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Las Vegas

May 8-11, 2005



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Two Technology-Focused Conferences:

New! *SmartClient Live!*

- Inside Framework 2.0
- Smart-Client Architecture
- Data Access Strategies and Tactics—
and more

ASPLive!
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- Compilation in ASP.NET 2.0
- Using Enterprise Library with ASP.NET
- Insiders' View of IIS 7.0—and more

Full-Day Workshops on Indigo,
ASP.NET 2.0, Team System, and OO Apps

Microsoft



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Two Dynamic Keynotes



**Building a
Customer-Focused
Visual Studio**

Prashant Sridharan,
Senior Product Manager for
Visual Studio, Microsoft



**Introducing
Indigo**

Ari Bixhorn,
Lead Project Manager,
Web Services Strategy,
Microsoft

Register by April 6, Save up to \$250

Call **800-848-5523** (or 650-378-7100)

www.vslive.com/lv



Dear .NET Professional,

You told us you wanted VSLive! to come to Las Vegas, so this May you get your wish.

We continually survey Visual Studio professionals about what they want from VSLive!, and Las Vegas ranks among the top sites you have picked. So, we're packing up our band of top-rated speakers and bringing them to the Rio Hotel and Casino—home to nightly shows like Penn and Teller, and a 100,000 square foot gaming floor. Plus, we've arranged for a low room rate of \$169.

But, of course, you come to VSLive! for the content, and we deliver with our mix of pragmatic, useful presentations by practitioners, trainers and Microsoft managers. You get insightful tips on topics such as data access, virtualization, generics and design patterns, mixed with what you need to know to plan for emerging technologies. In Las Vegas, this know-how includes a glimpse behind the curtain at IIS 7.0, Indigo and Framework 2.0.

Four, full-day in-depth workshops tackle Indigo, ASP.NET 2.0, Team System, and one of our top-rated speakers presents one of his most popular workshops yet—Rocky Lhotka with Build Distributed Object-Oriented Apps in .NET.

We look forward to seeing you in Las Vegas.

Sincerely,

Jim Fawcette
Founder, CEO & President
Fawcette Technical Publications, creators of VSLive!

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SmartClient Live!	\$1,095
ASP Live!	\$1,095
Pre-Conference Workshop	\$395
Post-Conference Workshop	\$395

Total Value	\$2,980
Early Bird Gold Passport	\$1,495

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Why our attendees come back year after year

"I've learned more and been more interested in the content here than I have been at any other conference ever!"

"I'm getting a wide variety of information about a new technology, and I'm getting it from unbiased sources. I would recommend this conference to anyone developing in Visual Studio .NET."

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Keynotes

Gain Insights and Fresh Perspectives on Today's Hottest Topics
from Industry Experts

Monday, May 9 • 9 a.m.

Building a Customer-Focused Visual Studio

Prashant Sridharan, Senior Product Manager for Visual Studio, Microsoft



Visual Studio 2005 is the most customer-focused developer tools release from Microsoft. Come learn about all the new features in the product—from language enhancements, improved designers, and smart client development tools to Visual Studio Team System, a suite of software lifecycle management tools poised to transform how you deliver software.

Prashant Sridharan is the Senior Product Manager for Visual Studio. He is responsible for product planning for future versions of Visual Studio and driving the creation of development tools for enterprise customers. In previous roles at Microsoft he was the Product Manager for Visual J++ 1.1, Visual J++ 6.0, Windows CE Tools, Microsoft TV, and Visual C#. Prior to Microsoft, he was a software engineer at Sun Microsystems in Mountain View, CA and the MITRE Corp. in Washington, DC.

Tuesday, May 10 • 9 a.m.

Introducing Indigo—The Unified Programming Model for Building Service-Oriented Applications

Ari Bixhorn, Lead Project Manager, Microsoft



Indigo is Microsoft's unified programming model for building service-oriented applications. It enables developers to build secure, reliable, transacted solutions that integrate across platforms and interoperate with existing investments. Indigo combines and extends the capabilities of existing distributed systems technologies, including Enterprise Services, System.Messaging, .NET Remoting, ASMX, and WSE to deliver a unified development experience spanning distance, topologies, hosting models, protocols, and security models. Get an overview of Indigo and learn how it will radically simplify the development of distributed applications.

Ari Bixhorn is a Lead Product Manager for Web Services Strategy in the Developer and Platform Evangelism division at Microsoft. In this role, Ari is responsible for product planning and technical evangelism for Microsoft's Web services product offerings. Prior to joining Microsoft, Ari worked at British Telecom developing and supporting business-to-business electronic commerce solutions.

Midnight Madness • Monday, May 9, 8:30 p.m.

Here's a chance to unwind while you get the latest on cutting-edge development technologies. Hammer out programming issues and problems with attendees, speakers, and industry leaders in a wide-ranging, open-ended chat. Vie with other developers to get your share of thousands of dollars worth of cool prizes. It's informative and great fun.

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4 Intensive Full-day Workshops

Brush up on your skills at a pre-conference workshop. And to make sure what happens here doesn't stay here, hammer home what you've learned in Las Vegas with a post-conference workshop.

Pre-Conference, Sunday, May 8

Indigo Immersion



Aaron Skonnard, Pluralsight
9 a.m. - 6 p.m.

Indigo is the codename for Microsoft's next-generation distributed platform. Indigo makes it possible to build secure, reliable, and transacted connected systems through a simplified programming model that unifies and extends many previous .NET distributed technologies including ASMX, WSE, Enterprise Services, .NET Remoting, and System.Messaging. Not only is Indigo simpler to use than the collection of previous technologies, it's also more flexible and interoperable thanks to its service-orientated design and support for industry-standard Web services specifications, which makes reach a reality without sacrificing functionality. Indigo is sure to change the way every .NET developer builds connected systems. This all-day workshop provides fast-paced exposure to Indigo's surface area and shows you how to get started today.

Introduction to ASP.NET 2.0



Fritz Onion, Pluralsight
9 a.m. - 6 p.m.

With more than 40 new server-side controls and many new pieces of Web infrastructure, ASP.NET 2.0 brings more new features than any Web development technology in recent memory. We'll offer an introduction to the new features of ASP.NET 2.0. Leave with a solid understanding of the new features in 2.0 and the preparation to make the right design and implementation choices when the switch to 2.0 is made.

Pre-requisites: Some experience building Web applications with ASP.NET 1.1

Post-Conference, Wednesday, May 11

Team-Based Development Using Team System



Brian Randell, MCW Technologies
9 a.m. - 6 p.m.

Got team? If your team writes managed code in Visual Basic or C#, you'll want to check out the new Microsoft Visual Studio 2005 Team System. You'll learn about the new Enterprise-level source code control features, how to track design issues, features requests, and—yes—bugs, with the new work item-tracking feature. You'll also learn about new testing features. Discover how the new SOA and Class designers help you design and write better solutions. In addition, we'll show you the new project tracking features and how they can be used to keep your solution on target. Naturally, this product is still in beta form, so we'll also talk about the options you have today from both Microsoft and the community to do tasks such as source code control, unit testing, and project management.

Build Distributed Object-Oriented Apps with .NET



Rocky Lhotka, Magenic Technologies
9 a.m. - 6 p.m.

Get an in-depth look at the concepts and techniques from Lhotka's Expert VB.NET and C# Business Objects books on distributed business object programming. You'll learn how to design Windows and Web-based applications based on distributed business objects, achieving high levels of reuse, scalability, long-term maintainability, and other benefits. You will also learn how Web Services, remoting, object serialization, Enterprise Services, no-touch deployment, and other .NET technologies come together to create these applications.

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Breakout Sessions



Pragmatic and practical advice on smart-client development in VB and C#

Monday, May 9

New Smart-Client Features in Visual Studio 2005

BJ Holtgrewe, Microsoft
10:30 a.m.

Building and deploying Smart Client applications takes a giant step forward in 2005. Learn how Visual Studio 2005 makes it easy to build professional looking, high-performance Windows Forms applications using snaplines, smart tags, and in-situ editing; a large collection of new controls and new data features designed to make it easier to bind to middle tier business objects and process data asynchronously. Word and Excel documents for the Office System delivers the complete power of the .NET Framework to Excel 2003 and Word 2003, providing a familiar coding experience, the use of managed controls, and the natural ability to consume and expose Web services directly from Word and Excel documents and templates.

Maximize the Performance of Your .NET Applications

Brian Randell, MCW Technologies
10:30 a.m.

Make it go faster! We'll show you how you can. Understanding there is no magic bullet is the first step to maximizing the performance of your applications. After that, it's all about incremental improvements that you make to your application design and code. Learn how to refactor your code for better performance. Topics covered will include Visual Basic .NET, C#, SQL, Windows Forms, and ASP.NET.

Smart Data Access for Smart Clients Using ADO.NET 2.0

Steve Borg, Accentient
11:45 a.m.

Learn how new ADO.NET 2.0 features like Multiple Active Result Sets (MARS), integrated bulk loading operations, asynchronous data access, and client-failover can dramatically improve the performance of your code, while minimizing development time. Learn about the new features, see the code, and walk away with best practices.

The "My" Namespace in VB.NET 2005

Paul Sheriff, PDSA, Inc.
11:45 a.m.

A whole new namespace is introduced in VB.NET 2005 called My. This namespace contains classes that make it much easier to do common programming tasks that were easy in Visual Basic 6.0, but were a little harder to find in VB.NET. You'll learn how to gather machine information, access the Forms collection, how to work with the file system, get resources and application settings, and many other topics.

Smart Client: Real-World Lessons Learned

Billy Hollis, DotNetMasters
2 p.m.

Learn valuable lessons for real-world smart-client development. We'll present several useful components for typical smart client tasks, and discuss creation of an "application portal" as a single entry point for a smart-client system. We'll show some helpful extensions to standard Windows Forms controls, and give recommendations on security and deployment of smart-client apps.

Programming .NET 2.0 Transactions

Tom Barnaby, Intertech Training
2 p.m.

The .NET Framework 2.0 delivers radically faster transaction processing through the new System.Transactions namespace. With System.Transactions, you can build reliable distributed applications without paying the performance penalty traditionally associated with transaction programming. You'll learn about the new in-memory transaction manager for handling volatile resources, as well as the first-ever promotable transaction mechanism for dramatically improving efficiency and performance of transactional systems.

Data Access Strategies and Tactics

Jackie Goldstein, Renaissance Computer Systems, Ltd.
3:15 p.m.

Listen to alternatives and considerations for developing the data access portions of your applications, including numerous techniques for passing data through the tiers of your application. The pros and cons of such common approaches such as Datasets, XML, custom classes, and scalar values will be demoed and evaluated.

Generics, Operator Overloading, and More

Ken Getz, MCW Technologies
3:15 p.m.

Not sure what a generic is, or why you'd want to use one? Never considered overloading an operator, and aren't sure why you should care? Tried to create asynchronous behavior in Windows form, but never quite got it to work? We'll discuss all these features and more, showing off many of the new language features in VB.NET 2005.

Monday, May 9

SmartClient Live! sessions continued

Deploying and Maintaining Smart Client Applications Using ClickOnce

Cathi Gero, Prenia Corp.

4:30 p.m.

Imagine all the benefits of the Web application deployment model brought to the Windows smart client applications. ClickOnce, part of version 2.0 of the .NET Framework, allows the deployment of Windows-based rich client apps by placing the application files on a Web or file server accessible to the client and providing the user with a link. We'll cover Visual Studio 2005 deployment capabilities for online and offline application support, rolling back to previous versions of an application, listing an application in the Start Menu and control panel, .NET Framework redistribution, and zone-based debugging. Learn how to configure security to allow smart client applications to safely download and run.

Advanced Threading: Asynchronous Tasks and the Thread Pool

Tom Barnaby, Intertech Training

4:30 p.m.

Using delegates, the .NET framework provides a consistent pattern for executing tasks asynchronously. Learn about the mechanisms behind this pattern and how to apply it when making asynchronous calls to local objects, remote objects, and Web services. We'll also look at how to execute tasks using the runtime's built-in thread pool and best practices for using this feature. Then, we'll see how to safely manage asynchronous tasks in a Windows application. Finally, we'll look at some .NET 2.0 features related to threading, including the new background worker control and methods for correctly retrieving a thread id.

Runtime Code Compilation

Mark Michaelis, Itron

5:45 p.m.

Have you ever wanted to allow the user to provide custom validation rules for your business objects? Have you ever considered introducing scripting into your application as a means of customization? Delve into compiling code at runtime to solve these and similar scenarios. Runtime code compilation can be used for generating code within a build step or as part of application customization at runtime.

RAD Data, Common & Advanced Features

Jackie Goldstein, Renaissance Computer Systems, Ltd.

5:45 p.m.

How does Visual Studio 2005 scale from RAD Data to more advanced scenarios? We'll discuss how the new Data Features build upon, not change, the features we shipped in Visual Studio .NET 2003. We'll demonstrate how you can leverage the designer to scale your initial prototypes to full-scale applications. We'll drill into the new typed DataAdapter features of the Data Set Designer and some common ways to extend these classes with partial classes for advanced scenarios such as transactional updates.

Tuesday, May 10

Programming Indigo

Microsoft

10:30 a.m.

Indigo provides developers with a unified, attribute-based programming model for building distributed applications with maximum productivity. You'll learn how the Indigo architecture was designed, how it works, and most importantly—how you can leverage it to build service-oriented systems.

VB Application Framework

Keith Pleas, Guided Design

10:30 a.m.

Visual Basic 2005 includes a new, highly customizable application framework that makes it easier than ever to develop powerful Windows smart client applications. Visual Basic programmers now have application level Startup and Shutdown events, as well as the long-awaited Unhandled Exception event. With a few clicks of the mouse you can add a splash screen to your application, or turn it into a single-instance app. Learn about the new application logging and deployment features available through the My Object, and how to write custom extensions for My that you can use in your own solutions.

Comparing and Contrasting IBF and VSTO2

J. Mel Harris, JNCD

11:45 a.m.

Get a brief introduction to IBF (Information Bridge Framework) and VSTO2 (Visual Studio Tools for Office Version 2), and then compare and contrast the two design techniques for enterprise applications using Office applications on the desktop.

Implementing Custom .NET Security in Windows Forms

Rocky Lhotka, Magenit Technologies

11:45 a.m.

Do you store your user information in a database or in LDAP? Are there reasons you can't use Windows integrated security? If so, then this session is for you! If you can't use Windows integrated security, then you must figure out how to integrate .NET security with your specific security environment. We'll discuss ways to leverage the capabilities of .NET to seamlessly merge into an existing security infrastructure.

Inside Framework 2.0

Richard Hale Shaw, Richard Hale Shaw Group
2 p.m.

We'll examine those hidden nuggets in Framework 2.0 libraries. We'll start with Nullable types and Friend Assemblies, and move on to revered Framework classes—System.String, System.Console, System.Environment, and System.Diagnostics—and then explore new features and facilities that have been added to make them more powerful and useful. We'll wind up with an overview of the 100+ breaking changes introduced and how you can gird your applications against them.

MS Build for the Present and Future

Mark Michaelis, Itron
2 p.m.

Dive into the details of MS Build at a practical level. Topics include MS Build vs. Nant, basic MS Build file structure, customizing solution and project files, and running automated test scripts. More advanced topics such as creating custom tasks will also be covered. Perhaps most importantly, we'll delve into the details of how to use MS Build and Visual Studio 2005 in development, while targeting assemblies for the 1.1 .NET Framework.

Smart-Client Architecture

Billy Hollis, DotNetMasters
3:15 p.m.

Find out how to design the layers within the client. Learn how to control how clients get, use, validate, and send back data. We'll also cover designing for offline operations, componentizing functionality, and how to take advantage of the stateful nature of smart clients.

.NET 2.0 Resource Model

Keith Pleas, Guided Design
3:15 p.m.

The .NET resource model allows developers to easily create applications that use external text and binary resources. We'll cover the application model, the resource types, the tools, and the code required for the entire end-to-end process of developing localized Windows Forms applications.

Implementing Design Patterns in .NET

Richard Hale Shaw, Richard Hale Shaw Group
4:30 p.m.

Learn how Design Patterns have become a lingua franca for software developers who want to develop a common vocabulary of Best Practices in a standardized fashion. You'll also learn how Design Patterns embody best practices for design and architecture, and we'll examine a number of the key patterns originally defined by the Gang of Four (GoF). Finally, we'll evaluate several competing C# implementations of these Patterns, how to best use features of the language when implementing them, and learn how the CLR can affect the success of a particular Pattern implementation.

Enterprise Library for Smart Clients

Ron Jacobs, Microsoft
4:30 p.m.

The free Microsoft source code in Enterprise Library includes seven updated application blocks from the Microsoft patterns & practices team. We'll focus on applying the blocks in the context of developing smart-client applications that allow you to improve performance, security, and supportability.



With in-the-trenches experience, Rockford Lhotka's developed a keen insight into topics such as distributed objects and distributed systems, Visual Basic .NET, and ASP.NET. Join him for his full-day workshop on May 11.

ASPLive!

Developers Conference

Intensive server-side and Web development education for both VB and C# practitioners

Monday, May 9

Web Application Development with ASP.NET 2.0 and Visual Studio 2005

Brian Goldfarb, Microsoft
10:30 a.m.

Take a walk through Visual Web Developer 2005. Learn how the new release enables developers to reduce the number time and code required to write real-world Web applications, provides improved administration and management support, and improves performance. Learn about Data Controls, SQL Cache Invalidation, Master Pages, Themes/Skins, Personalization, Web Parts, Mobile Device Support, Membership/Role Management and Security Controls, Web Administration Tool, MMC Administration Tool, Site Pre-Compilation, and more.

Keeping Secrets in ASP.NET Applications

Paul Sheriff, PDSA, Inc.
10:30 a.m.

Cryptography is one of those areas most developers think of as a "dark art." You'll see how easy it is to use cryptography to secure data such as credit card numbers, passwords and connection strings. You will learn how to hash passwords using a Salt value to make it hard for hackers to crack. You will also learn how to use the Symmetric algorithms to encrypt and decrypt connection strings, and how to use the Data Protection API to simplify key management.

ASP.NET 2.0 Tips & Tricks

Rob Howard, Telligent Systems
11:45 a.m.

Learn important tips and tricks for ASP.NET 2.0, including building an RSS control, database cache invalidation, and more.

Visual Studio 2005 Team System: Enterprise Development and Testing Tools

Microsoft
11:45 a.m.

Visual Studio 2005 will provide Microsoft best practices and development tools that will enable development teams to write more reliable, high performance code. In addition, Visual Studio 2005 includes new tools for formulating test cases, running load tests, automating nightly builds, and viewing historical results and quality trends of software projects. You'll learn how these tightly integrated testing tools will enable development teams to deliver quality software, early and often.

Experience the Synergy: ASP.NET 2.0 and ADO.NET 2.0

Richard Hundhausen, Accentient
2 p.m.

Take part in an hour of ASP.NET 2.0 data access enlightenment! Get an introduction to the new and improved ways of building data-bound Web applications. You've heard all about ASP.NET 2.0's provider model, so you won't be surprised that ADO.NET 2.0 also defines an abstraction layer that makes all data sources look the same. We'll learn and leverage many features of ADO.NET 2.0, such as automatic notifications to invalidate your cache. Some wizards in this session, but mostly cold, hard code!

Virtualize Your Development & Test Environment with Virtual PC & Virtual Server

Brian Randell, MCW Technologies
2 p.m.

Developing and testing today's modern applications often requires setting up multiple machines and operation system environments. Learn how you can save time, money, and your sanity by leveraging virtualization technology using Microsoft Virtual PC 2004 SP1 and Virtual Server 2005. You'll come to understand how the products work, which product works best for which scenarios, and how to set up your virtual environments for development and testing.

Asynchronous Pages in ASP.NET 2.0

Fritz Onion, Pluralsight
3:15 p.m.

There is an alluring new attribute on the @Page directive in ASP.NET 2.0 called 'async.' Setting it to 'true' means that you want to service that page on a different thread—that's where the fun begins. Take a look at when and where you might consider introducing asynchronous pages in your applications, and then how to subscribe to necessary delegates to perform work asynchronous to the request thread. We'll cover various techniques for actually servicing requests in secondary threads, including the common scenario of making asynchronous Web service invocations from a page.

Implementing Next-Level Search Capability in ASP.NET

Doug Seven, DotNetJunkies.com
3:15 p.m.

Microsoft SharePoint Portal Server provides powerful features to crawl and catalog content in many areas including Web applications. We'll explore the steps you can take to make your Web site "crawler-friendly." In addition, you'll learn how to integrate SharePoint's search feature into your Web application to deliver pertinent, ranked results, similar to those of the large search engines.

A Look at the Provider Design Pattern

Rob Howard, Telligent Systems

4:30 p.m.

The concept behind the provider design pattern is to allow APIs to be published, but also allow the implementation of a given API to be abstracted out. We'll learn about the provider design pattern by reviewing the specification, examining uses in ASP.NET 1.1, and then writing providers for ASP.NET 2.0 Membership.

Integrating SQL Server Reporting Services With ASP.NET

Scott Allen, Ode to Code

4:30 p.m.

One of the strengths of SQL Server Reporting Services (SSRS) is the number of options available for integrating reports into an application. We'll focus on techniques for combining SSRS reports with an ASP.NET application. Techniques to be demonstrated include URL access with a report viewer component, invoking SSRS Web services, and taking advantage of SSRS delivery extensions. Also to be addressed: security, roles, and impersonation options available from ASP.NET environments.

Compilation in ASP.NET 2.0

Fritz Onion, Pluralsight

5:45 p.m.

The number of ways you can compile your code increases many times over with the release of ASP.NET 2.0. In addition to the pre-compiled bin-directory and the delay-compiled src attribute deployment options in ASP.NET 1.x, you can now deploy raw source files in a /code directory as well as resources in a /resources directory to have them auto-compiled at request time. The /code directory also supports auto proxy generation for things such as .wsdl or .xsd. Look in detail at these and other new compilation features in ASP.NET 2.0 with an eye toward how best to incorporate them into your deployment decisions.

Top 10 Tricks for a "Killer" Web Application

Paul Sheriff, PDSA, Inc.

5:45 p.m.

Creating a flexible Web application is more than just putting together a bunch of ASPX pages. Learn the top ten things that make an ASP.NET application sizzle. See demonstrated techniques, such as configuration management and how to create a base page class and a data-driven menu system. Learn how to benefit from User Controls and effective exception management. Understand how optimizing your architecture will increase your code reuse from one ASP.NET application to another, and how it will reduce your development time!

Tuesday, May 10

Insiders' View of Microsoft's Next-Generation Web Server, IIS 7.0

Microsoft

10:30 a.m.

IIS 7.0 will be the next-generation Microsoft Web server available in the Longhorn timeframe. Get a firsthand look at some of the advancements in IIS 7.0 from those who know it best. See how moving to IIS 6.0 now will put you in the best position to quickly take advantage of the innovations in IIS 7.0.

Lessons Learned From Community Server

Scott Watermasyk, Telligent Systems

10:30 a.m.

Community Server is perfect for setting up a support system for products, reporting, and general information management by organizations or individuals. Explore the many challenges that were overcome in the development of community server, design choices made to make the transition to ASP.NET 2.0 easy, and lessons learned enabling the application to run with partial trust. We'll also highlight some of the core pieces you can take away and add to your own applications.

Using the Time-Saving Membership Features in ASP.NET 2.0

Ken Getz, MCW Technologies

11:45 a.m.

From storing users and roles in a data store, to providing a rich set of controls that allow for a no-code solution to managing users and roles, we'll illustrate how ASP.NET 2.0 dramatically reduces the amount of work needed to manage these tasks. Learn how to easily configure membership and roles, create pages using the built-in controls, and write code to manipulate the membership API directly. You'll also learn how to create your own membership provider using the pluggable provider model, allowing you to store your data any place you like.

URL ReWriting: Best Practices and Practical Examples

Scott Watermasyk, Telligent Systems

11:45 a.m.

Since the release of ASP.NET 1.x, there have been numerous articles written and questions asked about how to conduct effective and flexible URL-Rewriting. Attendees will walk away with proven sample code used in both .Text and Community Server that can be easily applied to their own projects. We'll discuss various techniques for ASP.NET 1.x and 2.0 and their advantages and disadvantages.

Tuesday, May 10

ASP Live! sessions continued

Exploring the New Personalization Features in ASP.NET 2.0

Ken Getz, MCW Technologies
2 p.m.

The new personalization features and the Profile class make it easy for ASP.NET 2.0 developers to store data about their users—shopping cart, personal information, and more—enabling enhanced customization. You don't even need to write the data access layer yourself; the Profile class takes care of it for you. Learn the basics of setting up personalization and using the Profile class. Discover how to create your own personalization provider using the pluggable provider model, allowing you to store the data any place you like.

Using Enterprise Library with ASP.NET

Chris Kinsman, Vergent Software
2 p.m.

Enterprise Library is the newest collection of Application Blocks from the patterns & practices group. Learn what is available in the collection and how it can help you develop improved ASP.NET applications faster.

Master Pages & Themes in ASP.NET 2.0

Doug Seven, DotNetJunkies.com
3:15 p.m.

The 2.0 release of ASP.NET includes several new controls for data access and code reuse. We'll examine Master Pages in detail, examining how they can be used to create pages with a generic header, footer, and left and right page gutters. We'll contrast the Master Pages infrastructure with popular site template strategies used in ASP.NET 1.x and examine the class structure employed for Master Pages. Lastly, we'll take a look at the 'Themes and Skins' functionality that ships with ASP.NET 2.0.

Effective State Management

Scott Watermasyk, Telligent Systems
3:15 p.m.

The concept behind the provider design pattern is to allow APIs to be published, but also allow the implementation of a given API to be abstracted out. You'll learn about the provider Design Pattern by reviewing the specification, examining uses in ASP.NET 1.1, and then writing providers for ASP.NET 2.0 Membership.

Working with Data using the Enhanced GridView and DetailsView Controls in ASP.NET 2.0

Ken Getz, MCW Technologies
4:30 p.m.

The GridView control in ASP.NET 2.0 isn't your father's grid. It's similar enough to the ASP.NET 1.x DataGrid that you can get started right away, but its capabilities have been enhanced - it's far simpler to use, requires less code, and provides far more power than the DataGrid Control. We'll demonstrate how to display and edit data using the GridView control, how to work with the GridView and DetailsView together, and how to take advantage of several of the GridView controls events to achieve the behavior you need.

Site Navigation Features in ASP.NET 2.0

Scott Allen, Ode to Code
4:30 p.m.

Web developers have found many creative solutions over the years to create consistent navigation controls without duplicating code. These solutions have included framesets, include files and .NET user controls. With ASP.NET 2.0, Microsoft will provide controls and classes dedicated to building the navigational pieces of a Web application. We'll talk about the ASP.NET 2.0 SiteMap and related controls. The SiteMap is a logical abstraction of an application's navigable areas. Using the SiteMap, you can layer new controls like the TreeView and SiteMapPath to provide hyperlinks and bread crumb trails for navigation. You can also implement a custom SiteMapProvider to pull SiteMap information from any data source.

Discounts

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Corporate

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Pre-Conference Workshops, Sunday, May 8

Indigo Immersion	Introduction to ASP.NET 2.0
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Conference Day 1, Monday, May 9

9 a.m.	Keynote: Building a Customer-Focused Visual Studio			
	Smart Client Live! • Track 1	Smart Client Live! • Track 2	ASP Live! • Track 1	ASP Live! • Track 2
10:30 a.m.	New Smart Client Features and ClickOnce Deployment in Visual Studio 2005	Maximize the Performance of Your .NET Applications	Web Application Development with ASP.NET 2.0 and Visual Studio 2005	Keeping Secrets in ASP.NET Applications
11:45 a.m.	Smart Data Access for Smart Clients, Using ADO.NET 2.0 Steven Borg	The "My" Namespace in VB.NET 2005	ASP.NET 2.0 Tips & Tricks	Visual Studio 2005 Team System: Enterprise Development and Testing Tools
2 p.m.	Smart Client: Real-World Lessons Learned	Programming .NET 2.0 Transactions	Experience the Synergy: ASP.NET 2.0 and ADO.NET 2.0	Virtualize Your Development & Test Environment with Virtual PC & Virtual Server
3:15 p.m.	Data Access Strategies and Tactics	Generics, Operator Overloading, and More	Asynchronous Pages in ASP.NET 2.0	Implementing Next-Level Search Capability in ASP.NET
4:30 p.m.	Deploying and Maintaining Smart Client Applications Using ClickOnce	Advanced Threading: Asynchronous Tasks and the Thread Pool	A Look at the Provider Design Pattern	Integrating SQL Server Reporting Services With ASP.NET
5:45 p.m.	Runtime Code Compilation	RAD Data, Common & Advanced Features	Compilation in ASP.NET 2.0	Top 10 Tricks for a "Killer" Web Application

Conference Day 2, Tuesday, May 10

9 a.m.	Keynote: Introducing Indigo—The Unified Programming Model for Building Service-Oriented Applications			
	Smart Client Live! • Track 1	Smart Client Live! • Track 2	ASP Live! • Track 1	ASP Live! • Track 2
10:30 a.m.	Programming Indigo	VB Application Framework	Insiders' view of Microsoft's next generation Web Server, IIS 7.0	Lessons Learned From Community Server
11:45 a.m.	Comparing and Contrasting IBF and VSTO2	Implementing Custom .NET Security in Windows Forms	Using the Time-Saving Membership Features in ASP.NET 2.0	URL ReWriting: Best Practices and Practical Examples
2 p.m.	Inside Framework 2.0	MS Build for the Present and Future	Exploring the New Personalization Features in ASP.NET 2.0	Using Enterprise Library with ASP.NET
3:15 p.m.	Smart Client Architecture	.NET 2.0 Resource Model	Master Pages & Themes in ASP.NET 2.0	Effective State Management
4:30 p.m.	Implementing Design Patterns in .NET	Enterprise Library	Working with Data using the Enhanced GridView and DetailsView Controls in ASP.NET 2.0	Site Navigation Features In ASP.NET 2.0

Post-Conference Workshops, Wednesday, May 11

Team-Based Development Using Team System	Build Distributed Object-Oriented Apps with .NET
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