



FAIRFIELD / WESTCHESTER CODE CAMP 2009

Speakers / Sessions

AMES, EDWIN

Edwin Ames has been developing software for over a decade. He has written solutions for many industries including Corporate Relocation and Insurance, and is a regular speaker at .NET events. He is currently with YellowBook USA. His technical interests include design patterns and development methodologies.

OBJECT CREATION AND DESTRUCTION WITH C#

Like all C# programmers, you use a lot of objects; but do you really understand their lifecycle? Do you know when to use field initializers and when you need a constructor? Do you know why most classes don't have destructors; or why you want lots of small, short-lived objects? If you answered "no" to any of these questions, come to Edwin's beginner to intermediate session. He'll show you a consistent way to look at object creation and destruction. Along the way you'll gain a better understanding of some best practices. What you don't know can hurt you. Take advantage of this chance to improve your grounding in a fundamental aspect of C# and .NET.

BAIRD, JOHN

John Baird began his computer programming career while in the US Navy. In 1982, he helped form and direct the first PC-based computer processing department for training and manpower in the Department of Defense. After leaving the military in 1988, John began a varied career as a consultant developing business applications ranging from computer-based training to vertical market software for resellers.

Today, John is working for the industry leader in financial software for fund administration. He is currently pursuing his PhD and is developing a web-based business presence using ASP.NET technologies. John has been a Microsoft MVP since 2008.

BEGINNING MOBILE DEVELOPMENT

This introductory presentation will cover the basics of setting up the compact framework, SQLCE, working with emulators, ActiveSync and the differences between developing using the regular .NET framework and the compact framework.

WINFORMS TO SILVERLIGHT – MAKING THE SWITCH

We will take a look at the newest incarnation of UI building tools from Microsoft. This presentation will look at the basics of Silverlight. We will look switching a program from WinForms to Silverlight to build functional LOB apps.



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CHATTERJEE, SUPRIYO "SB"

Supriyo "SB" Chatterjee is an Architect/Tech-Lead based in Hartford, CT. He has over 20 years experience in IT and has worked at various companies like Aetna, IBM, UNICEF and the State of Connecticut. He holds graduate degrees in Computer Science, Business Administration and Economics. He was twice awarded the Microsoft MVP Award for Groove-Architecture (<http://tinyurl.com/sbcmvp>), and also moderates Microsoft Groove workspaces (<http://ctdotnet.org/Groove.aspx>). He is an Acting Director of the Connecticut .NET Developers Group (<http://www.ctdotnet.org>).

GROOVE FOR .NET DEVELOPERS (IN STEREO)

Groove is a highly-secure peer-to-peer collaborative platform that brings people and applications together rapidly. Groove is part of the Microsoft Office Suite and integrates with SharePoint (Groove is being renamed to SharePoint Workspace 2010 in the upcoming version). This introductory session will give an overview of Groove and show it from a .NET developer's perspective. The use of the Groove API – GWS (Web Services), CodePlex's GWS wrapper, DataBridge and SharePoint integration. All with examples and .NET code. The presentation will be on two screens showing the peer-to-peer capabilities of Groove.

WINDOWS SHAREPOINT SERVICES (WSS) .NET DEVELOPMENT

Windows SharePoint Services v3 (WSS) provides development facilities to extend the capability of WSS sites. These include provisions for Security, Features, Site Definitions, Object Model, Web Services, Web Parts, Events and Workflows. This introductory presentation will provide an overview of WSS .NET techniques and best practices in developing applications that extend and enhance WSS sites. Some knowledge in .NET development and using SharePoint sites is presumed.

DENONCOURT, PHIL

Phil Denoncourt is a .NET consultant, who over the past 7 years has developed a wide range of .NET applications and has over 20 years experience writing software. He is the leader of the New England C# User Group and speaks at many venues in the New England Area on a variety of development topics. Phil is certified in a host of .NET Technologies including Team Foundation Server, Windows Communication Framework, SQL 2008, and ASP.NET.

PREPARING YOUR ASP.NET SITES FOR GLOBALIZATION AND LOCALIZATION

Over half of the people connected to the Internet do not speak English. It's likely that at some point in your career, you will need to prepare your web application to reach non-English speaking people. We'll talk about globalization and localization concepts such as resource files, dealing with images, regular expressions, caching, and the underlying framework. We'll also look at G&L in JavaScript/jQuery.



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DOUGLASS, DAVID

David Douglass has been developing software for over 30 years, having worked on mainframes, mini computers, and PCs. He's been developing almost exclusively with .NET since 2002. Currently, he's working at ADP as the project lead for a printing services system built using .NET.

NEW DEBUGGING FEATURES IN VISUAL STUDIO 2010

A hands-on demonstration of the new debugging features of Visual Studio 2010, including:

- IntelliTrace
- Parallel Stacks and Parallel Tasks
- Concurrency Profiler and Concurrency Visualizer
- WPF Tracing
- Managed code dump debugging

FINKE, DOUG

Doug Finke is a Microsoft PowerShell MVP, runs the New York City PowerShell Script Club and is a software developer at Lab49, a company that builds advanced applications for the financial service industry.

Over the last 20 years, Doug has been a developer and author working with numerous technologies. You can catch up with Doug at his blog Development in a Blink (<http://dougfinke.com/blog/>).

POWERSHELL DEEP DIVE

This session starts with an overview of PowerShell V2 and its building blocks. Then it dives into working scripts that:

- Parse and operate on XML
- Pulls data from Twitter
- Create and launch WinForms
- Interacts with WPF
- Works with your personally developed .NET DLLs



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GOFF, KEVIN S.

Kevin has been a Microsoft .NET MVP since 2005. He's been a columnist for Code Magazine from 2004 through 2008, and he's a SQL Server and Business Intelligence developer, author, and instructor.

INTEGRATING MDX WITH THE MICROSOFT BI STACK

Learning how to use MDX is like learning French - you study it for months before going to France... but when you get to France, you discover that you only use a few words or phrases at any one time. However, it's important to be precise and accurate - or else you may find the waiter bringing you a shoe instead of a glass of wine. :) In this intermediate session, we'll show the different ways MDX comes in handy when reporting against OLAP cubes. We'll look at using MDX inside of Analysis Services to build KPIs, Reporting Services, Excel 2007, and even MOSS. The attendees will see several examples of how we can use MDX to bolster our OLAP reporting repertoire (wow, a French word!) We'll also look at writing reusable MDX code expressions to build an OLAP analytic library.

SQL SERVER INTEGRATION SERVICES 2008 - WHAT EVERY DB DEVELOPER SHOULD KNOW

Do you often manually write T-SQL/.NET code to extract data from one source, work with it, and then place it in a different area? Are you trying to figure out how SSIS "fits" into a database development process? Then this presentation is for you. Kevin is a database/Business Intelligence instructor who would love to show you how SSIS can make you more productive and can perform data processing tasks you never imagined. No prior knowledge of SSIS is needed, but it will help if you have basic database programming/SQL skills. In this intermediate session we'll look at several pre-built SSIS packages that perform "real-life" operations.

HUTNICK, EVAN

Evan Hutnick is a long time development enthusiast and now Developer Evangelist at Telerik. His dream is to one day reap the profits of a mega-successful game release (yes, he also like XNA!). Until then, he loves exploring all facets of technology and will continue to keep up on anything and everything neat in the world of tech.

SILVERLIGHT 3: TAKING LINE OF BUSINESS APPLICATIONS OUT OF THE BROWSER

With Silverlight 3 bringing us increased support for both being out of the browser and disconnected from the network, developers are faced with new opportunities and new challenges in how to handle their rich Internet applications. This session will start by looking at the technology that Silverlight 3 offers for disconnected, out of browser applications and then will extend further into the implications of this new experience and how to use things like isolated storage and the network API to your advantage, providing an excellent user experience in any application state.



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KADIMDIWAN, SUNIL

Sunil is a BI Architect & Developer with an extensive record of successfully architecting and implementing mission critical Database & Reporting solutions. He has a deep knowledge of the Microsoft BI and SQL Server technology platform, and is a frequent speaker at Microsoft sponsored events in the New England region.

VISUALIZE YOUR DATA ON A MAP: REPORTING SERVICES 2008 R2

SSRS 2008 R2 has some exciting new features. In this session Sunil will show you how you can use Report Builder 3.0 (new to R2) to consume spatial data and Bing maps in your Reports. He will also show Report Manager look and feel changes with SharePoint-like interaction and menus; and other features.

KRIVYAKOV, IVAN

Ivan Krivyakov is a senior manager consultant in SunGard Consulting Services, LLC. He has 15 years of experience with Microsoft and other technologies, and over 5 years of .NET experience on development, architecture, and technical leadership positions. Ivan has developed software for major financial institutions in New York City, and also contributed to the Rhino.Mocks open source library developed by Oren Eini (Ayende Rahien).

UNIT TESTING IN .NET AND RHINO MOCKS

Unit testing is an important part of modern software development. In this presentation we will review unit testing options available for the .NET developer: built-in support in Visual Studio 2008 and (time permitting) NUnit. We will also discuss the differences between unit testing and integration/system testing, properties of good unit tests and importance of continuous integration. Ivan will demonstrate how to write testable classes, and how to verify interactions between classes with stubs and mocks, with the help of the open-source Rhino.Mocks library.

LAUDATI, PETER

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 Microsoft customers working with the .NET development platform. Peter supports the community of .NET developers in the NY Metro area by speaking at user group events and Code Camps. Peter is also the co-host of the "Connected Show", a new podcast covering Microsoft technology with a focus on interoperability. His blog can be found at <http://www.peterlaudati.com>.

INTERACTIVE MEDIA IN UR RIAZ WITH SILVERLIGHT AND ASP.NET

Learn how to build an HD video streaming solution with IIS and Silverlight – all tied together neatly with your ASP.NET code. Among the cast of characters you'll find FastCGI, IIS Smooth Streaming, Expression Encoder, DeepZoom and more. Come experience how to build a video news application for conference & event websites.



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LYALIN, DMITRY & JHAVERI, SHRENIK

Dmitry Lyalin works for Microsoft Consulting Services out of the New York area. As a Consultant in Application Development, Dmitry focuses on .NET applications including ASP.NET, WPF and Silverlight. In his spare time Dmitry podcasts (<http://www.connectedshow>), presents at various events and enjoys his days off with his wonderful wife.

Shrenik Jhaveri works for Microsoft Global Services India. As a consultant in Application Development, Shrenik focuses on .NET based applications including WPF/Silverlight, WCF and ASP.NET. In his spare time Shrenik plays with programming, connects with friends and enjoys his days off on long drives with his wonderful wife.

AZURE PLATFORM END-TO-END DEMO

Microsoft's Azure Platform represents a strong commitment to cloud based technology that enables the developer to build end-to-end solutions powered by Cloud Services. In this presentation we will try to show such an end-to-end implementation that uses Windows Azure, SQL Azure and Silverlight to form a working product. Join us for some slides, code and cool demos that hope to give you an idea of how it can all work together.

MINERICH, RICHARD

Richard Minerich is a man who is passionate about functional programming. As a blogger, speaker and New England F# User group leader, he hopes to demonstrate the benefits of functional programming and to help you become comfortable with its slightly different way of thinking about how to write programs.

F# FOR TESTING AND ANALYSIS

One area where F# excels beyond other languages is its language oriented programming features. These are especially useful for the testing and analysis of existing code. In this intermediate to advanced talk, Richard will demonstrate how F# can be used to take some of the pain out of both testing and basic code analytics.

This is a great way to get your feet wet with F# while laying aside the problem of shipping code in a language you may not be completely comfortable with.

WHY F#?

With Microsoft adding another officially supported language to the .NET platform you may find yourself asking "Why? Aren't C#, C++ and VB enough?" In this session, Richard will strive to answer this question for you while walking through some of F#'s unique features.



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NEGOVAN, MILAN

Milan is an independent consultant and founder of AspNetResources.com – a blog dedicated to ASP.NET, web standards, and usability. Being an ASP.NET junkie, he takes a radically contrarian stance toward Microsoft's approaches of building web applications.

Milan is a frequent speaker at user groups and Code Camps. He shuns wholesale conferences due to their high level of noise, marketing hype, and excessive boozing.

KEEPING PULSE ON YOUR SITE WITH ASP.NET 2.0 HEALTH MONITORING

One of the best, yet often overlooked, features of ASP.NET 2.0 is Health Monitoring. It is absolutely essential to be notified of any problems with your web application, and this is where the little-known feature comes in handy.

In this session we will do group therapy to overcome aversion to unhandled exceptions. We will learn how to deal with them correctly with the help of Health Monitoring.

PROFESSIONAL CLIENT-SIDE DEVELOPMENT WITH MICROSOFT AJAX LIBRARY AND JQUERY

Writing raw JavaScript is as fun as pulling teeth. Microsoft AJAX Library and jQuery – both free, powerful tools – alleviate a lot of the pain of building rich user interfaces. This hand-in-glove combination takes client-side development to a whole new level.

In this session you'll learn how to use the Microsoft AJAX Library on its own or within ASP.NET; how it emulates concepts familiar to .NET developers: namespaces, classes, interfaces, inheritance; how to build script controls; and how to do serious debugging without `alert('Hi!')`.

We will cover how jQuery complements the Microsoft AJAX Library by removing much of the mundane work of navigating and manipulating the DOM.

POSEROW, BENJAMIN

Ben Poserow has been a developer for 12 years, alternating between Java and .NET. He has worked for the last three years at Sungard Consulting Services, providing application solutions for multiple large clients. He has previously presented to the .NET user group on AppDomains. He lives in Westchester with his wife Hayley and enjoys reading, running, biking, and is currently trying to learn to play the guitar.



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CUSTOM LINQ PROVIDERS

In this presentation, we will investigate how to create a custom LINQ provider. Ben will discuss the implementation of LINQ custom providers using the IQueryable interface, as well as design and implementation principles such as query providers, projections, expression trees, and expression visitors. Through two demos, LINQ to Amazon and LINQ to Yahoo financial services, we will see design details for how LINQ providers are actually implemented.

At the conclusion of this presentation, you will have an advanced understanding of LINQ, a technology that has become ubiquitous in .NET development, as well as having a much better understanding of the internals of existing LINQ providers, and you will be well on your way to creating your own providers! Basic knowledge of LINQ is expected.

ROLON, CHRIS

Based in the New York City area, Chris is an Architectural Consultant for Neudesic, a solutions company focused on the delivery of products and services based on Microsoft .NET technologies. Chris brings an extensive technology background with more than 25 years of industry experience in custom application development and implementation. Originally based in Irvine California, Chris has been actively involved with Microsoft's .NET development community since it was introduced at the Professional Developer's Conference in 2000. Chris has been an active speaker at MSDN events, Visual Studio launches and user groups throughout Southern California. Since relocating to the New York City area, Chris has spoken at the MSDN Developer Conference and several user groups in the local area. Chris now heads the Windows Azure User Groups in New York and Philadelphia. Chris has expertise in a number of Microsoft technologies, including WCF, Windows CardSpace and Windows WorkFlow, Windows Azure and the Geneva Framework. One of Chris' passions is application level security and secure coding practices. A consummate early-adopter, Chris utilizes his expertise to translate new, leading-edge technologies into real-world value. His adeptness for assimilating new technologies and deriving pragmatic results has seen him develop many proof-of-concept and technology pilot applications.

C# 4.0 LANGUAGE CHANGES

C# 4.0 along with .NET 4.0 are bringing many innovations to both the platform and the language. In this session we will examine the changes made to the C# language to support features such as, Dynamically Typed Objects, Optional and Named Parameters, Co and Contra Variance and other features.

INTRODUCTION TO SQL AZURE

In this session we will examine Microsoft's database for the cloud, SQL Azure. We will compare and contrast the features, management, performance, and operational costs of SQL Azure in the cloud vs. SQL Server in the enterprise. Demos will include migrating a simple database to SQL Azure.



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ZABLOCKI, JOHN

John Zablocki is the Development Lead at MagazineRadar, a NYC based information services company supporting the publishing industry. He is also an adjunct professor at Fairfield University in the Dolan School of Business. John holds an M.S. in Computer Science from Rensselaer, where he became an enthusiast of open source technologies.

Online, John can be found at <http://CodeVoyeur.com> or <http://dllHell.NET>. Offline, he can be found too infrequently with his dog, daughter and his Martin acoustic.

EXTENDING ASP.NET MVC WITH MVCCONTRIB AND CUSTOM CODE

ASP.NET MVC provides a powerful extensibility model. Developers are provided with hooks for plugging in custom controller factories, action filters and view engines. Creating HtmlHelper extensions allows complex HTML and JavaScript to be encapsulated. This intermediate presentation will cover pieces of the MVCContrib project and demonstrate how to create custom controller factories, action filters and HtmlHelper extensions.

EXTENDING .NET APPLICATIONS WITH THE DYNAMIC LANGUAGE RUNTIME

Efforts to create extensible .NET applications and components often involve creating custom configuration sections. These chunks of XML contain everything from validation rules and object initialization values to Web service URIs and log file paths. One approach to mitigate the ever increasing complexity of configuration data is to move to attribute based configuration. This intermediate presentation will describe an alternative approach in which actual .NET code is used as an external configuration source. Techniques for storing configuration data as IronPython or Boo scripts in external sources (XML or text files, databases) will be explored.