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VSLive!

ORLANDO

Walt Disney World Dolphin Hotel

October 9-13, 2005

Keynotes



Bill Baker,
General Manager
of SQL Server Business Intelligence
Microsoft

"Next-Generation Database
Application Development"



Prashant Sridharan,
Senior Product Manager for Visual Studio
Microsoft

"Visual Studio 2005: More
Power with Less Code Now"



Richard Turner,
Web Services Strategy
Microsoft

"Introducing The Windows
Communication Foundation (Indigo)"



Larry Jordan,
Development Manager
Microsoft.com Application Team

"ASP.NET 2.0 and SQL Server '05 on
64 bits: An MSDN Case Study"



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In-Depth VS '05, SQL Server '05 and More

New Releases to Launch This November,
See Them Up Close at VSLive!

- Hands-On Whidbey: C# 2.0 Generics, Iterators, and Framework 2.0
- Advanced Windows Forms
- Monitoring SQL Server '05
- Data Binding in ASP.NET 2.0
- Test-Driven Development
- VS '05: Application Frameworks and Advanced Language Features; and more

With Four
Full Tracks of
SQL Live!
Developers Conference

And
**Indigo
Day!**

Microsoft

Microsoft
SQL Server 2005



indigo

Photos courtesy of Orlando/Orange County Convention & Visitors Bureau, Inc.



Dear Professional Developer,

After three years between versions for Visual Studio and five years for SQL Server, the two, most sophisticated, complex versions of these products are about to ship.

VSLive! Orlando is the **fastest way for you to get up to speed** on both VS 2005 and SQL Server 2005 and get ready to use them for building production-quality systems now.

From programming fundamentals such as debugging to leading-edge technology such as generics, and from using XML in SQL Server to Web-based design with ASP, VSLive! packs more pragmatic information aimed at professional developers and development managers into one week than any other Windows development event.

This fall's SQL Live! presents unique new content. We've worked for months with Microsoft to plan this event to coincide with the launch, based on technical sessions prepared by the program managers who have been building this release for years. It's rare not only to hear this many program managers speaking at one place, but to be able to button-hole them for one-on-one discussions.

While VSLive! is focused on using the production releases of VS and SQL Server now, we've also arranged to give you a glimpse of the near-future—with technical detail on Microsoft Vista's new Windows Communications Foundation.

Plus, VSLive! Orlando has moved back onto the Disney property. Check out the brochure for special entertainment offers for you and your family.

Sincerely,
Jim Fawcette
President, FTP, Inc.

P.S. You can pick any individual conference—SmartClient Live!, ASPLive1, or SQL Live!—or for your best value sign up for the Gold Passport by our Early Bird Discount deadline of August 31 to get unfettered access to every session and full-day workshop—plus use of the special Passport Lounge and other exclusive benefits. **Call 800-848-5523 or 650-378-7100 or register online at www.vslive.com/or now.**

Save with the Gold Passport



The Gold Passport is your best value in Orlando. You'll get unlimited access to everything VSLive! has to offer, including all sessions and pre- and post-conference workshops. Plus, you'll get special perks that are only available to Passport Holders. Register by August 31 and save almost \$1,000 in combined Early Bird and Passport discounts!

Why our attendees come back
year after year

***"Very well-organized,
informative, lots of fun."***

***"I really enjoy meeting all
the people from the MVP
community. VSLive! is better
than attending the Oscars."***



Keynote Presentations

Monday, October 10, 9 a.m.

Visual Studio 2005: More Power with Less Code Now

Prashant Sridharan, Senior Product Manager for Visual Studio, Microsoft



Explore all the new VS '05 features, 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. Learn how to improve your projects and save time with this watershed release.

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#.

Tuesday, October 11, 9 a.m.

Next-Generation Database Application Development

Bill Baker, GM of SQL Server Business Intelligence, Microsoft



Learn how SQL Server 2005 will change the way you build and deploy reliable, high-performance data-driven applications. This keynote will provide an overview of key technologies and innovations for application development such as the deep integration with Visual Studio 2005 and the .NET framework; native support for standards such as Web Service and XML; powerful sub-systems for guaranteed message delivery and caching; and rich support for data integration and reporting.

Bill Baker heads the Business Intelligence Unit within the SQL Server product development group. His team designs and develops SQL Server Integration Services, SQL Server Analysis Services, SQL Server Reporting Services and the SQL Server Administration tools. He joined Microsoft in 1996. Bill has managed the Internet Application Server Group with responsibility for the Internet Information Server, Active Server Pages, ODBC and OLE DB and the Component Object Model (COM) including the Microsoft Transaction Server.

Wednesday, October 12, 9 a.m.

Introducing the Windows Communication Foundation (Indigo)

Richard Turner, Web Services Strategy, Microsoft



The Windows Communication Foundation (WCF), formerly known as "Indigo," is Microsoft's unified framework for building service-oriented applications. It enables developers to build secure, reliable, transacted solutions that integrate across platforms and interoperate with existing investments. WCF 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. This keynote will provide an overview of WCF and show you how WCF will radically simplify the development of distributed applications.

Richard Turner is program manager in Microsoft's Distributed Technologies Group—the team responsible for COM+ & .NET EnterpriseServices, MSMQ & .NET System.Messaging, .NET Web Services (ASMX), .NET Remoting, and Windows Communication Foundation. Richard spends a great deal of his time talking to customers about Microsoft's distributed systems technologies and providing guidance and assistance in how to best use these technologies in order to smooth the path to WCF in the future.

Wednesday, October 12, 2 p.m.

ASP.NET 2.0 and SQL Server '05 on 64 bits: An MSDN Case Study

Larry Jordan, Development Manager, Microsoft.com Application Team



MSDN is the critical resource for developers working with Microsoft tools and products. We'll demonstrate the new MSDN Web site which been newly architected to offer superior scale and productivity for developers. The MSDN team bet huge on 64 bit Windows Server 2003, SQL Server 2005 and ASP.NET 2.0 and the launch will be coordinated with the release of Visual Studio 2005 family of products. The new site and library will be 100 percent data driven based on SQL Server 2005 and we will be demonstrating our latest Web Services interfaces and diving deep into other details of the system.

Larry Jordan is the Development Manager for the MSDN and TechNet Web sites and core Microsoft.com infrastructure. His team is responsible for site-wide applications consisting of rendering, personalization and large volume technical publishing for Microsoft's Developer and IT Professional audiences. He considers himself a customer of Microsoft products and is dedicated to improving Microsoft enterprise applications in one the world's most demanding IT environments.



Your Conference at a Glance

Whether you've been working with .NET for years, or are still migrating your VB6 apps to the .NET framework, VSLive! Orlando will delve deeply into the subjects that matter the most—including architecture, data access, UI, and security—while highlighting the new VS '05 and SQL Server 05 releases. With all-new or updated content, and insightful keynotes, VSLive! Orlando will deliver real-world, practical education designed to take your skills to the next level.

Pre-Conference Workshops • October 9

9 a.m.- 6 p.m.	Build Distributed Object-Oriented Apps with .NET 2.0	.NET To The Core™: Designing and Implementing High Performance ASP.NET Solutions	Introduction to ASP.NET 2.0
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October 10

Microsoft .NET Focus Day

9 a.m.	Keynote: Visual Studio 2005: More Power with Less Code Now
10:30 a.m.	VS 2005 Tools for the Microsoft Office System
11:45 a.m.	Building Mission-Critical Software
2 p.m.	Building Data-Driven Web sites Using VS '05
3:15 p.m.	.NET Framework: What's New in the Framework for Version 2.0
4:30 p.m.	VS 2005: Application Frameworks and Advanced Language Features

Conference Chairs

SQL Live!



Andrew Brust

Andrew Brust is Chief, New Technology at Citigate Hudson, a Microsoft Gold Certified Partner in

New York City. Andrew is Microsoft's Regional Director for New York and New Jersey, a member of the INETA Speaker's Bureau, a contributing editor to *Visual Studio Magazine* and a highly rated speaker at conferences throughout the U.S. and internationally.

ASP Live!



Chris Kinsman

Chris Kinsman is one of the founders of Guided Design and is formerly the VP of Technology for a family of Web

sites that provide information for developers. Chris teaches courses on ASP.NET in both VB .NET and C# and has extensive experience with ASP, Web Farms, Clustering, Data Access, and Scalability.

SmartClient Live!



Keith Pleas

Keith Pleas is one of the founders of Guided Design and has worked for more than two years on the team develop-

ing the .NET Framework and Visual Studio .NET. Keith is an internationally known writer and speaker. He is also a contributing editor to *Visual Studio Magazine* and has developed Microsoft Professional Certification Exams. Keith also sits on the INETA board and is the liaison for the INETA Speakers Bureau.

Black-Belt



Richard Hale Shaw

Richard Hale Shaw is the founder of the Richard Hale Shaw Group, which has consulted and trained

software developers since 1993. An articulate writer and speaker on topics dear to the hearts of software developers and an outspoken critic of broken devtools, Richard specializes in consulting and training on .NET programming in C# and COM/+ programming in C++.

Virtual Track Key

VSLive! Virtual Tracks allow you to explore development topics that don't always neatly fit into our individual platform-based conferences. As a Gold Passport holder, you can select a virtual track to round out your VSLive! experience.



Black-Belt

Master advanced programming topics in C#, ASP.NET 2.0 and more



Data Access

Data binding, smart data clients and other non-platform specific topics



General Programming

De-bugging, design patterns, and other topics that don't neatly fit into our platform-specific conferences



Agenda

October 11

9 a.m.	Keynote: Next-Generation Database Application Development					
	SmartClient Live!		ASP Live!		SQL Live!	
10:30 a.m.	.NET Windows Forms Tips and Tricks	Framework 2.0/C# 2.0: A Potpourri of New Features for Advanced Developers	Ajax Style Development with ASP.NET 2.0	Provider Model Framework (PAF) and ASP.NET 2.0	Hitchhiker's Guide to Visual Studio and SQL Server 2005	OLAP Application Development with ADO MD.NET
11:45 a.m.	Efficient Data Access with ADO.NET and SQL	Advanced Techniques of Using ClickOnce	Essential Web Testing with Visual Studio Team Systems	Using Web Parts in ASP.NET 2.0	What's New in ADO.NET 2.0	Using the Microsoft Report Controls in VS 2005
2 p.m.	Keeping Secrets in .NET Applications	Client/Server Communication Options	Editing Master and Detail Records in ASP.NET 2.0	Enterprise Library	Integrated Innovation: Data Access in SQL Server 2005	Advanced Report Authoring and Design in SQL Server 2005 Reporting Services
3:15 p.m.	Test-Driven Development	Writing .NET Code in SQL Server 2005	Configuration Management in ASP.NET 2.0	Hosting ASP.NET	Application Development Using XML in SQL Server 2005	SQL Server 2005 Upgrade Advisor
4:30 p.m.	Cooking up a Great Smart Client UI	Smart Data Clients 2.0—What's New in Data-Controls and Data Binding?	Build More Reliable and Better Performing ASP.NET Applications Using VSTS	Great New "Concealed" Features of ASP.NET 2.0	Understanding MARS: Multiple Active Result Sets in SQL Server 2005	Query Notifications: What They Are, How They Work
6 p.m.	Exhibitor Reception					
8 p.m.	Midnight Madness					

October 12

9 a.m.	Keynote: Introducing the Windows Communication Foundation (Indigo)					
	Indigo	SmartClient Live!	ASP Live!		SQL Live!	
10:30 a.m.	Programming the Windows Communication Foundation	Building Composite Smart Clients	Dynamic Charting – Add Pizzazz to Your Web Pages with GDI+	Asynchronous Pages and Tasks in ASP.NET 2.0	TSQL Enhancements	End-User Ad Hoc Reporting with Report Builder
11:45 a.m.	Building Secure Services with the Windows Communication Foundation	Occasionally Connected Smart Clients	Diagnostics and Health Monitoring in ASP.NET 2.0	Security Changes in .NET 2.0	Managing and Writing High-Performance SQL Server Stored Procedures	Data Analysis using T-SQL Ranking and Windowing Functions
2 p.m.	Keynote: ASP.NET 2.0 and SQL Server '05 on 64 Bits: An MSDN Case Study					
3:15 p.m.	Debugging With Visual Studio 2005	Applied Generics	Data Binding in ASP.NET 2.0	Declarative Data Sources: The Real Story	SQL Server 2005 Express Edition	Monitoring SQL Server 2005
4:30 p.m.	The Need for Speed	Writing Less Code with Code Generation	Introduction to ASP.NET 2.0 Security	Design Patterns In-Depth: Composites in C#	SQL Server Mobile Edition	SQL Server Execution Environment

Post-Conference Workshops • October 13

9 a.m.-6 p.m.	Advanced Windows Forms	Visual Studio Team System	Hands-on Whidbey: C# 2.0 Generics, Iterators, and Framework 2.0 Features	ADO.NET 2.0 Coding and Best Practices
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Attend A Full-day Pre- or Post-Conference Workshop

October 9 • 9 a.m. - 6 p.m.

Build Object-Oriented Apps with .NET 2.0



Rocky Lhotka, Magen Technologies

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.

.NET to the Core: Designing and Implementing High-Performance ASP.NET Solutions



Russ Nemhauser, Nemhauser Media

Cut to the core of proper design techniques, caching, and stress testing to create reliable, scalable, high-performance Web sites. We'll start by investigating application design considerations and alternatives, such as XML Web Services vs. DataSets, or two-tier vs. n-tier architecture.

Additionally, with the aid of Microsoft Web Application Center Test, Microsoft Web Application Stress Tool, and the new testing functionality offered in Visual Studio Team System, you'll be able to measure the improvement in performance and calculate the potential savings in hardware. If you develop Web applications, you need to be here.

Introduction to ASP.NET 2.0



Fritz Onion, Pluralsight

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.

October 13 • 9 a.m. - 6 p.m.

Advanced Windows Forms



Billy Hollis, DotNetMasters

Ready to move beyond the basics of forms-based applications? Learn advanced techniques with real-world examples in this Black Belt session on Windows Forms. You'll discover capabilities you never knew existed, learn to use advanced OO capabilities in Windows Forms, find

out how to build large, complex Windows Forms applications, and get an advanced look at the changes in Windows Forms 2.0 for Visual Studio 2005. The workshop will include several production-ready components and examples for you to use in your own projects.

Visual Studio Team System



Brian Randell, MCW Technologies

Learn about Microsoft Visual Studio 2005 Team System's enterprise-level source code control features, tracking features requests, design issues, and more. Also discover about new testing features and new project tracking features.

Hands-On Whidbey: C# 2.0 Generics, Iterators, and Framework 2.0 Features



Richard Hale Shaw, Richard Hale Shaw Group

C# 2.0 is coming out in November: are you ready for it? Come to this tutorial and we'll spend a day digging into the how-to's and internals of Generics, Iterators, Nullable Types and other new features of .NET Framework 2.0, all while using VS '05 to build live code examples (which

you'll get a copy of afterwards). We'll start with generics: a way to build parameterized types and methods like C++ templates; you'll learn how generics work, how you can use them, the kind of IL and Meta-Data they generate, how the type class has been extended to detect and consume them at runtime, and more. By the time we're through, you'll be ready to start adding C# 2.0 features to existing applications compiled with the current beta, to be ready when Framework 2.0 comes out later this year.

Pre-requisites: you must already have 1 year of C# development experience (no hand-holding if you don't); while not required, you may find it useful to bring a laptop with VS 2005 Beta 2 or later pre-installed.

ADO.NET 2.0 Coding and Best Practices for SQL Server 2005



Bill Vaughn, Beta V Corp.

Visual Studio and SQL Server 2005 along with the 2.0 version of the .NET Framework has introduced a number of new solutions and features for .NET data access developers. This workshop addresses what's new and what's changed along with what's been removed from the Visual Studio IDE (and

how to put it back). It shows how to best use all of the new features to solve everyday application problems and some not-so-ordinary. Included are discussions of connection and connection pool management, asynchronous operations (with and without ADO.NET 2.0's help), data binding, Windows Forms, ASP.NET and XML Web Services data access guidelines, importing and exporting data as well as a wealth of tips that will help your and your application's productivity and performance.



Microsoft .NET Focus Day

October 10

**Get an insider's look at the advancements VS 2005 promises
and how you can benefit today at this dynamic,
one-day event, open to all attendees**

Microsoft Visual Studio 2005 Tools for the Microsoft Office System: Advanced Visual Studio 2005 Tools for Office Programming and Deployment

BJ Holtgrewe, Microsoft

Monday, October 10, 10:30 a.m.

Visual Studio 2005 Tools for the Microsoft Office System provides a wealth of new capabilities that make developing Microsoft Office applications on .NET much more productive than in the past. A key feature in Visual Studio Tools for Office is the ability to program against the data in documents on the server, which enables developers to create Office content on the server in a scalable, robust manner. Learn how to create a server-based document solution and about the security and deployment options in Visual Studio Tools for Office.

Building Mission Critical Software

Eric Lee, Microsoft

Monday, October 10, 11:45 a.m.

Over the past decade, we have been witness to several spectacular software failures. In 1998, a division by zero error brought a Navy warship to a standstill. In 1999, the Mars Climate Orbiter was lost because the decision to use the Metric system versus the Imperial system was not communicated to the team. These two examples illustrate the wide spectrum of ways an organization's attempt to build robust and reliable software can be undermined. A miscalculation by a single developer can bring an entire ship to a stand still. The lifework of an accomplished team can be ruined because a simple decision was not communicated. Visual Studio 2005 Team System was designed from the ground up to provide a collaborative environment to help teams communicate and work productively. We'll illustrate how each discipline, everyone from Project Managers, to Architects, to Developers and Testers, benefits from technology designed to make them more productive, as well as technology that helps them work together.



Building Data-Driven Web Sites Using Visual Studio 2005

Michael Bundschuh, Microsoft

Monday, October 10, 2 p.m.

This session discusses the fundamentals of Web data access using Visual Studio 2005. Topics covered include ASP 2.0, effective use of the new data source and data-bound controls, binding to a SQL database; performing sorting, paging, update, insert, and delete operations; building data access and business object layers; and improved performance through caching.

.NET Framework: What's New in the Framework for Version 2.0

Eric Lee, Microsoft

Monday, October 10, 3:15 p.m.

Learn how the .NET Framework 2.0 serves as the starting point for many of the great features you'll need to make your development experience faster, easier, and more productive. Learn about key .NET Framework 2.0 features exposed by the CLR, including the ability to host the CLR, new capabilities for network communications, ClickOnce, Edit-And-Continue (EnC), and 64Bit support. Whet your appetite for some of the many and varied new Base Class features, including strongly-typed resources support, and SerialPorts.

Microsoft Visual Basic 2005: Application Frameworks and Advanced Language Features

Jay Schmelzer, Microsoft

Monday, October 10, 4:30 p.m.

Microsoft Visual Basic 2005 includes a new, highly customizable application framework that makes it easier than ever to develop powerful Windows smart client applications. Learn how to leverage the My namespace to enable application logging, custom user authentication, roaming settings, and programmatically access deployment features. Learn how to customize templates and snippets for reuse within your own solutions. This session also covers some of the advanced language features coming in Visual Basic 2005, including the ins and outs of generics, operator overloading, XML Doc comments, partial types, new asynchronous calling capabilities, custom events, and other advanced features of the VB 2005 language.



Ajax Style Development with ASP.NET 2.0

Lele Vishwas, Applied Information Sciences
10:30 a.m.

AJAX (Asynchronous Javascript and XML)-style Web applications are growing in popularity because of the demand for richer user experience in browsers. A number of high profile sites including Google maps and Gmail, as well as sites like A9 and Flickr are based on the AJAX-style. We'll look at how ASP.NET 2.0 makes it easier to develop AJAX-style Web applications using asynchronous callbacks. Learn how asynchronous callbacks are integrated into the ASP.NET HTTP Pipeline. We'll also include code demos to illustrate how async callbacks can be integrated into a custom ASP.NET control.

Provider Model Framework (PAF) and ASP.NET 2.0

Maxim Karpov, Faith Interactive
10:30 a.m.

In order to achieve Role-Based authorization on Class or Method level, one must use the PrincipalPermission attribute of Code Access Security. There are two limitations of using this approach: a) it is limited to Windows Groups (WindowsIdentity) and b) configuration of the ACL is stored inside of assembly metadata; therefore, recompilation is required when the User Group is changed in the attribute. This presentation takes understanding of Code Access Security to the next level and provides real-life implication for its use.

Essential Web Testing with Visual Studio Team System

Mark Michaelis, Itron
11:45 a.m.

Get an in-depth look at Microsoft's Visual Studio Team System (VSTS) Web Testing. We'll begin with creating a Web test case by recording Web activity using the Recorder explorer bar. To verify Web site functionality we add validation and extraction rules to the recording. Next we'll turn to the task of extending VSTS Web testing by providing custom Web test plug-ins and rules. We'll end with a look at data driven testing using VSTS unit tests.

Using Web Parts in ASP.NET 2.0

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

You can make your own Web parts and run them within your ASP.NET 2.0 application to have functionality similar to SharePoint. In this session you will learn all about the new controls that are available in ASP.NET 2.0 to make this happen.

Editing Master and Detail Records in ASP.NET 2.0

John Papa, ASPSoft
2 p.m.

The ASP.NET 2.0 GridView and DetailsView controls add tremendous value to developers who need to create editable Web forms with master detail data. These controls reduce the amount of code required to page, sort, and handle many events that formerly required custom event handlers. This session will demonstrate how to migrate code to these controls from the ASP.NET 1.x DataGrid in a multi-tier application.

Using Enterprise Library with ASP.NET

Chris Kinsman, Vergent Software
2 p.m.

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

Configuration Management in ASP.NET 2.0

Dave Bost, Solution Partners
3:15 p.m.

With the advent of ASP.NET 2.0, Microsoft has greatly enhanced the options and abilities for configuring our Web Form applications. From the new Web Administration tool to the ability for encrypting your configuration data, you can say Web Form configuration has finally grown up. We'll dive into the configuration features while we showcase some of the new configuration tools and wizards as well as discuss some of the more advanced areas including Protected Configuration, the Configuration API, and extending the configuration model to suit your needs.

Hosting ASP.NET

Ted Neward, TheServerSide.NET
3:15 p.m.

Part of the excitement of the .NET release is a new version of ASP, called ASP.NET or the HttpRuntime. What few developers realize is that ASP.NET is entirely divorced from IIS, and is written entirely in managed code (C#). What this means is that you can use ASP.NET Web Services functionality (like .asmx and .ashx files), without having IIS installed on the box.

Build More Reliable and Better Performing ASP.NET Applications Using Visual Studio 2005 Team System

Chris Menegay, Notion Solutions, Inc.
4:30 p.m.

Visual Studio 2005 Team Edition for Software Developers delivers new tools for writing better, more reliable code. Discover the new tools for code profiling, static code analysis, unit testing, and code coverage. Use unit testing to better test your ASP.NET applications in an automated fashion.



Great New “Concealed” Features of ASP.NET 2.0

Robert Boedigheimer, *The Schwan Food Co.*
4:30 p.m.

B

With major new features such as master pages, membership, personalization, and Web parts added to ASP.NET 2.0, it is easy to overlook many of the other great features that will enhance developer productivity and performance. Learn how to use client callbacks, post cache substitutions, validation groups, code beside, the wizard control, and many other new features of ASP.NET 2.0!

October 12

Dynamic Charting—Add Pizzazz to Your Web Pages with GDI+

Walt Ritscher, *Scandiasoft*
10:30 a.m.

Reports are a vital part of any business application and an integral part of reporting is generating charts and graphs. This session will reveal the essential pieces of the .NET graphics libraries that allow us to dynamically create charts from your data. We will work up samples of the most popular types of charts (Pie, scatter, bar, area line and stock). Discover how to pull your data from multiple sources and bind to your custom chart. We will see how to implement charts as part of a simple aspx page, embed them in user controls and even generate them from a Web service. Also learn the formatting tricks to turn your charts into 3-D masterpieces.

Asynchronous Pages and Tasks in ASP.NET 2.0

Fritz Onion, *Pluralsight*
10:30 a.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—and that’s where the fun begins... This talk looks 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 will cover various techniques for actually servicing requests in secondary threads, including the common scenario of making asynchronous Web service invocations from a page. This talk also covers the new asynchronous tasks introduced in 2.0, along with some compelling examples of combining these features with the new asynchronous features of ADO.NET 2.0.

Diagnostics and Health Monitoring in ASP.NET 2.0

Fritz Onion, *Pluralsight*
11:45 a.m.

ASP.NET 2.0 has more extensive support for diagnostics and health monitoring than any Web development environment to date. This session looks at the many new features in this area including trace logging, runtime instrumentation, building custom performance counters, and how to effectively use the new Web events model for health monitoring your applications.

Security Changes in .NET 2.0

Robert Hurbur, *Hurbur Consulting*
11:45 a.m.

Security is difficult to get right, and it is a good strategy to leverage code provided by the upcoming changes in .NET 2.0. The new security components in .NET 2.0 can help you greatly reduce the amount of code you need to write in order to make your applications secure. .NET 2.0 provides numerous additional types that encapsulate functionality already provided in the base Windows OS., as well as a new functionality only available in .NET 2.0. We will cover the new improvements including public key cryptography, Windows security, remoting, ASP.NET and Code Access Security.

Data Binding in ASP.NET 2.0

Andrew Brust, *Citigate Hudson*
3:15 p.m.

D

Sitting down? Good, because the data binding model in ASP.NET 2.0 has completely changed from the 1.X model. No longer are typed DataSets sitting in the component tray (along with DataAdapters), your design time data source of choice. Now, a host of DataSource controls is being introduced, including a control that binds to objects. It’s out with the DataGrid and in with the GridView, DetailsView, and FormView. Get the low-down on the new ASP.NET data binding paradigm, including how to handle data access in code with the new and improved ADO.NET 2.0.

Declarative Data Sources: The Real Story

Fritz Onion, *Pluralsight*
3:15 p.m.

B

Nearly every demo of ASP.NET shows the compelling example of placing a grid on a form and binding it declaratively to a data source. It doesn’t just display the data, however, it also supports editing, deleting, inserting, sorting, and paging, all without writing a line of code. This talk uncovers the inner workings of declarative data sources so developers will know exactly what is going on when they use them. We will also look at optimizing view state when using declarative data sources, and how to effectively use the object data source to bind to data access layers.



Introduction to ASP.NET 2.0 Security

Paul Sheriff, PDSA, Inc.

4:30 p.m.

Learn how to use the new ASP.NET 2.0 security features. This seminar will show you step-by-step how to use the new security controls and classes within ASP.NET 2.0. Learn how to create users, setup roles, add a login page, view who is logged in, and how to keep track of who is logged into your application.

Design Patterns In-Depth: Composites in C#

Mark Miller, Developer Express

4:30 p.m.

G

The composite design pattern is a real beauty, packing power and elegance into just a few lines of code. In this session we'll cover advanced topics like grouping, moving nodes, external iteration, cloning, serialization, and multi-dimensional composites. Learn how to set properties and call methods en masse, implement sophisticated queries with a few well-placed lines of code, and otherwise exploit this pattern as you see fit.

SmartClient™

Live!™ October 11

.NET Windows Forms Tips and Tricks

Ken Getz, MCW Technologies

10:30 a.m.

We'll demonstrate several different techniques you can use when building Windows applications, including: creating owner-drawn controls, binding controls to just about anything, exposing protected information with inheritance, using Windows XP theming, modifying the DataGrid control, handling thread synchronization with Windows forms, and creating your own property grid. We'll cover a lot of material, but the included samples (in both C# and VB.NET) will allow you to review the material once you've returned home.

Framework 2.0/C# 2.0: A Potpourri of New Features for Advanced Developers

Richard Hale Shaw, Richard Hale Shaw Group

10:30 a.m.

B

.NET 2.0 is chock full of new features that Advanced Developers can take advantage of and run with: Debugging Visualizers for controlling how data is viewed and rendered in a Debugger, attributes to better control Serialization, custom iterators (in C# 2.0) and anonymous methods for creating custom collections with multiple forms of iteration, and new Trace Listeners—just to name a few. We'll examine a wide-reaching number of these new features, how they work, and how you can start leveraging them right away. We'll also look at the new disjunctive security demands, the Friend Assembly mechanism, and other new services that you may have thought were specific to a given managed language—but are in fact available to everyone.

Efficient Data Access with ADO.NET and SQL

John Papa, ASPSoft

11:45 a.m.

D

Using an efficient data access strategy is essential in designing scalable and efficient enterprise solutions. We'll review several data access techniques that can improve performance and/or ease maintenance in applications. We'll discuss efficient ways to implement ADO.NET database connections, automatic closure of connections and using connection pooling. We'll also review some performance and efficiency tips when executing stored procedures, using parameterized queries, and preventing SQL injection attacks.

Advanced Techniques of Using ClickOnce

Cathi Gero, Prenia Corp.

11:45 a.m.

B

Learn how to take advantage of the advanced features of ClickOnce in version 2.0 of the .NET Framework. We'll explore how to create applications that use on-demand downloads of assemblies for efficient use of resources. We'll take an in-depth look of the ClickOnce classes to add robust features to your applications for a richer user experience found in many of today's programs. Learn advanced security techniques for ClickOnce by using trust licenses to allow administrators to bypass user interactions to update applications. We'll also look at how to use the new ClickOnce data folder to store and retrieve information pertaining to the user.

Keeping Secrets in .NET Applications

Paul Sheriff, ASPSoft

2 p.m.

G

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

Client/Server Communication Options

Rocky Lhotka, Magenit Technologies

2 p.m.

Many of us need to choose a client/server communication technology for our current development. How do you choose between Web services, WSE, Enterprise Services, Remoting, DCOM, and MSMQ? What does Indigo mean to you, and how can you plan ahead to smooth the transition? You'll learn the strengths and weaknesses of each option in terms of their use today, and their migration to Indigo in the future. If you are developing n-tier client/server systems this session is a must!

B

Black-Belt Virtual Track

D

Data Access Virtual Track

G

General Programming Virtual Track

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Test-Driven Development

Keith Pleas, Guided Design

3:15 p.m.

Learn how to implement test-driven development and a continuous build process. You'll learn how to integrate test code, effectively re-factor applications, and how to build quality and robustness into your applications by making them verifiable and reliable.

G

Writing .NET Code in SQL Server 2005

Peter DeBetta, WinTellekt

3:15 p.m.

SQL Server 2005 now has the ability to use .NET languages when developing procedures, functions and other objects within the database. In this session, we'll explore this new world of database development using .NET languages.

D

Cooking up a Great Smart Client UI

Mark Miller, DeveloperExpress

4:30 p.m.

This session is all about the science behind a great user experience. We'll leave the subjective in the dust as we set out to explore the how and why of a great UI. We'll cover user models, entry points, orienting, timing, and discoverability, and learn how to control color, contrast, opacity and motion to reduce visual noise, lower barriers to entry, enhance clarity, and otherwise make your smart client applications a pleasure to use.

Smart Data Clients 2.0—What's New in DataControls and Data Binding?

Walt Ritscher, Scandiasoft

4:30 p.m.

Working with data is a necessity for every business applications. ADO.NET 2.0 is chock full of improvements and the Windows Form team has been steadily improving the data-binding pieces. We'll start this data tour by looking at the new drag and drop data-binding features of Visual Studio. We see how easy it is to bind to databases, business objects, and Web Services. Next we'll look at the enhanced data controls (DataContainer, GridView, DataConnector, DataNavigator). Each of these controls is completely new and loaded with lots of new enhancements. We'll walk you through a detailed exploration of these new data controls including: UI look and behavior, data-binding support, improved validation and formatting features, and better Null binding. Last on the agenda is a tour of the SQLClient changes —asynchronous data and data paging.

D

October 12

Building Composite Smart Clients

Ron Jacobs, Microsoft

10:30 a.m.

Large-scale smart client applications cannot be built as one giant executable. Composite smart clients offer a solution. Many independent modules can be seamlessly integrated into a complete user experience by using an application shell or portal that serves as the single entry point of the application and dynamically loads modules on demand. We'll discuss the general architecture of these composite applications, and present a simple example that is designed to centralize application functionality such as security and user cosmetics.

Occasionally Connected Smart Clients

Steve Lasker, Microsoft

11:45 a.m.

Many developers assume wireless will be everywhere enabling applications to communicate to centrally located servers regardless of where the user is. Any developer that has actually tried deploying connected applications knows that this is really just a dream of an alternate universe that simply frustrates users with reality. Users want their applications to just work and their data to be available even if the network isn't. Custom applications require data and application updates to be constantly verified. Users shouldn't have to press a button or manually switch from local to remote modes. In this session we'll demonstrate how to build an Outlook 2003 style application that synchronizes data asynchronously when the network is available as well as checking for application updates. Using Visual Studio 2005 (Whidbey), we'll cover how to use ClickOnce background sync API's to constantly check for application updates so users don't have to restart their application just to find out they have updates. We'll cover syncing technologies available using SQL Mobile for the Tablet PC and merge replication available for SQL Express as well as SQL Mobile. Empower your users with Smart Client Applications that work where the user is, not where the network may be.

Debugging With Visual Studio 2005

Scott Allen, Ode to Code

3:15 p.m.

Visual Studio 2005 introduces a number of new features to improve the debugging experience. In this session, we will cover not just the new features but the entire set of tools available to developers tracking down bugs. Demonstrations will include practical ASP.NET scenarios where we can take advantage of Visual Studio tools to resolve problems quickly.

G



Applied Generics: Building Re-Useable Types for Collections, Serialization and Remoting

Richard Hale Shaw, Richard Hale Shaw Group

3:15 p.m.

B

Everyone knows that .NET 2.0 Generics let you build parameterized types—and the most cited use case for Generics is type-safe collections. But you needn't bother defining your own type-safe collections in many cases: just use the new `List<T>` class, and derive from it or wrap it. More importantly, Generics can be applied to a number of scenarios to create even more powerful and flexible—but now type-safe—software, without the boxing and unboxing you'd incur storing Value type derivatives in Object references. For example, you can now create Generic types that can be specialized and serialized to storage; and you can invoke specializations of Generic types via .NET Remoting. We'll address applications of Generic types, and demonstrate potential pitfalls you may encounter along the way. We'll use examples in C#, but where appropriate, VB.NET 2.0 examples will be used as well.

The Need for Speed

Robert Patton, Optimum Technology

4:30 p.m.

D

No query can run fast enough. Instead of relying on tuning specific queries, learn how to write better queries! Come and learn how to get your data in the fastest and most efficient manner, how to build a better WHERE clause, how to write queries that are more likely to reuse execution plans and how to avoid many of the more common pitfalls. You'll leave knowing how to write your queries, making them and all other queries that execute simultaneously perform better. The tips and tricks you will take away will make your everyday tasks and code run more effectively.

Writing Less Code with Code Generation

Roy E. Pereira, Harris Corp.

4:30 p.m.

B

Learn how to create your own flexible Code Generation Engine in C# that will improve consistency and maintainability across your applications. Create an architecture that supports generated code.

Hitchhiker's Guide to VS and SQL Server '05

Bill Vaughn, Beta V Corp.

10:30 a.m.

Learn how to use the new Surface Area Configuration and SQL Management Studio, create and manage the `ConnectionString` using the new `SQLConnectionStringBuilder`, how to manage and monitor the connection pool in code and via Perfmon using the new Performance Counters, how to extract schema from the data source via the `GetSchema` methods, how to start, stop, pause and continue SQL Server using your own code, capturing operational statistics and much more.

OLAP Application Development with ADO MD.NET

Andrew Brust, Citigate Hudson

10:30 a.m.

ADO MD.NET, gives you the object model convenience of "classic" ADO MD without its COM InterOp dependency, and can provide "flattened" cellsets in the form of `DataSets` and `DataReaders`. We'll discuss how to use ADO MD.NET against SQL Server 2000 and 2005 Analysis Services cubes, how it can be used to leverage new SQL Server 2005 OLAP features, and how it ties in with the legacy APIs (ADO MD and XML/A).

What's New in ADO.NET 2.0

Jennifer Perret, Microsoft

11:45 a.m.

ADO.NET is the data access framework for .NET applications. The original version included in .NET 1.0/1.1 introduced the core elements for simple, efficient data access in both connected and disconnected scenarios. We'll go through the new cool extensions that we have added to ADO.NET in the .NET 2.0 release. Better performance, a provider-independent programming model and great integration with new innovations in the .NET 2.0 CLR and .NET Framework are some of the new features that we'll discuss in this session.

Using the Microsoft Report Controls in VS '05

Brian Welcker, Microsoft

11:45 a.m.

The new Report Controls in Microsoft Visual Studio 2005 allow you to embed rich, interactive reports into your smart client and ASP.NET applications. These controls are fully integrated with SQL Server 2005 Reporting Services to leverage features such as security, caching, and delivery, or work in local mode (not requiring Reporting Services). We'll show how it is easy to integrate these controls in a variety of development scenarios.

Integrated Innovation: Data Access in SQL Server '05

Debra Dove, Microsoft

2 p.m.

SQL Server 2005 has been in the works for some time now and it brings lots of innovation with it. The data-access interfaces, ADO.NET 2.0 and SQL Native Client (ODBC/OLEDB), have evolved to work together with SQL Server to provide the best platform for integrated database application development. We'll discuss the key features that make SQL Server 2005 and its data access technologies a winning combination. We touch on topics such as using ADO.NET inside SQLCLR, System.Transactions integration, asynchronous command execution, new data type support, and more.



Advanced Report Authoring and Design in SQL Server '05 Reporting Services

Brian Welcker, Microsoft

2 p.m.

Learn about advanced techniques for building reports with SQL Server 2005 Reporting Services and the Visual Studio-based Report Designer. Topics include how to use the built-in expression language, report parameterization (data driven, multi-valued, and hierarchical), supporting multiple data sources (including relational, multi-dimensional, and XML), and making reports interactive.

Application Development Using XML in SQL Server '05

Shankar Pal, Microsoft

3:15 p.m.

Interesting applications can be built using the native XML support in SQL Server 2005. This presentation gives an overview of the XML feature set, discusses how the new XML data type simplifies data management while XML indexing speeds up XQuery expressions on XML data type columns.

Upgrade and Migration: Planning Considerations for SQL Server 2005

Jennifer Perret, Microsoft

3:15 p.m.

The new features of SQL Server 2005 are well worth the upgrade effort, but how do you upgrade your existing systems painlessly? We'll drill into the necessary upgrade planning: preparing to upgrade, choosing the best upgrade strategy, and identifying incompatibility issues. You will learn tips and techniques on how to reduce your upgrade down time and how to best utilize the upgrade tools. The session has live demos of Upgrade Advisor and in-place upgrade features of SQL Server 2005.

Understanding MARS: Multiple Active Result Sets in SQL Server '05

Christian Kleinerman, Microsoft

4:30 p.m.

With a capability known as MARS, SQL Server 2005 makes it possible to have more than one pending request under a single connection. We'll explain how client data retrieval from SQL Server works, what is new in SQL 2005, and what are the best practices and recommendations when deciding how to fetch data from the server.

Query Notifications: What They Are, How They Work

Christian Kleinerman, Microsoft

4:30 p.m.

Data caching just got easier with Query Notifications in SQL Server 2005. We'll explain how you can benefit from the data change notification functionality, how does it work under the covers and what are the best practices and recommendations for its use.

October 12

Be More Efficient with TSQL in SQL Server 2005

Stephen Forte, Corzen, Inc.

10:30 a.m.

By now you have heard that you can write stored procedures in C# and VB .NET for SQL Server 2005. Does that mean TSQL is dead? NO! A lot has changed in the world of TSQL with the next version of SQL Server. See how efficient you can become with the new TSQL enhancements. You can crosstab in seconds with the PIVOT statement, perform recursive queries much easier with Common Table Expressions, manipulate XML data easier with the XML datatype and aggregate with ease using the new TOP functions. Report with ease with ranking functions. We'll take a look at the new TSQL enhancements, data types, and the like. We'll also look at how to choose between CLR Stored Procedures and TSQL.

End-User Ad Hoc Reporting with Report Builder

Brian Welcker, Microsoft

10:30 a.m.

Come see how SQL Server 2005 Reporting Services is meeting the demand for end-user, ad hoc reporting. Report Builder, the latest addition to SQL Server Reporting Services, enables sophisticated self-service reporting and data exploration scenarios. We'll present the architecture behind Report Builder, demonstrate the capabilities of the Report Builder client, and show how you can easily build business data models for end users.

Managing and Writing High-Performance SQL Server Stored Procedures

Bill Vaughn, Beta V Corp.

11:45 a.m.

SQL Server stored procedures are used by companies large and small to fetch intelligent rowsets, perform updates, manage data and referential integrity, enforce business rules and protect the underlying data. We'll focus on a number of "best-practices" used to optimize developer and code performance when stored procedures are part of your application's design.

Data Analysis Using T-SQL Ranking and Windowing Functions

Stephen Forte, Corzen, Inc.

11:45 a.m.

SQL Server 2005 adds the functionality of a ranking expression that can be added to your resultset that is based on a ranking algorithm being applied to a column that you specify. We'll explore the ROW_NUMBER() function, which assigns a running count to each row, and compare it to RANK() and DENSE_RANK() and more.



indigo day October 12



Windows Communication Foundation In Depth

A vital component of the upcoming Windows Vista release (code name: Longhorn), WCF (code name: Indigo) is Microsoft's new programming interface for Web Services. Come listen to the experts from the WCF development team discuss the ins and outs of this exciting new technology and walk away with new knowledge on what WCF will do to improve your development options. The keynote and two breakout sessions on WCF are open to all attendees at VSLive! Orlando.



Keynote: Introducing the Windows Communication Foundation

*Richard Turner,
Web Services Strategy, Microsoft*
9 a.m.

(see page 3 for description)

Programming the Windows Communication Foundation

Payam Shodjai, Web Services Strategy, Microsoft
10:30 a.m.

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

Building Secure Reliable Services with the Windows Communication Foundation

Payam Shodjai, Web Services Strategy, Microsoft
11:45 a.m.

Service-oriented applications usually run in environments that require secure, reliable, and/or transacted messaging. The WCF supports the full range of WS-* Web services protocols, which support these features in an interoperable way. In addition to supporting integrity, authorization, and authentication, WCF supports ordered, reliable sessions at the message and transport level as well as queue support, local/flowed transactions, and more. In this session, you'll learn the WCF support for secure, reliable, transacted messaging.

SQL Server 2005 Express Edition

Roger Wolter, Microsoft
3:15 p.m.

The SQL Server 2005 product line includes the Express edition which is meant both as a replacement for MSDE and as a part of the Visual Studio database development platform. We'll cover the features of Express, user scenarios, and Express unique features designed to improve usability and security of Visual Studio database applications.

Monitoring SQL Server '05

Dan Winn, Microsoft
3:15 p.m.

SQL Server 2005 exposes a wealth of information through Dynamic Management Views (DMVs), SQL trace events and performance monitor counters. Come and learn how and what to monitor in your SQL Server 2005 environment.

SQL Server Mobile Edition

Stephen Forte, Corzen, Inc.
4:30 p.m.

Learn how to leverage your existing .NET and SQL Server to build mobile enterprise applications from scratch that can dynamically update a backend SQL Server or work offline and synchronize later.

SQL Server Execution Environment

Ketan Duvedi, Microsoft
4:30 p.m.

Do you want to know what goes inside SQL Server when a request is executed? Do you want to understand the compilation and execution phases, the plan cache and recompilation? Come learn from one of the Microsoft developers in the SQL Execution Engine team about this and get best practices and recommendation on how to better use SQL Server.



The Speakers

**Scott Allen**

Scott Allen has more than 12 years of experience in delivering commercial products across a wide range of technologies—from 8-bit embedded devices to highly scalable Web applications for Fortune 50 clients.

**Robert Boedigheimer**

Robert Boedigheimer works for The Schwan Food Company providing business solutions with Web technologies. Robert has been designing and developing web sites for the past ten years including the early days of ASP and ASP.NET.

**Dave Bost**

Dave Bost is the Director of Technology for Solution Partners, a Chicago-based consulting company and Microsoft Solution Provider Partner. From the earlier days of Visual Basic and COM to the present time with .NET and distributed architectures, Dave has spent the past ten years specializing in designing and implementing Microsoft software solutions.

**Andrew Brust**

Andrew Brust is Chief, New Technology at Citigate Hudson, a Microsoft Gold Certified Partner in New York City. Andrew is Microsoft's Regional Director for New York and New Jersey, a member of the INETA Speaker's Bureau, a contributing editor to *Visual Studio Magazine* and a highly rated speaker at conferences throughout the U.S. and internationally.

**Peter DeBetta**

Peter DeBetta is the resident SQL Server trainer and consultant for Wintellect. Peter develops software using SQL Server, .NET, and other technologies. He also teaches SQL Server Programming courses and speaks at various conferences around the world about SQL Server.

**Debra Dove**

As Program Manager for data access in the SQL Server product group at Microsoft, Debra focuses on SQL Server data access technologies, such as SQL Native Client and ADO.NET, and evangelizing the use of data access enabled applications against SQL Server. She has been involved with data access and database replication technologies for over ten years.

**Ketan Duvedi**

Ketan Duvedi is a developer in the SQL Server Relational Engine team at Microsoft and has been working on SQL Server for the last five years. His areas of expertise are the execution engine inside the SQL Server particularly plan caching, compile/execution loop, query parameterization, recompilation and eventing.

**Stephen Forte**

Stephen Forte is the Chief Technology Officer and co-founder of Corzen, Inc., a Manhattan (USA) based provider of online market research data for Wall Street Firms. Stephen is also the Microsoft Regional Director for the NY Metro region.

**Cathi Gero**

Cathi Gero, C.P.A., is founder and development director of Prenia Corp., providing custom software applications, training, and architectural designing to businesses and developers. Cathi is a Microsoft C# MVP and is an active member of the .NET community.

**Billy Hollis**

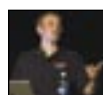
Billy Hollis is an author and software developer from Nashville, Tennessee. Billy is co-author of the first book ever published on Visual Basic .NET, *VB .NET Programming on the Public Beta*. He has written many articles, and is a frequent speaker at conferences.

**Robert Hurlbut**

Robert Hurlbut is an independent software architect/developer and consultant and owner of Hurlbut Consulting, Inc. He is also a Microsoft MVP for Visual C#. Robert specializes in application security, distributed architectures, and database architecture and development.

**Ron Jacobs**

Ron Jacobs is a Product Manager for Microsoft's Patterns & Practices group. Ron's primary area of focus is enterprise-scale distributed application development. He brings over 15 years of development experience to his new role of capturing, proving and documenting the best practices of enterprise scale development.

**Maxim Karpov**

Maxim V. Karpov is a software architect, an independent consultant, and a mentor. He is completely sold on the idea that design patterns provide developers with a universal language for communication and a platform for developing superior applications. The majority of his time is spent helping corporations architect their enterprise applications based on best practices and commonly used Design Patterns.

**Christian Kleinerman**

Christian Kleinerman has close to ten years of experience working with SQL Server—the last five as part of the SQL Server development team in Redmond, WA. He is currently a Program Manager in the relational engine team where he has worked on a variety of features and technologies.

**Chris Kinsman**

Chris Kinsman is one of the founders of Guided Design and is formerly the VP of Technology for a family of Web sites that provide information for developers. Chris teaches course on ASP.NET in both VB .NET and C# and has extensive experience with ASP, Web Farms, Clustering, Data Access, and Scalability.

**Steve Lasker**

Steve is a Program Manager for VS at Microsoft. He is responsible for many of the data design time features in Visual Studio. Steve's team owns the Typed DataSet designer, Data Wizards and the new Data Sources window. His background in broadcast engineering, e-commerce startups, and consulting has taken him through the cycles of client, browser, CE, and with .NET, returned to client-based apps that leverage the Internet as the transport.

**Vishwas Lele**

Vishwas Lele is a Principal Architect at Applied Information Sciences where he has been involved in the development of .NET based applications for a number of clients. He regularly conducts .NET classes including security seminars for developers. Vishwas has been a speaker at a number of developer events and has also authored many magazine articles and white papers on the .NET technology.

**Rocky Lhotka**

Rocky Lhotka is the author of Expert One-on-One Visual Basic .NET Business Objects from Apress. He is a contributing author for *Visual Studio Magazine* and he speaks at major conferences around the world. Rocky is the Principal Technology Evangelist for Magenic Technologies, one of the nation's premiere Microsoft Gold Certified Partners.

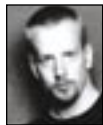
**Mark Michaelis**

Mark Michaelis is a software architect and trainer at Itron Corporation. Mark serves on several Microsoft software design review teams including C# and VSTS. He is currently completing another C# book, *Essential C#* (Addison Wesley). When not bonding with his computer, Mark is busy with his family, exercising outdoors, or traveling the globe. Mark Michaelis lives in Spokane, Wash.



Mark Miller

Mark Miller is Chief Architect of the IDE Tools division at Developer Express. He is a high-speed developer with strong expertise in architecture, plug-in systems, component development, extreme programming, effective user interfaces, refactoring, and good class design. Mark is well known for both his sense of humor as well as his software jam sessions. He has been writing software for more than two decades.



Russ Nemhauser

Russ Nemhauser is a Microsoft ASP.NET MVP and a Microsoft Certified Professional, and has served as an Architect, Developer, Team Leader, and Project Manager over the past several years. His recent projects include enterprise applications, online commerce sites, and corporate intranets for Wall Street, Universal Studios, Microsoft, Seagram, and others.



Ted Neward

Ted Neward is an independent consultant specializing in high-scale enterprise systems, working with clients ranging in size from Fortune 500 corporations to small 20-person shops. He speaks on the conference circuit, including the No Fluff Just Stuff Symposium tour, discussing Java, .NET and Web service technologies, focusing on Java-.NET interoperability.



Fritz Onion

Fritz Onion is a founding partner of Pluralsight, a think-tank organization delivering in-depth technical content and training, where he focuses on Web development with ASP.NET. He is the author of the book *Essential ASP.NET* (Addison Wesley), and is currently working on a second edition that will cover ASP.NET 2.0.



Shankar Pal

Shankar Pal is a Program Manager in the SQL Server engine team. He works on programmability areas with special focus on XML data processing, data modeling and data management. He has published papers in MSDN Online on the XML technology and in conferences such as Very Large Data Base and ACM SIGMOD, and works extensively with customers. Prior to the XML focus, Shankar was a development lead in SQL Server working on meta-data management, and a co-inventor of the SOAP protocol.



John Papa

John Papa, a Senior Consultant with ASPSOFT, has been working with Microsoft distributed architectures for ten years and has developed with .NET since its early pre-beta days when ASP.NET and ADO.NET were known as ASP+ and ADO+. John has authored or co-authored several books on ADO, ADO.NET, XML, and SQL Server, is the author of the Data Points column in *MSDN Magazine* and can often be found speaking at industry conferences.

Robert Patton

Robert A. Patton (MCDBA, MCSD, MCSE+I, MCP+I) is a Senior Consultant for Optimum Technology, a public sector technology services company in Ohio, specializing in Microsoft Windows .NET solutions. He is a frequent speaker and has authored and edited several books, including *SQL Server 2000 .Net*.



Roy Pereira

Roy Pereira is a senior software developer for a research and development initiative within the Harris Corporation involving C# and Integration. Roy also teaches a Multimedia Game Programming class for Ferris State University utilizing C#.



Jennifer Perret

As Program Manager for data access in the SQL Server product group at Microsoft, Jennifer Perret focuses on SQL Server data access technologies, such as SQL Native Client, MDAC, and ADO.NET, and evangelizing the use of data access enabled applications against SQL Server. She is currently the PM owner for BID -Data Access Built In Diagnostics, SQL Server Compatibility, and a few other key projects.



Keith Pleas

Keith Pleas is one of the founders of Guided Design and has worked for more than two years on the team developing the .NET Framework and Visual Studio .NET. Keith is an internationally known writer and speaker. He is also a contributing editor to *Visual Studio Magazine* and has developed Microsoft Professional Certification Exams. Keith also sits on the INETA board and is the liaison for the INETA Speakers Bureau.



Brian A. Randell

Brian A. Randell teaches Microsoft .NET curriculum using Visual Basic .NET and C# for DevelopMentor. When not teaching, Brian works as a Senior Consultant with MCW Technologies, a Microsoft Certified Partner, specializing in custom application development with Microsoft .NET, SQL Server, and the Microsoft Office family of products.



Walt Ritscher

Walt Ritscher has trained thousands of corporate developers during the last ten years. An active speaker, his teaching schedule has taken him throughout the U.S. providing training at corporations, universities and developer conferences. He has collaborated on several books and videos published for the developer market.



Richard Hale Shaw

Richard Hale Shaw is the founder of the Richard Hale Shaw Group, which has consulted and trained software developers since 1993. An articulate writer and speaker on topics dear to the hearts of software developers and an outspoken critic of broken devtools, Richard specializes in consulting and training on .NET programming in C# and COM/+ programming in C++.



Paul Sheriff

Paul D. Sheriff is a recognized leader in the Visual Basic industry and the Microsoft Regional Director for Southern California. Paul is a frequent speaker at Microsoft Developer Days, Microsoft Tech Ed, Microsoft "MSDN Presents", industry conferences and user groups across the country.



William Vaughn

William (Bill) Vaughn is President of Beta V Corporation. He's developed for, taught, and written about mainframe and personal computers since '72, including 14 years at Microsoft. He's the author of the books *ADO.NET and ADO Examples and Best Practices for VB Programmers-Second Edition* and *ADO.NET Examples and Best Practices for C# Programmers*.



Brian Welcker

Brian Welcker is Group Program Manager for SQL Server Reporting Services, part of the SQL Server product group. His team is focused on delivering the premier managed and ad-hoc enterprise reporting platform as part of SQL Server 2000 and SQL Server 2005 as well as delivering developer reporting components for Visual Studio 2005.



Dan Winn

Dan Winn is a Program Manager in the SQL Server Relational Engine team at Microsoft. In his five years with the team he has worked on a variety of technologies including the Dynamic Management Views, SQL Trace, SQL/CLR, Visual Studio Integration and T-SQL Exception Handling.



Roger Wolter

Roger Wolter has close to 30 years experience in the computer industry—the last seven with Microsoft. He is currently a Program manager on the SQL Server team specializing in SQL Server Service Broker and SQL Server Express. His projects at Microsoft have included COM+, SQLXML, the Soap Toolkit, SQL Server Service Broker and SQL Express.



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Salute the world of showbiz—from the Hollywood classics of yesteryear to the best in popular entertainment. Take center stage as the star of your own adventure: from rock 'n' roll fantasy to Broadway-style stage spectaculars, from the silver screen to the TV screen to behind the scenes. And when you share it as part of your Magical Gatherings experience—now that's entertainment!

Disney's Animal Kingdom® Park

Disney storytelling comes to life in a kingdom brimming with fun, wonder and adventure. Join together with your circle of loved ones to savor thrilling attractions, shows, the majesty of nature and the fascinating animals—real and imagined—that enrich our planet.

Blizzard Beach Water Park

Disney legend has it that after a freak winter storm blanketed the area with snow, Florida's first ski resort was born. When temperatures returned to normal, the powdery snow turned to slippery slush. Slalom courses, bobsled and toboggan runs became downhill waterslides. The chair lift carried swimmers instead of skiers. The ski jump became the tallest, fastest water slide in the nation. You are invited to what has become Disney's Blizzard Beach, the most slushy, slippery, exhilarating water park anywhere!

Typhoon Lagoon Water Park

Disney legend has it that a furious storm once roared across the sea, hurling surfboards into trees, blowing small boats through roofs and impaling a shrimp boat on a peak of a great volcanic mountain. Left in the typhoon's wake are twisting tides, roaring rapids, wonderful waterways and relaxing rivers. Whether you are navigating the nine exhilarating waterslides and streams or conquering one of the world's largest artificially created waves, Typhoon Lagoon promises the most wild, wonderful and wet water adventure known to man or fish.

<http://disneyworld.disney.go.com>

Walt Disney World Golf

Enjoy five award-winning courses with world-class facilities

Magnolia—Home to the Mickey Mouse bunker

Lake Buena Vista—Home to both PGA and LPGA events

Osprey Ridge—A mix of stunning beauty and tranquility

www.disneyworldgolf.com

Palm—As challenging as it is beautiful

Eagle Pines—A close to perfect resort course

Downtown Disney Orlando

Come together to indulge in big-city fun in an area alive with excitement, unique shops, restaurants, and entertainment! Explore Downtown Disney® Marketplace, home to the largest Disney character store in the world; Downtown Disney West Side, with its top-notch restaurants, theaters, shows and amusement; and Pleasure Island, a partier's paradise of live performances and nightclubs.

<http://disneyworld.disney.go.com/wdw/special/downtowndisney/index>

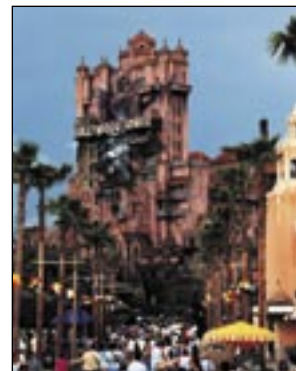
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Combine business and pleasure! Make your time at VSLive! Orlando even better by staying at the spectacular Walt Disney World Dolphin Hotel where all conference sessions and activities will be held.

As a VSLive! attendee, you are eligible for a **special room rate of \$195** for single/double occupancy. Make your reservation early because the discounted rate is only in effect until **September 15, 2005** and rooms are subject to availability.

Simply book online at swandolphin.com/groupres/vslive or call the hotel directly at 1-407-934-4000 to reserve your room. Just be sure to identify yourself as an attendee of VSLive! Orlando, presented by Fawcette Technical Publications, to get the discounted rate.

About the Walt Disney World Dolphin Hotel

The Walt Disney World Dolphin Hotel, home of VSLive! Orlando 2005, is part of the Walt Disney World® Resort complex. Book your accommodations at the Walt Disney World Dolphin and enjoy free shuttle access to shopping, dining, nightlife, and of course, the theme parks and attractions. So bring the kids or bring out your inner kid and enjoy all that Walt Disney World Resort has to offer while you're at VSLive!

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Fly United and Save



VSLive! attendees qualify for discounts of 5% to 15% off fares for United Airlines. Some restrictions will apply.

For United opportunities, call United's Specialized Meeting Reservations at 800-521-4041 and reference ID number 537LH.

Automobile

Special Discounts from Hertz



Hertz is also offering special discount rates on rental cars to all VSLive! attendees. Please call 800-654-2240 for details and reference number CV 022L1375.

Visiting Orlando

Enjoy all Orlando has to offer from a wide assortment of amusement parks to the never-ending nightlife scene. Visit www.orlandoonline.com to plan your leisure time around VSLive!. Enjoy your stay!

If you'd like to learn more about Orlando—where to go, what to do, how to get around, or about the weather—visit orlando.citysearch.com, www.mapquest.com, or The Weather Network: Orlando (www.weather.com) and start planning your trip today!

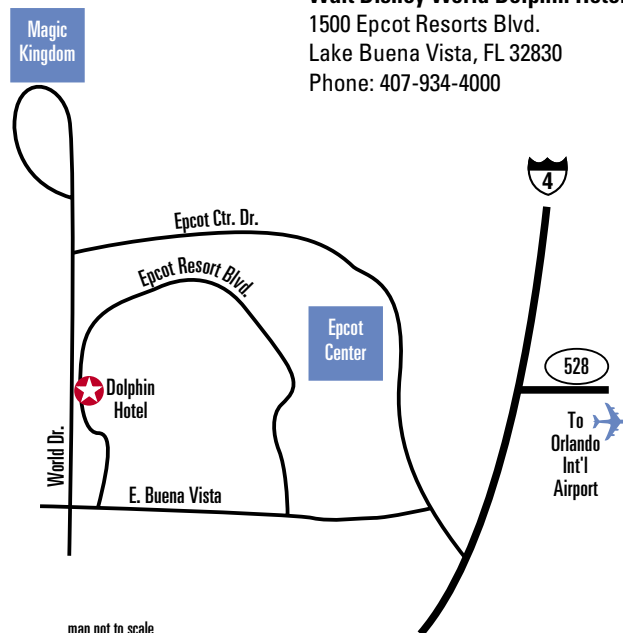


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The Gold Passport

The Gold Passport at VSLive! Orlando offers the best value—for your time and money. You've got an all-access pass to everything taking place at the Walt Disney Dolphin that week. Attend every pre- and post-conference workshop. Jump between breakout sessions in all-technical conferences. Participate in Microsoft .NET Day. Create

a schedule that is as flexible and diverse as the job you do now. And get a year's-worth of learning under one roof, at one time.

October 9 -13

**5-Day, All-Inclusive
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Early Bird (until Aug. 31)

☐ \$2,495

Standard

☐ \$2,695

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If time and budget are tight, create an a la carte schedule based upon your specific technical interests. You may sign up for one of the breakout conferences, and even add a pre- or post-conference workshop day to your package, rounding out your time in Orlando.

	Early Bird (until Aug. 31)	Standard
ASP Live! + .NET Day		
October 11-12	<input type="checkbox"/> \$895	<input type="checkbox"/> \$1,095
SmartClient Live! + .NET Day		
October 11-12	<input type="checkbox"/> \$895	<input type="checkbox"/> \$1,095
SQL Live! + .NET Day		
October 11-12	<input type="checkbox"/> \$895	<input type="checkbox"/> \$1,095

The Workshops

You can improve your schedule further by adding a pre- or post-conference workshop to your two-day, two-track registration. A single workshop day is only available when you register for one of the above packages, and is available for \$395.

October 9

- ☐ Build Distributed Object-Oriented Apps with .NET 2.0 \$395
- ☐ .NET to the Core™ Designing and Implementing High Performance ASP.NET Solutions \$395
- ☐ Introduction to ASP.NET 2.0 \$395

October 13

- ☐ Advanced Windows Forms \$395
- ☐ Visual Studio Team System \$395
- ☐ Hands-on Whidbey: C# 2.0 Generics, Iterators, and Frameworks 2.0 Features \$395
- ☐ ADO.NET 2.0 Coding and Best Practices \$395

You'll receive our Early Bird discounts if you sign up by Aug. 31.
 Your registration must be postmarked and paid in full by this date.

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Please fill out completely and print or type information as you wish it to appear on your badge. Photocopy this form for additional registrations.

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In the event VSLive! is cancelled by FTP, registration fees only will be refunded. Cancellations of travel and hotel reservations are the responsibility of the attendee.

Speakers and Sessions

The speakers listed on this Web site are leading professionals in their respective fields. Should a speaker be unable to attend the conference, all efforts will be made to replace him or her with one of comparable experience and qualifications.

Special Requirements

If you foresee any special requirements while attending VSLive! (dietary, access, or otherwise), please contact the conference registrar at 800-848-5523 (or 650-378-7100) at least one month in advance, and we'll do our best to accommodate your wishes.

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From time to time we use photographs of conference participants in our promotional materials. By virtue of your attendance at VSLive!, Fawcette Technical Publications, Inc. reserves the right to use your likeness in such materials.

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