platform for scalable, on-demand computing power. However, there are scenarios that are not supported by Azure's web and worker role abstractions. In this session, we will explore the traditional Azure web and worker compute roles and walk through the common challenges encountered when using these. We will explore the architecture and internals of Windows Azure, and then explore VM Role and the scenarios that are enabled having access to the OS. We will walk through the lifecycle of installing, configuring and deploying a VM to Windows Azure and we'll consider the tradeoffs and alternatives to using VM Role. Finally, we will take a look at what's new in VM Role and how to get started.

You will learn:

- The limitations of traditional Web and Worker Roles
- When you should use Windows Azure VM Role
- How to install, configure and deploy a VM to Windows Azure

■ W15 Storage Strategies in Windows Azure – Intermediate

Eric D. Boyd

Wednesday, May 16

3:00 – 4:15 p.m.

The Windows Azure Platform provides a plethora of options for data storage and trying to make sense of it all can be overwhelming. In this session, we will explore the Windows Azure data services including SQL Azure, Table and Blob Storage, Local Compute Storage and Caching. We will walk through the scenarios that each data service addresses, and we will dive into how to work with each of them. Lastly, we will explore the factors that encourage using one service over another when multiple fit into your solution and how they can complement each other when used together.

You will learn:

- Overview of the Windows Azure data services
- How to work with each Windows Azure data service
- Scenarios for using each data service and when to use them together

■ W19 SQL Azure Intro and What's New – Introductory / Intermediate

Eric D. Boyd

Wednesday, May 16

4:30 – 5:45 p.m.

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

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

You will learn:

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

Session Descriptions by Track, continued

■ TH05 Azure

Peter Laudati

Thursday, May 17

9:30 – 10:45 a.m.

Details Coming Soon

■ TH09 What's New in WCF 4 – Intermediate / Advanced

Ido Flatow

Thursday, May 17

11:00 a.m. – 12:15 p.m.

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 Routing services and IIS improvements in WCF 4
- How WCF 4 exposes RESTful services

■ TH13 What's New in WCF 4.5 – Intermediate / Advanced

Ido Flatow

Thursday, May 17

1:30 – 2:45 p.m.

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

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

You will learn:

- Simplified configuration in WCF 4.5
- New transports and bindings WCF 4.5
- Improved ways for configuring WCF services in code

■ TH17 Monitoring and Troubleshooting WCF Services – Advanced

Ido Flatow

Thursday, May 17

3:00 – 4:15 p.m.

The Windows Communication Foundation (WCF) framework is being used in almost all .NET development platforms: Windows clients, web browsers, Windows Phone, Server side applications, and Windows Azure; but everyone using WCF asks the same question - how do I know if my service is working properly?

In this session we will see how to monitor your services, and how to tune it for better performance and scalability.

You will learn:

- Monitoring WCF services with ETW, Performance Counters, and log files
- Understanding throttling in WCF
- Setting the instancing and concurrency of your services

DATA MANAGEMENT

■ T04 Microsoft To Be Announced

Tuesday, May 15

9:15 – 10:30 a.m.

Details Coming Soon

■ T08 The LINQ Programming Model – Introductory

Marcel de Vries

Tuesday, May 15

10:45 a.m. – 12:00 p.m.

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.

■ TH03 SQL Server 2012: A Demo_Heavy Developer Briefing – Intermediate

Roger Doherty

Thursday, May 17

8:00 – 9:15 a.m.

Come learn what's new for developers in SQL Server 2012 including core engine improvements and new application development, deployment and maintenance capabilities.

You will learn:

- Understand the full range of delivery options for SQL Server database applications
- What's new in SQL Server 2012 from a developer perspective
- Understand the impact of SQL Server 2012 improvements on new or existing projects



Session Descriptions by Track, continued

■ TH07 Introducing SQL Server Data Tools (Codenamed "Juneau") – Intermediate

Leonard Lobel

Thursday, May 17

9:30 – 10:45 a.m.

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

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

You will learn:

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

projects, and SQL Azure databases in the cloud all from inside Visual Studio

■ TH11 T-SQL Enhancements in SQL Server 2012 – Intermediate

Leonard Lobel

Thursday, May 17

11:00 a.m. – 12:15 p.m.

In this informative and demo-packed session, Lenni will guide you through the T-SQL enhancements in the very latest release of SQL Server. We'll dive into powerful new windowing enhancements with the OVER clause, new T-SQL functions (all 22 of them!), improved error handling with THROW, server-side paging with OFFSET/FETCH NEXT, sequence generators, rich metadata discovery techniques, and contained databases. If you want to learn the new T-SQL enhancements in SQL Server 2012, you won't want to miss out on this session!

You will learn:

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

■ TH15 Microsoft's Big Play for Big Data – Intermediate

Andrew Brust

Thursday, May 17

1:30 – 2:45 p.m.

Big Data entails collecting and analyzing large volumes of data obtained from Web, social media, scientific and other pools of fast-growing event-driven data. Relational databases are rarely employed in big data scenarios, so using SQL Server for big data can be tricky. In response, Microsoft has announced its planned implementation of Windows Server and Windows Azure implementations of Hadoop, the open source NoSQL engine widely used

in Big Data implementations. And the plot thickens as Microsoft has also announced its plan to fit SQL Server business intelligence (BI) tools on top of Hadoop, to make the analysis part of Big Data work with familiar and accessible Microsoft technologies. Come to this session to get an overview of Big Data, Hadoop and the Microsoft BI stack integration. See how your skills can be applied to this rapidly growing part of the industry.

■ TH19 How to Take WCF Data Services to the Next Level – Intermediate

Rob Daigneau

Thursday, May 17

3:00 – 4:15 p.m.

Visual Studio has made it incredibly easy for developers to create WCF Data Services that provide access to databases and other resource types in no time flat. When combined with the OData protocol and Linq, clients are given an easy yet powerful way to perform basic CRUD operations. However, you'll eventually come to a place where the out-of-the-box features don't quite meet your needs. Fortunately, WCF doesn't box you in. In this session you'll learn how to take your Data Services to the next level. You'll see how to leverage the power of custom Interceptors to alter the default behaviors of services. You'll also learn techniques to enforce common generic behaviors which handle such things as data validation, data transformation, caching, and logging. The possibilities for this amazing WCF extensibility mechanism are endless.

You will learn:

- How to use custom Interceptors to alter query behavior and non-safe operations (i.e. Create, Update, Delete, and non-standard HTTP operations)
- How to use custom behaviors to handle such things as data validation, data transformation, caching, and logging
- Understand the advantages and trade-offs of using these techniques

Session Descriptions by Track, continued

HTML5

■ T03 HTML5/jQuery On-Ramp

Rich Dudley

Tuesday, May 15

9:15 – 10:30 a.m.

If 50,000,000 Elvis fans can't be wrong, then 25,000,000 websites (and every single browser) are pretty close to a sure thing. Since its release in 2006, jQuery has gained a tremendous following--so much so that in 2008, Microsoft made the decision to replace it's then 20-month old ASP.NET Ajax framework with jQuery for all future client side programming libraries. Despite not having an official standard, HTML 5 is becoming the standard for cross-browser, cross-platform web applications. In this session, we'll look at the fundamentals of both jQuery and HTML 5, explore some of the main features of each, and see how to start new or enhance existing applications. Whether you develop in WebForms, MVC or PHP, there's something in this session to be learned.

■ T07 Upgrade Your Website to HTML5 – Introductory / Intermediate

Rajesh Lal

Tuesday, May 15

10:45 a.m. – 12:00 p.m.

Learn what you need to do, to upgrade your existing web application with HTML5. How and Where do you start? Learn how you capitalize on the State-of-the-Art HTML5 tags, Cutting edge graphics and animation with CSS3, and advanced HTML5 API and take your existing website to the next level of Web revolution.

You will learn:

- Upgrade your current website with HTML5
- Use advanced HTML5 APIs which gracefully degrade
- Know how to enhance your website with the latest HTML5 goodies

■ T11 HTLM5

Marcel de Vries

Tuesday, May 15

1:30 – 2:45 p.m.

Details Coming Soon

■ T15 Microsoft To Be Announced

Tuesday, May 15

3:00 – 4:15 p.m.

Details Coming Soon

■ T19 Microsoft To Be Announced

Tuesday, May 15

4:30 – 5:45 p.m.

Details Coming Soon

WINDOWS 8 / WINRT

■ T02 Microsoft To Be Announced

Tuesday, May 15

9:15 – 10:30 a.m.

Details Coming Soon

■ T06 Get Started with XAML Development on Windows 8

Pete Brown

Tuesday, May 15

10:45 a.m. – 12:00 p.m.

In 2011, Microsoft introduced Metro and WinRT to the world. One of the styles of development for these new features of Windows 8, is XAML and C#/VB. How do current .NET developers get started with development? How do you apply your current Silverlight and WPF skills to this new and exciting platform?

This code and demo-focused session will show developers how to target this platform and how to bring their current skills into the world of Windows 8 Metro.

You will learn:

- How to start working with Windows 8 using XAML and C#
- How to apply current (Silverlight, WPF) development skills to this new world

■ T10 Building Windows 8 Applications with HTML5 and jQuery

Rich Dudley

Tuesday, May 15

1:30 – 2:45 p.m.

One of the many new advances in Windows 8 is the ability to create Windows applications using HTML, CSS and JavaScript. In this session, we'll take a look at the Windows 8 technology stack on which these applications run, how HTML/CSS/JS apps actually run, and discuss the implications of the different ways to utilize third party libraries such as jQuery. We'll then migrate an MVC application which utilizes jQuery into a Metro-style application. By the end of this session, you'll have a solid idea of what it means to have a Metro-style application built with web technologies.

■ T14 Lap Around the Windows Runtime – Introductory

Rockford Lhotka

Tuesday, May 15

3:00 – 4:15 p.m.

When writing applications for Windows 8's new Metro interface, developers will be using the Windows Runtime to interact with the operating system. The Windows Runtime is an important piece of building any Metro-style application. This session will introduce the Windows Runtime to developers, and cover key aspects of this

Session Descriptions by Track, continued

new platform, how it can be used to tackle common application scenarios, and how to use it from .NET, HTML5 + JavaScript, and even C++.

You will learn:

- Overview of the Windows Runtime in Windows 8
- How to use the Windows Runtime from .NET, HTML + JS, and C++
- Comparisons to existing frameworks and discussion of how to port existing code

■ T18 A Look at Windows 8 Metro Apps and WinRT Internals – Intermediate

Vishwas Lele

Tuesday, May 15

4:30 – 5:45 p.m.

This session will introduce the key concepts behind a Windows 8 Metro style App, including Windows RunTime, language projections and WinRT Type System. After a review of key concepts, we will walk-through several examples that illustrate how .NET languages and JavaScript can be used to build Windows Metro Style Apps.



■ W02 Build Portable XAML Client App Logic and Resources – Intermediate

Brian Noyes

Wednesday May 16

9:15 – 10:30 a.m.

You need to build a WPF or Silverlight client app today, but you don't want to have to rewrite an entirely new version when you start targeting Windows 8 and Metro style apps. There is definitely a path for reuse of code from WPF or Silverlight to Metro, but it takes planning and using the right set of functionality and coding patterns in your app today if you want to minimize the effort of migration to Metro. This session will focus on identifying what kinds of code are good candidates for migration. It will lead you through the coding and design patterns and ways of structuring your code to maximize the potential of reuse of both XAML resources as well as app logic code in view models, repositories, services, and other kinds of client code.

You will learn:

- How to structure your code for maximum reuse and easy migration to Metro from WPF or Silverlight.
- What kinds of code can be reusable and what can't.
- How to migrate portions of an app between WPF/ Silverlight and WinRT/Metro.

■ W06 Building Metro Style Apps: Getting the UX Right – Intermediate

Brian Randell

Wednesday, May 16

10:45 a.m. – 12:00 p.m.

Metro Style Apps promise to change the way you build applications for Windows 8. In this session come learn the principles of Metro Style Apps and how you do design your user experience including fonts, colors, application flow, user interactions points, and application connectivity.

You will learn:

- What are Metro Style apps
- Core design principles for great UX
- Principles of great Metro Style apps

WINDOWS PHONE 7

■ T20 Developing Apps for Nokia Windows Phone – Introductory / Intermediate

Rajesh Lal

Tuesday, May 15

4:30 – 5:45 p.m.

Learn to develop Mobile Apps for Nokia Windows Phone Lumia. See what's unique about the Nokia Windows Phone also known as the "First Real Windows Phone". Create some snazzy graphics and animation using XAML. The session with Live Demo on Nokia Windows Phone Lumia.

You will learn:

- Windows Phone Development on Nokia Phone
- Key features of Nokia Windows Phone Lumia
- See a working demo with advanced graphics and Animations

■ W04 Building Windows Phone Applications Using the Fast Lane: Using RIA Services on Azure as Your Backend – Intermediate

Marcel de Vries

Wednesday, May 16

9:15 – 10:30 a.m.

Always wanted to build a windows phone application and need a backend service to feed it with data? In this session

Session Descriptions by Track, continued

I will show you how you can leverage RIA services for your phone applications. I will show how easy it is to deploy it to windows azure and how we can leverage claim based authentication with Azure ACS. Furthermore I will show you how you can use a parts of the Azure Phone toolkit as the foundation of a login experience on your phone device.

You will learn:

- How you can use RIA services as the service layer beyond the Silverlight client
- How you can secure your service and push it to the cloud
- How easy it is to build your RIA service in Azure and hence scale with the success of your phone app

■ W12 Advanced XNA Games for Windows Phone – Intermediate / Advanced

Brian Peek

Wednesday, May 16

1:30 – 2:45 p.m.

XNA is an extremely powerful platform that extends far beyond simple 2D sprite-based games. In this session, learn how to build 3D games and the deal with the complexities that come with moving to the third dimension. The session will consist of building a very simple 3D game for Windows Phone. Specifically, attendees will learn how to import pre-built 3D models, animate them, and display them in 3D space. Additionally, the session will cover shader-based effects, handling user input, playing sounds and music, and putting it all together for submission to the Marketplace.

You will learn:

- Introduction to 3D graphics
- How to use 3D graphics and associated concepts on Windows Phone with XNA
- Tips and tricks for maintaining high performance with 3D with XNA

CROSS PLATFORM MOBILE

■ W08 Visual Studio for Mobile Apps on iOS, Android and WP7

Miguel de Icaza

Wednesday, May 16

10:45 a.m. – 12:00 p.m.

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

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

You will learn:

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

■ W16 ASP.NET MVC for Mobile Devices – Intermediate

Rob Daigneau

Wednesday, May 16

3:00 – 4:15 p.m.

Mobile devices are everywhere. Unfortunately, most of today's web applications are very hard to use on mobile devices and don't look very good when rendered on them. The challenge for developers is how to create rich, responsive web applications that work in full-size browsers and on mobile devices with the minimum amount of code. In this session you'll learn how to do just that with the current MVC3 stack. We'll also see how MVC4 will simplify much of this work for you.

You will learn:

- How to create an MVC3 application capable of targeting multiple device types
- How MVC4 enables multi-platform targeting
- How to leverage Razor layouts and views for various display types



“As a one-man development team, using blogs and coding sites only help so much. Being able to get real-life training and talk to people who work in the industry are important. VSLive has offered a good opportunity to do just that, with a good range of technology areas and interests.”

Kevin Dietrich, Owner/Developer, Kdietrich LLC

Visual Studio Live! New York Speakers

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 MIX, CodeStock and others. Rachel is also an alumni of the Microsoft MVP award program and INETA Speakers Bureau.

Jason Bock - Principal Consultant, Magenit Technologies



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

Robert Boedigheimer - Principal Systems Developer, Schwans Shared Services, LLC



Robert Boedigheimer works for Schwans Shared Services, LLC providing business solutions with web technologies and leads Robert Boedigheimer Consulting, LLC. Robert has been designing and developing web sites

for the past 15 years including the early days of ASP and ASP.NET. He is a columnist for aspalliance.com, a Pluralsight Author, an ASP.NET MVP, an author, a MCPD: ASP.NET 3.5, and a 3rd degree black belt in Tae Kwon Do. Robert has spoken at industry conferences including Visual Studio Live!, Heartland Developers Conference, DevLink, DevTeach, Tulsa Tech Fest, DevWeek, DevReach, SDC, TechEd, DevConnections, AJAXWorld, and numerous national and international events.

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



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

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

Andrew Brust - Founder & CEO, Blue Badge Insights



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

Miguel Castro - Architect, IDesign



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

Tiberiu Covaci - Independent Trainer



Tiberiu started his career as a professional developer in 1991. Since 2004 he has worked as an independent trainer, teaching classes about .NET programming on all levels. But what he loves most is teaching introductory

Visual Studio Live! New York Speakers, continued

courses because that gives him a chance to influence future .NET programmers. His passion about technology made him a much appreciated speaker at different conferences like TechEd US & Europe, DevReach, NDC, TechDays, and ScanDev. He is a Group Leader for Sweden .NET User Group, an INETA Speaker Bureau member, INETA Country Lead for Sweden, and Telerik MVP.

Rob Daigneau - *Director of Application Architecture, BlueMetal Architects*



Rob Daigneau, the Director of Application Architecture at BlueMetal Architects, has over twenty years experience designing and implementing enterprise-class applications and products for a broad array of industries from manufacturing, to financial services, to retail and travel. Prior to BlueMetal, Rob served in such prominent positions as Director of Architecture for Monster.com, and Systems Manager at Fidelity Investments. Rob has provided thought-leadership through his many appearances at technology conferences throughout the world. He is the author of "Service Design Patterns: Fundamental Design Solutions for SOAP/WSDL and RESTful Web Services" on the prestigious "Martin Fowler Series" (Addison Wesley).

Miguel de Icaza - *CTO, Xamarin*



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

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 he immediately used it to write the first commercial application to go live 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.

Roger Doherty - *SQL Server Technical Evangelist, Microsoft*



Roger joined Microsoft in 1991 from Sybase, Inc. as a SQL Server trainer for Microsoft University. Since then he has filled a variety of roles including pre-sales Systems Engineer for Microsoft Federal in Washington DC, Software Design Engineer for Windows Server, and Technical Evangelist for Microsoft Developer and Platform Evangelism. In his current role Roger focuses on driving adoption of SQL Server and SQL Azure with professional developers worldwide. A graduate of Drexel University, Roger is a native Philadelphian and enjoys mountain biking with his family and searching for an edge in games of chance.

Rich Dudley - *Technical Evangelist, ComponentOne*



For an entire decade, Rich inhabited cubicles at several companies in the same office park, eventually leading a team of developers building data warehouses, web-based BI applications and integrating mission critical

systems. Today, as a Technical Evangelist for ComponentOne, Rich travels the country sharing new technologies with an eye toward the usefulness of these technologies to the poor souls still in their cubicles. Rich has been working with Azure since the early beta days, with Windows Phone 7 since before you could leave one in a bar, and is co-author of "Microsoft Azure: Enterprise Application Development" from Packt Publishing (<http://bit.ly/msazurebook>). Follow Rich's on Twitter at http://twitter.com/#!/rj_dudley.

Ido Flatow - *Senior Architect, Sela Group*



Senior architect and speaker at SELA Group. I have over 14 years of experience in developing, designing and managing information systems, and today I'm consulting on Entity Framework and Web technologies, such as WCF, ASP.NET, IIS, and Silverlight.

I'm the co-author of Microsoft's Official WCF 4 course (10263A), and co-author of the book "ASP.NET 4 Programmer's Reference" (ISBN 0470505451).

I'm a Microsoft MVP for connected systems development, and awarded as a Microsoft Community Contributor for 2011.

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

Visual Studio Live! New York Speakers, continued

Tim Huckaby - *Chairman/Founder and CEO/Chairman, InterKnowledge and Actus Interactive Software*



Tim Huckaby is currently focused on RIA & Rich Client Technologies like Silverlight, WPF, VSTO, Surface, and Windows 7 and the Multi-touch capabilities that these .NET technologies share. He has been called a "Pioneer of the Smart Client Revolution" by the press.

Tim has been awarded multiple times for the highest rated Keynote and technical presentations for Microsoft and numerous other technology conferences around the world by Microsoft Corporation. Tim has done Keynotes and Technical Session presentations on Microsoft Technologies at technology events all over the world and is consistently rated in the top 10% of all speakers at these events. Tim has done keynote demos for numerous Microsoft executives including Bill Gates and Steve Ballmer.

Tim founded InterKnowledge, experts in Microsoft .NET and Microsoft Platforms, in 1999 and has 25+ years experience including serving on a Microsoft server product team as a development lead on an architecture team. Tim is a Microsoft Regional Director, an MVP and serves on multiple Microsoft councils and boards.

Rajesh Lal - *Senior Engineer, Nokia Inc*



Rajesh Lal is a distinguished Nokia engineer, author and a speaker with a decade of experience in Microsoft .NET technologies. He has written multiple books on Windows Gadget, Web Widget, Smartphone Mobile, and most recently on Creating Rich Internet Applications with Silverlight and C#.NET namely Fun with Silverlight 4.

Peter Laudati - *Developer Evangelist, Microsoft*



Peter Laudati, the "JrzyShr Dev Guy," is a Developer Evangelist with Microsoft, based in the New York/New Jersey area. One of his roles is supporting and educating developers working Microsoft technologies. Peter supports the developer community in the NY Metro area by speaking at user

group events, Code Camps, and various tech conferences. Peter is also the co-host of the "Connected Show" (www.connected-show.com), a podcast focused on the cloud and connecting Microsoft technology with non-Microsoft technology. His blog can be found at <http://www.peterlaudati.com>. You can also follow him on Twitter @Jrzyshr.

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.

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



Leonard Lobel is the chief technology officer (CTO) and co-founder of Sleek Technologies, Inc., a New York-based development shop with an early adopter philosophy toward new technologies. He is also a principal consultant

at twenty-six New York, a Microsoft Gold Certified Partner. Programming since 1979, Lenni specializes in Microsoft-based solutions, with experience that spans a variety of business domains, including publishing, financial, wholesale/retail, health care, and e-commerce. Lenni has served as chief architect and lead developer for various organizations, ranging from small shops to high-profile clients. He is also a consultant, trainer, and a frequent speaker at local usergroup meetings, Visual Studio Live!, SQL PASS, and other industry conferences. Lenni is also lead author in the new MS Press book "Programming Microsoft SQL Server 2008". He can be reached at lenni.lobel@26ny.com.

Justin Marks - *Senior Program Manager for Microsoft's Team Foundation Server*



Justin works on the lightweight requirements offering for Visual Studio vNext including PowerPoint Storyboarding and feedback from stakeholders. During the Visual Studio 2010 product cycle, Justin worked on the user experience and collection model for IntelliTrace. During his 9 years at Microsoft, Justin has also worked on MSN.com as a Systems Engineer during the version 8 and 9 product cycles and on the Windows Shell as both a Software Design Engineer in Test and a Program Manager during Vista and Windows 7.

Brian Noyes - *Chief Architect, IDesign Inc*



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

Visual Studio Live! New York Speakers, continued

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 by 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 Visual Studio Live!, Tech•Ed, and the PDC. In addition, Brian shares through the written word. Brian currently writes the Team System column for *MSDN Magazine*.

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.

Gabriel Torok - CEO PreEmptive Solutions



Gabriel Torok is the CEO of PreEmptive Solutions. A lite version of PreEmptive's Dotfuscator tool has been bundled with Microsoft's Visual Studio since 2003. In addition, starting in 2012, a light version of PreEmptive Analytics will be bundled in Microsoft's Team Foundation Server. As a result, He has an outsiders "insider" view of Microsoft's developer division. He has authored two technical books and has been a speaker on various topics related to software at many national and international conferences including Software Developer's Conference, SD Best Practices Conference, TechEd, VSLive and others. Gabriel has a passion for software development and is the current chairman of the Northeast Ohio Software Association.



"Being able to interact with some of the top in the industry has given me new information that I will be able to use on current and future projects to help make them and myself as successful as possible."

Rick Adair, Sr. Solutions Architect, Forgo Public Safety Solutions

Visual Studio Live! New York Sponsors

PLATINUM SPONSOR:



Esri's geographic information system (GIS) software gives you the power to think and plan geographically. GIS is used in more than 350,000 organizations worldwide. It helps cities, governments, universities, and Fortune 500 companies save money, lives, and our environment. Whether transporting ethanol or studying landslides, these organizations use GIS to collect, manage, and analyze geographic information, which helps them see relationships, patterns, and trends. They can then solve problems and make better decisions because they are looking at their data in a way that is quickly understood and easily shared. www.esri.com

EXHIBITORS:



AppDynamics is the leading provider of application management in the cloud and the data center, delivering solutions for highly demanding distributed, dynamic, and agile environments. Our customers use us to monitor, troubleshoot, diagnose, and scale their production applications, and over 60,000 people have downloaded our free Java solution at appdynamics.com/free



Sitecore redefines how organizations engage with their customers online, powering experiences that can sense and adapt to a customer's needs to increase revenue and customer lifetime value and satisfaction. Sitecore's powerful development platform, integrated marketing automation tools and intuitive editing workspace have enabled thousands of organizations to create and manage more than 32,000 dynamic websites. www.sitecore.net

MEDIA SPONSOR:



With nearly 7.6 million registered members (and growing!), The Code Project is one of the world's largest independent developer communities. Find what you're looking for in more than 31,000 top-quality programming articles and tutorials—with hundreds of new articles each month—plus code snippets, discussions, news and the best bunch of developers on the net. Developers from all over the world come together to share source code, tutorials and knowledge for free—to help their fellow devs. www.codeproject.com

The Code Project is the official Visual Studio Live! 2012 Wi-Fi Sponsor.

Registration Packages

- The Visual Studio Live! Best Value Package is your four day all-access pass to every keynote, session, workshop and event **May 14-17, 2012**.

VISUAL STUDIO LIVE! BEST VALUE PACKAGE

Standard
(after April 11)
\$1,995

PACKAGE INCLUDES:

All Visual Studio Live! Sessions and Keynotes • Pre-conference workshops • Reception
Networking Events • Lunch (May 14-17) • Laptop Computer Bag • T-shirt with Completed Survey
Proceedings CD of all course notes and sample code



- The Visual Studio Live! Complete Conference & Hotel Package includes the four day all-access pass (**May 14-17, 2012**) PLUS four nights at the NY Marriott at the Brooklyn Bridge.

VISUAL STUDIO LIVE! COMPLETE CONFERENCE & HOTEL PACKAGE

Standard
(after April 11)
\$3,195

PACKAGE INCLUDES:

- 4-day Best Value Conference Pass
- 4 nights at the NY Marriott at the Brooklyn Bridge (Room and tax only) - only available Sunday night (May 13) through Wednesday night (May 16), departing Thursday (May 17)

Registration Packages, continued

Group Discounts: Save \$500

Bring 3 or more colleagues to Visual Studio Live! New York and **SAVE \$500** off the standard rate! The Group Discount Package includes the four day all-access pass to every keynote, session, workshop, and special event May 14-17.

\$1,495 per attendee
(Save \$500 off standard rate)

Package Includes:

- All Visual Studio Live! Sessions and Keynotes
- Pre-conference workshops
- Reception
- Networking Events
- Lunch (May 14-17)
- Laptop Computer Bag
- T-shirt with Completed Survey
- Proceedings CD of all course notes and sample code



- The Visual Studio Live! Conference Package grants you access to all sessions and activities **May 15-17, 2012**. (Does not include Workshops)

VISUAL STUDIO LIVE! 3 DAY CONFERENCE PACKAGE:

Standard
(after April 11)
\$1,595

PACKAGE INCLUDES:

All Visual Studio Live! Sessions and Keynotes • Reception • Lunch (May 15-17) • Laptop Computer Bag
T-shirt with Completed Survey • Proceedings CD of all course notes and sample code

- The Visual Studio Live! Workshop Pass grants you access to one full-day workshop on **Monday, May 14, 2012**.

ONE-DAY WORKSHOP PASS \$495

PASS INCLUDES:
Pre-Conference Workshop – Monday, May 14, 2012;
Lunch

- Book includes Conference session slides and space for taking notes.

CONFERENCE PROCEEDING BOOK \$40

All attendees will receive the Visual Studio Live! Attendee proceedings CD. However, the full Visual Studio Live! New York proceedings book is available for \$40 and contains all of the session slides contained in the CD with plenty of extra space for taking notes.