VB
connections

VISUAL BASIC DEVELOPER CONFERENCE

Joint Microsoft Keynotes with PASS, SQL Server User Conference

Steve Ballmer
CEO
Microsoft Corporation

Gord Mangione
VP SQL Server
Microsoft Corporation

Mark Anders
Product Unit Manger
.NET Framework and
Co-Inventor of ASP.NET
Microsoft Corporation

Today Tomorrow and Beyond

PASS
PROFESSIONAL ASSOCIATION
FOR SQL SERVER
www.sqlpass.org

BONUS!
See Page 10

REGISTER EARLY and attend
ANY SESSIONS
of the concurrently run

VISUAL STUDIO DEVELOPER CONFERENCES
Microsoft ASP.NET,
Visual C++ and C# Connections

for FREE!
Make the Connection!

Microsoft
Visual Studio.net
FREE BETA CD

September 18-21, 2001
Walt Disney World Swan
Lake Buena Vista, FL **800-722-6344**
www.VBconnections.com

Microsoft®

Visual Basic.NET is the revolutionary new version of Microsoft's Visual Basic development system, built from the ground up on the .NET Framework. With the recent 10-year anniversary of Visual Basic, we've modernized, simplified, and extended the language to provide the foundation for ten more years of RAD VB development. Visual Basic.NET takes VB development to new heights by enabling you to build and deploy XML Web services, thin-client Web applications, and the next generation of rich Windows applications - more quickly and effectively than ever before.

VB Connections is your one-stop source for the latest, most accurate information on all aspects of Visual Basic.NET. From learning to upgrade existing code to building Web services to leveraging all of the new features in Windows Forms, this conference provides the in-depth technical content you need to rapidly get up to speed. Join the Microsoft product team and leading third-party speakers as we show you verything that's new in Visual Basic.NET. We look forward to seeing you in Orlando!

ARI BIXHORN
Product Manager, Visual Basic,
.NET Developer Solutions Group
Microsoft

You can't go anywhere and learn more about VB than at this event!

Experience 4 DAYS OF CUTTING-EDGE TECHNOLOGY, HARD-CORE DRILL DOWN SESSIONS, **LIVELY Q&A PANELS WITH THE EXPERTS**, COMPUTER LABS AND **GREAT NETWORKING PARTIES, all produced at an awesome resort.**

Discover why VB Developers from around the world are making VB Connections their conference of choice!

three for one

Register Early *and get the option of attending sessions of Microsoft ASP.NET Connections and C#, VC++ Connections for no additional cost.* **That's value!**

Get Certified!

VUE TESTING SERVICES™
www.VUE.com

Registered attendees of VB Connections are eligible for a 50% discount off the full price on Microsoft certification exams during the conference, at the VUE Testing Center. Discount is limited to the first 200 exams, so register early. (Discount is per exam, not per person.) After 200 exams are registered, additional exams will be offered at full price on a first come-first served basis as space allows. Remember to register early to ensure both the discount and your preferred exam time. Prior to the conference, you can register for exams at www.VBconnections.com. Attendees may also register during the conference at the VUE Testing Center. Same-day registration is possible as space allows.

STUDY HALL

New Riders
WWW.NEWRIDERS.COM

Be sure to visit the exam study hall, sponsored by New Riders. Exam preparation materials will be available as references, and you'll have some 'quiet time' to focus your studying before taking your exams.

.NET Security

ALISON BALTER

In this session you'll learn how to protect resources and code within your .NET applications. The session begins with an overview of the .NET Framework security and exposes you to the key terms and concepts used in the .NET Framework security system. During the session you'll learn the difference between Code Access Security and Role-based Security and how to implement each. You'll also learn how to override and optimize security checks, as well as how to create custom permissions. After attending this session, you'll be ready to implement security in your .NET applications.

ADO.NET and .NET Data Providers - OLEDB and SQL Server

BILLY HOLLIS

Managed providers are key to the ADO.NET architecture, and .NET will initially contain two families. One is generic and based on the OLEDB model, and the other is constructed specifically for SQL Server. This session will examine differences between these providers, and discuss situations that suggest that one or the other be used. It will also cover in detail the operations common to both families, and present typical code for creating database connections, fetching datasets, and resolving datasets back to data stores. Finally, some suggestions will be presented to handle data access when the managed provider to be used is not known ahead of time.

Advanced OOP Features and Inheritance

TOM EBERHARD

Inheritance, Method Overloading, Overriding, the ability to use Web Services and still work with "current generation" COM Objects give VB.net tremendous power. More powerful, robust and scaleable applications can be created with greater ease than ever before. This session will explore advanced OOP and Inheritance Features. It will show how properly applied, OOP can be a great enhancement in n-tier application design and programming. Through real life examples, Inheritance will be show visually in the Presentation layer, non-visual in the business layer and through COM like objects in the data layer. The session will explore a proper balance of using inheritance combined with composits, where and when to use Web Services. And last but not least, it will show how to leverage existing COM/COM+ based Applications.

Advanced Upgrading

ARI BIXHORN

This session is designed to walk you through the upgrade and integration process. You will learn how to upgrade applications and to determine when you do not really want to upgrade but intergrate applications instead. The session will show you what COM interop is and how it affects your applications. You will learn how to use COM interop with your existing applications and how it applies to the upgrade process.

Advanced Web Applications and XML Web Services in Visual Basic.NET

KEN GETZ

Once you have the basics down, creating web services can be used for many tasks. This session drills into advanced topics you will need when building and using web services in our applications. You will learn about synchronous and asynchronous web services, error handling, how UDDI fits in with published web services and more.

Advanced Windows Forms

MARNIE HUTCHESON

Windows Forms are not just a new interface. They provide a powerful set of new features that you can tap into. This session will show you how to use new features such as inheritance and web services to make your windows applications powerful and flexible.

Building Disconnected Applications with Queued Components

DON KIELY

Queued Components, a key feature of COM+ and based on Microsoft Message Queuing Services (MSMQ), provides an easy way to invoke and execute components asynchronously. Processing can occur without regard to the availability or accessibility of either the sender or receiver, providing the foundation for disconnected, distributed applications. MSMQ itself requires lots of sometimes complex programming, but queued components are simple to use with the right knowledge. During this session, we'll dissect a real application to see how it uses queued components to support disconnected users, and examine when this technology is appropriate for use.

Building Flexible Data Layers in VB 6 with ADO

JOHN ALEXANDER

In this session, you'll discover how to build a data layer that is responsive to changes. Learn how to build components that allow you to create and manage connections effectively, and utilize queries and stored procedures as well. We'll also focus on the ado functionality that allows you to utilize xml in recordsets and also through the use of the stream object.

Creating and Consuming XML Web Services in Visual Basic.NET

KEN GETZ

Web Services in the .NET platform allow you to call methods of objects over HTTP - that is, you get all the benefits of using SOAP to distribute objects, and you don't have to worry about all the ugly details! Creating Web Services in VB.NET is easy, and this session walks you through the basic steps you'll need to follow in order to create your own business-to-business components that can be accessed remotely.

Creating Custom Controls for Windows Forms in VB.NET

ROCKFORD LHOTKA

VB has always relied on the concept of controls for extensibility - first VBX and then ActiveX. VB.NET continues and extends this capability by allowing us to create Windows controls . This technology replaces the ActiveX control concept of the past with new technology based on aggregating existing controls and inheritance. In this session we'll explore the creation of both Windows Forms controls in VB.NET

Creating User Controls for Web Forms

MIKE AMUNDSEN

Web Forms provides a great architecture for building new applications. The new user controls you can create for Web Forms allow you to package and resuse code effectively. These new features go beyond what you can do with server side includes in your applications. This session will show you how to create and use control in your Web Form applications. You will also learn some of the ins and outs of control creation and use.

Creating Web Form Applications with VB.NET

KEN SPENCER

This session will show you how to create web applications using VB.NET and Web Forms. VB.NET and the .NET Framework entirely change the way you create web applications. You will learn how to create basic Web Form applications and see how VB.NET relates to VBScript in web applications. The session will also discuss data binding controls in various ways.

Creating Data Providers and Data Consumers

ALISON BALTER

In this session you'll learn how to create ADO.NET data providers and data consumers. Data consumers utilize data providers to access data in a data store. This session helps you to go beyond the .NET wizards and the standard interfaces. Learn what underlies the data classes that .NET provides to you. Armed with this knowledge, see how to build your own data provider and data consumer classes that inherit from the classes provided to you. After attending this session you'll be able to more fully harness the power data access in your .NET applications.

Crystal Reports and Visual Basic.NET

JOHN ALEXANDER

In this session, you'll discover how to design and view a report in a windows application. Learn how to build reports that report off of ADO.NET datasets, and how to interact with the report. We'll also focus on functionality that allows you to expose your report as a web service and create a web application that interacts with Web Controls.

Data Access using XML and Visual Basic.NET

BILLY HOLLIS

As XML becomes the lingua franca of data transfer, better ways of accessing XML are needed. Fortunately, VB.NET serves up some new options. Developers can choose the XML Document Object Model techniques, similar to today's MSXML classes. These provide complete flexibility but are a bit cumbersome to use. An alternative is XML access through ADO.NET, which gives any client the ability to have a mini-relational database at hand, and sees XML data through the paradigm of tables and rows. This session will present both techniques briefly, and give examples of when each technique works best.

Debugging Stored Procedures in VB

DON KIELY

Microsoft has worked hard to enhance the debugging capabilities of its development tools, but debugging stored procedures is still more of an art than science. During this session, you'll learn the ins and outs of this method of developing integrated database applications, getting your application and development machine set up for debugging, what you can and can't expect from the combination of tools, and the options you have for building bug-free applications on every tier.

Effective Database Design using Visual Studio.NET

ARI BIXHORN

Database design is a critical area of most application development projects. This session will drill into database design using Visual Studio.NET and the new modeling and database tools. You will also learn how to use the new ORM features for modeling effective databases.

Enterprise Frameworks and Templates

MARNIE HUTCHESON

One of the problems that development teams traditionally face is implementing the proper architecture for all developers. Creating the architecture is one thing but implementing it is entirely something different. This session will introduce you to the new Enterprise Templates in VS.NET and show you how these templates can be used to control the architectures that developers on your team implement. These new features will save you and your teams many hours of aggravation and missed directed effort.

Executing SQL Server Stored Procedures from Visual Basic 6.0 and Web Applications

ALISON BALTER

In this session you'll learn various techniques that you can use to execute SQL Server 2000 stored procedures from Visual Basic and Web applications. You'll learn how to pass input parameters to your SQL Server stored procedures, and how to receive and process output parameters within your applications. You'll see how error handling and other pertinent information can be output from your stored procedures, and utilized by your applications. You'll also learn the advantages of using stored procedures versus other techniques such as embedding SQL statements in your programming code. Finally, you'll learn how to physically and logically separate your application into multiple tiers. After attending this session, you'll be able to fully harness the power and flexibility of stored procedures within your applications.

Exploring .NET Web Security with Windows and Passport Authentication

MIKE AMUNDSEN

In this session you'll learn the basics of the .NET security model and how you can use it to create and support secure web applications on the .NET platform. You'll learn how to define security schemes that use forms-based authorization; how to use Windows security for your Web applications and how to incorporation Microsoft Passport as the authentication service for your sites.

Exploring the ADO.NET Dataset

PAUL LITWIN

ADO.NET employs a disconnected model that splits data access into two sets of objects: those that contain data and those that are used to connect to data sources. The DataSet object is the principle container object. In this session, you will explore the DataSet object in detail and learn how to employ DataSets in your VB.NET applications. You will learn how to create and navigate DataSets, how to update records in datasets, and how to reconnect to data sources using the DataAdapter object.

Implement Distributed Objects in Visual Basic and .NET, Part 1

ROCKFORD LHOTKA

Visual Studio.NET and the .NET Framework provide powerful object distribution capabilities. Visual Basic will allow you to take full advantage of these capabilities when creating applications based on distributed objects. Using these technologies you'll create an object-oriented application that works effectively in a distributed environment - providing scalability and fault-tolerance without sacrificing maintainability and reuse of code. Part 1 of a 2 sessions.

Implement Distributed Objects in Visual Basic and .NET, Part 2

ROCKFORD LHOTKA

Visual Studio.NET and the .NET Framework provide powerful object distribution capabilities. Visual Basic will allow you to take full advantage of these capabilities when creating applications based on distributed objects. Using these technologies you'll create an object-oriented application that works effectively in a distributed environment - providing scalability and fault-tolerance without sacrificing maintainability and reuse of code. Part 2 of a 2 sessions.

In-depth XML Parsing Using SAX and DOM

DON KIELY

The first step in using XML data is parsing it to plumb the depths of its information. Microsoft's MSXML collection of tools provides two methods for parsing XML data, the DOM and SAX. One is a W3C standard, the other is a public domain open source specification. Neither is better than the other, but each has its best use in some cases. During this session we'll explore these two very different techniques, and wring every bit of useful data out of XML until it begs for mercy.

Intro to Upgrading Applications to VB.NET

ARI BIXHORN

.NET provides a compelling platform and sets of tools for application development. One of the things you must face is what to upgrade and how to perform the task. This session will show you the VB.NET upgrade tool capabilities and how to use it. You will learn about the upgrade report, technologies that don't upgrade and preparing your VB6 app for the upgrade.

Intro to Windows Forms

MARNIE HUTCHESON

This sesssion will introduce you to Windows Forms and how they can be used to create applications. You will learn how to create, reference, and use windows forms in applications and how to user various controls. The session will also discuss good practices on how to wire up forms and controls and how to control user interaction.

Introduction to Inheritance

TOM EBERHARD

Visual Basic has come a long way. With it finally embracing Inheritance to allow full Object Oriented Programming, VB.net has become one of the most powerful yet easy to use development tools available. This session will show the ease with which developers used to "object based-programming available in previous versions of VB, and those used to write VB scripting code in ASP, can use object oriented features in VB.net. A real life sample application will show how to plan and implement OOP features, both through visual and non-visual inheritance features.

Language Changes in VB.NET

NICKOLAS LANDRY

The next release of Microsoft's flagship development tool is just around the corner, and VB developers face a solid learning curve as they approach the newer better and stronger Visual Basic.NET. It's time to flatten this learning curve and tackle the architectural and syntaxic changes with a vengeance and style. This is not your father's VB anymore. Implementation inheritance is finally here, but so are namespaces, managed types, delegates, structured exception handling, advanced OOP features and much much more. This session takes you for a ride from the VB6 world you've grown comfortable in to the realm of VB.NET and its new horizons.

SPEAKERS, TOPICS, AND SESSIONS SUBJECT TO CHANGE WITHOUT NOTICE. CHECK WEB SITE FOR CURRENT INFORMATION.

Page 4

September 18-21, 2001
Walt Disney World Swan
Lake Buena Vista, FL **800-722-6344**
www.VBconnections.com

You'll learn all about the new techniques you can leverage, how to maximize your current investment in VB6 code, what you can now do that was simply inaccessible before, and all within the context of real-world examples. No more "Hello World!", it's time to think like the pros.

Managing Server-side resources in VB.NET

JOHN ALEXANDER
In this session, we'll explore how to effectively manage and utilize server-side resources in Visual Basic.NET. Learn how to maintain data sources such as queries and stored procedures through the server explorer. We'll also take a look at .NET framework resources for monitoring and watching such as using the System.IO.FileSystemWatcher object to monitor a folder for new files, useful for an application that imports a file into a database.

Mobile Application Development with VB.NET

ARI BIXHORN
Mobile devices such as PDAs and cell phones are everywhere these days. .NET makes it eaiser than ever to create applications for these devices. This session will introduce you to the .NET Compance Framework. You will learn what the framework is and how to use VB.NET to create mobile applications.

Programming .NET Framework Base Classes Using VB.NET, Part 1

NICKOLAS LANDRY
You may think you already know everything about VB.NET but you haven't seen anything if you don't understand and master the .NET Framework itself and its amazing collection of system classes. The .NET Framework classes are to VB.NET what the Win32 API are to VB6. The big difference though is you now have full access to these classes with no holds barred. It's time for VB developers to shine! This session is the first of two talks on the .NET Framework classes, and presents the range of classes you can leverage in your VB.NET applications, from the ubiquitous System.Data to the popular System.Xml and much more. We'll see what classes can be used in which circumstances, how you can use them, what you can and can't do with them, and all within the confines of actual real-world hardcore VB.NET code examples you'll just want to show-off back at the office.

Programming .NET Framework Base Classes Using VB.NET, Part 2

NICKOLAS LANDRY
You may think you already know everything about VB.NET but you haven't seen anything if you don't understand and master the .NET Framework itself and its amazing collection of system classes. The .NET Framework classes are to VB.NET what the Win32 API are to VB6. The big difference though is you now have full access to these classes with no holds barred. It's time for VB developers to shine! This session is the second of two talks on the .NET Framework classes, picks up where we left-off in Part 1, and pushes the limits of VB.NET and the .NET classes even further and deeper with even more advanced guru-stuff to integrate in your designs. Let's get our hands even dirtier with System.Security, System.Runtime and many more of their hardcore friends you'll just want to meet. Whether it's real-life coding scenarios, tips, tricks, gotchas, classic traps, blood, sweat and power, this session has it all and will prepare you to tackle any problem that is thrown in your path.

The Dos and Don'ts of OOP Features and Inheritance

TOM EBERHARD
VB.net offers many new OOP features to developers. Based on the CLR (Common Language Runtime) and the vast Framework of .NET, it can easily be one of the most powerful development tools. But is inheritance really the "Holy Grail" of application development? Can it be overused and how? What are the pitfalls of inheritance?   This session will show the tremendous power proper applied inheritance has. It will also show some of the pitfalls of inheritance through incorrect use, overuse etc. It explores proper procedure for planning and implementing OOP's Features and Inheritance, keeping the platform's CLR and existing Framework in Mind. A real life sample application demonstrates these principles.

Transactions and MTS with VB.NET

MIKE AMUNDSEN
Whether you are using VB6 or VB.NET to create your solutions, you still need access to transaction management and asynchronous message services. In this session, you'll learn how to create .NET components that support MTS and MSMQ. You'll also lean how these .NET components can automatically register themselves with COM+ services on Windows 2000 without using MSI packages or Windows Installer.

Using the Windows API in VB 6 Applications

BILLY HOLLIS
One of the primary advantages of a VB forms interface over a browser interface is the ability to manipulate windows directly using the Windows API. The API is also useful for system-level access to resources such as files. This session will cover some common situations in which API manipulation is helpful, and how to package and execute API calls. We will also discuss how to package these operations to ease the transition of such applications to VB.NET.

VB.NET and the Win32 API like functions

ARI BIXHORN
The .NET Framework not only provides a rich set of features that sit on top of the operating system. This session will show you how new features of .NET make using the Win32 API less necessary in your .NET applications. You will learn how to perform functions using the .NET Framework that would require API calls if not using .NET.

John Alexander
G.A. SULLIVAN

Mike Amundsen
VERTIGO SOFTWARE

Alison Balter
INFOTECHNOLOGY PARTNERS, INC.

Ari Bixhorn
MICROSOFT

Thomas Eberhard
INFOLINK & CPU

Ken Getz
MCW TECHNOLOGIES

Billy Hollis
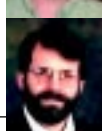MICROSOFT

Marnie Hutcheson
IDEVA

Michael Kaplan
TRIGEMINAL SOFTWARE

Don Kiely
THIRD SECTOR TECHNOLOGIES

Nickolas Landry
INDEPENDENT CONSULTANT

Rockford Lhotka
BORN

Paul Litwin
LITWIN CONSULTING

Ken Spencer
32X TECH CORPORATION

ASP.NET GENERAL

ASP.NET INTRODUCTION

ASP.NET encompasses new and powerful technology for building Web applications. Get a high-level overview of how all the pieces fit together. Learn about concepts such as WebForms, and Web Services, as well as some of the new ASP.NET innovations with user controls, security, and output caching.

MOVING TO ASP.NET

So you want to move to ASP.NET, but don't know where to start? This session transforms a simple ASP site into an ASP.NET site and in doing so shows you a way into ASP.NET.

MIGRATING TO ASP.NET: THE ASP ALLIANCE ADVERTISING ENGINE CASE STUDY

Because ASP.NET was still only in Beta 1 when the ASP Alliance advertising engine was written, I chose to write it in Classic ASP with every intention of porting it to .NET once Beta 2 was released. In this session, we will examine this real life case to determine what things went well and how things might have been done differently to better facilitate the transition to .NET. Examples will use VB/VBScript and C#.

ASP.NET PERFORMANCE BEST PRACTICES

This session will discuss best practices for building and deploying large-scale ASP.NET applications.

ASP.NET TIPS AND TRICKS

See demonstrations of a variety of useful techniques and approaches that can be leveraged to help build powerful ASP.NET Web applications and Web Services. Learn about: debugging, tracing, event logging, performance counters, error handling, Web form session state, sending email from, file upload and others.

DEBUGGING ASP.NET APPLICATIONS AND SERVICES

In the past, debugging ASP web applications has been a long and tedious process. ASP.NET introduces several new tools to help ease the debugging process. This talk will cover these new tools, as well as offer best practices and techniques for debugging ASP.NET web applications.

CREATING WINDOWS-QUALITY WEB APPLICATIONS

Web Applications are common today. High-quality Web Applications aren't. When comparing Windows Applications to Web Applications, the later have the upper hand as far as availability and reach goes, but Windows Applications provide much richer and more powerful interfaces. Although it is easier to create high-end interfaces in Windows, it is now possible to create similar interfaces using ASP.NET. After attending this session, you won't be able to write a web-based word processor or desktop publishing system, but you will be able to create business applications that are equal in functionality to your Windows-based business apps.

SEPARATING HTML FROM CODE IN ASP.NET

ASP.NET provides a level of separation between tags and code. With proper design and practices you can achieve total separation, allowing an HTML designer to work on one set of files, while VB or C# developers work on another, complimentary, set of files. In this session you'll explore the design and development requirements necessary to achieve total separation of tags from code.

STATE MAINTENANCE: HANDLING STATE IN ASP.NET

Maintaining state in ASP was always a hot topic. The default method relied on the cookie mechanism, and it was not scalable across web farms. This has changed in ASP.NET. Learn how state can be handled automatically in ASP.NET, how it can scale across web farms, and why cookies are no longer needed. Learn what state maintenance can mean for the performance and scalability of your ASP.NET applications.

WEB FORMS & CONTROLS

ASP.NET WEB FORMS 1

This is not your daddy's Active Server Pages. Control-based encapsulation, clean separation of code from HTML, strongly-typed, compiled languages and event-based page processing will radically change the way you develop UI for server-based Web applications. This session covers ASP.NT Web Forms from the ground

up: ASP.NET syntax, page directives, page processing, control processing, post back, and a comprehensive look at controls: control families, intrinsic controls, list controls, rich controls, and mobile controls. Finally, we'll look at declarative user controls.

ASP.NET WEB FORMS 2

Complete the introduction to ASP.NET Web Forms with a look at Web Forms data binding: using ADO.NET in an ASP.NET page, simple data binding to lists, and data binding to rich controls like DataList. Learn about modifying the appearance of the controls using declarative templates and command bubbling. Explore form validation, page-level tracing and how to target pages to uplevel clients.

VALIDATING DATA USING THE ASP.NET VALIDATOR CONTROLS

ASP.NET includes a set of controls you can use to validate your Web form data. Attend this session to learn how to use the Validation controls from your ASP.NET applications. You'll look at how the controls work and the server-side and client-side validation code they produce. You'll also learn how to work with the Validation controls object model and how to customize the display of validation errors.

USING THE ASP.NET LIST CONTROLS

Rather than using tables and binding data yourself, ASP.NET makes it easy for you to create repeated, table-like displays using its list-bound controls. You can take advantage of the Repeater, DataList, and DataGrid controls to create rich bound displays. In addition, all these controls render HTML, so they can be used with any browser. Learn how these important controls work, how to bind them to data, how to work with templates for managing their display, and how to work with events associated with these controls.

DESIGNING WEB APPS WITH ASP.NET USER CONTROLS

ASP.NET offers the ability to encapsulate UI and logic in declarative code blocks called User Controls. In this session you'll learn how to create ASP.NET User Controls and how to use them as basic building blocks to design robust web applications that are easy to support and maintain. You'll also learn the difference between User Controls and Custom Controls and when to use each one.

BUILDING ASP.NET SERVER CONTROLS 1

ASP.NET provides a rich set of server controls. But when you need features not included in the basic set, you need to create your own. This session begins the explanation of how to create your own custom ASP.NET server controls.

BUILDING ASP.NET SERVER CONTROLS 2

ASP.NET provides a rich set of server controls. But when you need features not included in the basic set, you need to create your own. This session continues the explanation of how to create your own custom ASP.NET server controls.

USE TEMPLATED COLUMNS FOR AD-HOC .NET DATA REPORTING

DataGrid controls let you specify column information and styles in a variety of ways and through a number of predefined properties. When none of them works great for you, it's about time to consider writing the template yourself. In this way, you can use any sort of controls and HTML code to render any cell in a given column. In this talk, you'll see how to retrieve values from custom controls, how to use templates for advanced and real-world in-place editing, and how to render in more effective ways a wide range of common data types.

BUILDING AND USING ADVANCED ASP.NET WEB CONTROLS

ASP.NET introduces advanced object oriented features into the world of Web Development. All ASP pages are based on Web Controls. The initial set of Web Controls is provided by Microsoft as part of the ASP.NET package. However, ASP.NET allows for relatively easy and straightforward extension of the Web Controls model. This session teaches how to build and use Web Controls using Visual Basic.NET and C# code.

USING WINDOWS FORMS CONTROLS IN ASP.NET

ASP.NET relies heavily on the use of server-side web controls. If you are building web applications targeted at clients running .NET you can also make use of Windows Forms controls. These controls run in the browser, providing the user with a richer experience. In this session you'll see how to build Windows Forms controls and use them in your web applications.

OOP AND COMPONENTS

APPLYING OBJECT ORIENTED PRINCIPLES AND DESIGN PATTERNS TO WEB DEVELOPMENT

ASP.NET moves the web developer from procedural and object-based development into a true object-oriented environment. This opens the door to powerful mechanisms and methodologies such as Inheritance, Encapsulation and Object Oriented Design Patterns. Not only are those mechanisms powerful, but they are also straightforward to master once you get over the initial learning curve. This session provides the know-how to utilize those new possibilities to their fullest extent.

BUILDING BUSINESS COMPONENTS IN C#

Although the .NET framework presents us with many changes for how we develop applications, the fundamentals of N-tier development remain unchanged. The middle-tier — the business components — remains the most critical piece in the scalable application puzzle. In this presentation we will look at some best practices for developing scalable business components using C# (although much of the discussion will apply to any language).

BUILDING BUSINESS COMPONENTS IN VB.NET

Your business rules are implemented through well designed business objects. In this session you will learn how to employ the .NET framework and VB.NET to build your custom business objects. These objects may be invoked from your ASP.NET applications or remotely through a Web Service.

DESIGNING WEB APPLICATIONS FOR ASP.NET

The .NET Framework brings a tremendous amount of power to the developer to the point where it is sometimes daunting to start. This session will show you how to properly design a new application that will be built using ASP.NET. You will learn about structuring your application into different layers and how to make sure the application performs as desired. You will also learn about .NET tools that make designing easy.

N-TIER DEVELOPMENT IN .NET

Most ASP developers are at least familiar with the standard tiered development approach to developing Internet applications. In this session, we will discuss techniques for building scalable application architectures in the .NET world, including how to separate functionality into different layers and how to take advantage of COM+ transactions with .NET. Examples will use primarily C#.

Microsoft® ASP.NET Connections

Register Early for **VB Connections** and attend the sessions of **Microsoft® ASP.NET Connections** for **Free!**

SPEAKERS, TOPICS, AND SESSIONS SUBJECT TO CHANGE WITHOUT NOTICE. CHECK WEB SITE FOR CURRENT INFORMATION.

Page 6

September 18-21, 2001
Walt Disney World Swan
Lake Buena Vista, FL **800-722-6344**
www.VBconnections.com

ASP.NET AND COM+ ENTERPRISE SERVICES

The .NET Framework's Enterprise Services provide features for the most demanding business applications, ranging from transactions to COM+ partitions. This session explains how to use these features with ASP.NET.

CREATING YOUR OWN SHAREPOINT SERVER WEB PARTS USING THE DIGITAL DASHBOARD FRAMEWORK

Microsoft's new Sharepoint Server quickly creates company wide portals by aggregating documents and information from a variety of sources in a digital dashboard framework. We take an in depth look at Sharepoint Server, what web parts are available out of the box and from third party vendors and finally how to create your own web parts to suit your own business needs.

WEB SERVICES

BUILDING WEB SERVICES

ASP.NET Web Services offer a powerful and easy model for building Web Services. This session will detail the steps needed to build and consume these services with ASP.NET.

EFFECTIVE WEB SERVICES PROGRAMMING

Although extremely powerful and attractive, Web services leave a number of points opened and yet unexplored. The key thing is that they require a roundtrip for each call. In this talk, we'll analyze a few techniques to lower the impact of this architectural feature. In particular, you'll hear about asynchronous calls, batch calls and mobile code.

ADVANCED WEB SERVICES USING ASP.NET

Explore some of the more advanced areas of ASP.NET Web Services. Examine topics such as SOAP headers, and Security. Look at the Soap Extension classes supported by ASP.NET Web Services for extending the base functionality.

WALK THROUGHS

APPLICATION WALK THROUGH OF THE IBUYSPY PORTAL

www.IBuySpy.com is a Web site comprised of several developer solution kits which are scenario-focused, real world samples that demonstrate best practices for creating ASP.NET applications. See a walk-through of the portal sample pointing out best practices and performance enhancing designs.

APPLICATION WALK THROUGH OF THE IBUYSPY STOREFRONT

www.IBuySpy.com is a Web site comprised of several developer solution kits which are scenario-focused, real world samples that demonstrate best practices for creating ASP.NET applications. See a walk-through the Storefront and Subscription samples to point out best practices and performance enhancing designs.

.NET FRAMEWORK

ASP.NET HTTP RUNTIME

The Http Runtime is the core of ASP.NET, providing the low-level mechanism for extending ASP.NET. This talk describes how it works and how you can extend it.

CREATING YOUR OWN HTTP HANDLERS AND MODULES

The ASP.NET HTTP Runtime is the base-level kernel for processing ASPX requests. In this session you'll learn how you enhance and extend the HTTP runtime without resorting to complicated and difficult ISAPI Filters and Extensions. You'll learn how to create HTTP Modules and Handlers; you'll learn how to use the more than 15 available events in the new GLOBAL.ASAX file; and you'll even learn how to create your own implementation of the runtime in a stand-alone EXE.

INSIDE THE CLR

Take a look under the hood of the Common Language Runtime (CLR) environment in ASP.NET. We'll see how C#, VB.NET and even C++ compilers create a new intermediate language (IL) assembler and how this runs within the CLR. We'll look at the tools and techniques for getting the most out of the CLR and ASP.NET.

USING THE SYSTEM.SOCKETS CLASSES

Do you have an Internet-enabled application that you're looking to extend with the .NET Frameworks? In this session, we'll look at the System.Sockets classes, how to use them step-by-step, how to create a Web Service with them, and how to design your ASP.NET site with their help.

JSCRIPT.NET

BOOST YOUR LEGACY SCRIPT CODE WITH JSCRIPT.NET

Far from being the least known of the current .NET languages, JScript.NET is a well-balanced language where new platform-specific features have been wedded to legacy syntax. A number of new directives make it easy to give a real boost to you existing code while allowing time for a more thoughtful and sensible migration.

DATA & XML

MAKING SENSE OF ADO.NET

ADO.NET represents a large, and at first confusing, shift from the database-centric ActiveX Data Objects (ADO) model of classic ASP and Visual Studio 6.0. In this session, you'll examine the ADO.NET object model and learn how it differs from the ADO object model. You'll learn that the objects in ADO.NET boil down to data container objects (DataSet, DataTable, and DataView) and database connectivity objects (Connection, Command, DataReader, and DataAdapter).

MOVING YOUR ADO CODE TO ADO.NET

Perhaps one of the most significant changes you will face with .NET is the move from ADO to ADO.NET. ADO.NET not only uses new objects, it uses a disconnected paradigm. While ADO can create disconnected recordsets, the default behavior is to maintain a connection to the database. Learn how to effectively create disconnected database applications and how to handle concurrency issues. See when your ADO should be moved to ADO.NET, and why you might want to maintain ADO code in some circumstances.

DATA CACHING IN ASP.NET

Data caching is one of the most under-utilized and misunderstood techniques in web development today. ASP.NET includes a rich caching model that drastically reduces the effort necessary to implement data caching. This talk will focus on how to implement data caching in ASP.NET.

ASP.NET XML ACCESS

This session will look at how to effectively use XML in ASP.NET. Some of the subjects discussed will be XML databinding, using the XML control and storing information in XML (configuration) files.

UPDATING DATA SOURCES WITH ADO.NET

ADO.NET dramatically improves the batch update mechanism available in ADO. Let's see how it works the default way and how to do more complicated things like targeting non SQL providers, update cross-referenced tables and use stored procedures in place of standard SQL statements.

CONFIGURATION & DEPLOYMENT

ASP.NET CONFIGURATION AND DEPLOYMENT

Configuring and deploying applications with ASP.NET is quite a different experience from ASP. All configuration is now done through an XML configuration file and components can be deployed without starting and stopping the server. This session focuses on some of the new and advanced configuration options supported by ASP.NET.

ASP.NET SECURITY

Don't miss this introduction to building secure Web applications using the services provided by ASP.NET. Explore authentication, authorization, and impersonation services provided for ASP.NET applications. In addition to describing how to integrate ASP.NET applications with IIS authentication, see an introduction to the new Forms-based cookie authentication services provided by ASP.NET and learn how to use role-based authorization.

REMOTE SOURCE CODE INTEGRATION OPTIONS WITH ASP.NET AND THIRD-PARTY TOOLS

In this session you'll learn how to integrate Visual Source Safe source code control into your ASP.NET editing environment. You'll learn which third party editors support VSS integration and how to configure your web server to support VSS integration. You'll also learn how to perform remote VSS services using third-party tools such as Source Off Site and SourceWeb.

MOBILE APPLICATIONS

DEVELOPING WAP APPLICATIONS WITH THE .NET MOBILE WEB SDK AND VS.NET

Wireless applications are quickly becoming an important part of the enterprise and consumer services. Dynamically generating the wireless application with various technologies allows a targeted experience for each user and device type. This session looks at Microsoft's .NET Mobile Web SDK as a platform for delivering wireless applications that are dynamically targeted to wireless devices. We will look at the VS.NET development environment including the use of Mobile Controls. We will then look at platform requirements, the runtime environment and methods of application deployment. Finally we will look at some of the advantages and disadvantages of using this platform for the delivery of wireless applications.

OVERVIEW OF MICROSOFT'S MOBILE INFORMATION 2001 SERVER

Microsoft's Mobile Information 2001 Server (MMIS) is wireless middleware that allows mobile access to corporate Exchange and other enterprise applications. MMIS version 1 is currently available will be an essential part of Microsoft based enterprise infrastructure and the deployment of enterprise wireless applications. This session gives an introduction to MMIS, wireless considerations and dependant infrastructure. We will look at MMIS features; security, architecture and deployment. MIS administration, Outlook Mobile Access (OMA) and Intranet Browse will also be demonstrated. Finally, we will investigate how any WAP application including those developed with the .NET Mobile Web SDK could be deployed with MMIS.

ASP.NET FUTURE

ASP.NET, THE NEXT GENERATION

In this session, Microsoft will show us what it has cooking in the ASP.NET lab. They can't tell us anything else about this session yet, except that it's not to be missed.

ASP CLASSIC

DEBUGGING TRADITIONAL ASP APPLICATIONS AND SERVICES

While many developers will be moving on to ASP.NET, there is still a lot of traditional ASP code out there. This session will focus on how to track down and eliminate bugs in traditional ASP web applications using existing tools.

SECURITY FOR YOUR WEB APPLICATIONS

When it comes to developing web applications, most people stress about how to break up functionality across the ASPs and COM+ components, the look and feel of the application, and how to squeeze the maximum performance out the application. What most people forget, unfortunately, is security. This session will examine the issues and show you how to best secure your ASP applications.

BUILDING XML AWARE DHTML CONTROLS

IE 5 applications are replacing conventional client/server enterprise applications. Deploying Windows applications to thousands of networked computers does not make sense. Building an IE 5 application that provide access to the latest application version is often the most elegant solution. Your IE 5 forms should communicate with controls using XML. In this session we will take a look at how you can build reusable GUI components (.htc) that employ XML for input and output. Your DHTML controls can exhibit similar behavior as an OCX written in VB. They can expose methods, properties, and events. Since they are written in JavaScript using DHTML and XMLDOM they can be distributed transparently when a user visits your HTML page.

WORK WITH XML DATA DIRECTLY FROM SQL SERVER

SQL Server 2000 introduced some powerful techniques built on XML for accessing data in a cross-platform format. You can retrieve data in a native XML format, customize the format however your application needs it, and even update existing relational data using XML data. The result is a much more flexible Web application that can send data to any client and receive data from any platform. During this session, we'll explore the extensions to Transact SQL, HTTP features, and ASP extensions built into SQL Server that can provide all these benefits to an ASP application.

Pre-Conference Workshops

ASP.NET Jump Start
September 18, TUESDAY, 9am-4pm
MIKE AMUNDSEN AND PAUL LITWIN

In this fast-paced, full-day workshop you'll learn everything you need to know to get started building robust, scalable, data-driven ASP.NET Web applications. The workshop will begin with an explanation of .NET and the various pieces that make up ASP.NET and the .NET Framework. You'll learn about the changes to the Visual Basic language, and how to separate code from content. You'll explore the .NET Framework system classes that you can employ in your ASP.NET applications. You'll dig into creating Web pages using ASP.NET controls, learning about the HTML and Web Server controls, including list controls and the validation controls. You'll investigate the exciting new world of Web Services and learn how to both build and consume Web Services using ASP.NET. You'll learn how to integrate data into your ASP.NET applications using ADO.NET and XML and explore ASP.NET support for data binding. Finally, you'll learn how to easily trace, debug, configure, and deploy your ASP.NET applications. **All examples will be created using the Visual Basic.NET language.** However, the presenters will not be using the Visual Studio.NET integrated development environment. Everything learned in the class will be applicable to development using the tool of your choice, whether that is Visual Studio.NET, a third-party editor, or Notepad. All database examples will employ Microsoft SQL Server 2000. **PREREQUISITES:** Attendees should be familiar with HTML, client and server scripting services. Knowledge of SQL and Visual Basic or some other programming language is also helpful. Previous experience with Active Server Pages development is helpful but not required.

Create a Visual Studio .NET Application in a Day
September 18, TUESDAY, 9am-4pm
KEN GETZ

The .NET platform provides a number of different opportunities for distributed application development. From Web Services, ADO.NET, ASP.NET, to Windows Forms, and COM interoperability, .NET development has lots of facets. In this workshop, you'll see an application built from the ground up, taking advantage of many of the .NET features, with explanations of the features, and the application, as it's built. By the end of the day, you'll have a working application to which you can add your own functionality, and you'll have a good grasp of much of the excitement surrounding Visual Studio.NET and its associated technologies. **Examples will be presented using the Visual Basic.NET language.**

ADO.NET Jump Start
September 18, TUESDAY, 9am-4pm
DINO ESPOSITO

ADO.NET is not just yet another data access layer introduced by Microsoft. Instead, it represents the foundation of data-driven .NET applications. If you opt for .NET as the platform, then the best thing you can do when it comes to data access is to use ADO.NET. This poses a number of issues. First and foremost, what's the matter with existing ADO code? You can figure out ways to import and leave it, more or less, as-is. Is this the most effective approach though? In this full day seminar, you'll hear about the rationale behind the transition from ADO to ADO.NET and how to set up a successful migration plan for today's n-tier systems. Next, you'll receive an in-depth exposure to the ADO.NET object and programming model. You'll become familiar with programming entities such as DataSet, DataReader, adapters, managed providers and learn how to accomplish fetch and update operations with ADO.NET. One of the key changes in ADO.NET is the unprecedented tight integration with XML that helps considerably to solve interoperability issues and plays a significant role in the building of disconnected and highly scalable Web solutions. ADO.NET also boasts a superb capability to interact with ASP.NET data-bound server controls. By exploiting this, you can easily arrange ad-hoc and extremely user-friendly reports and grids. No matter which of the various .NET application models you choose, Windows Forms, Web Forms or Web Services, as long as there's some data to manipulate, you'll need to know how to properly manage ADO.NET classes. **Examples will be presented using the C# language.**

SQL Server 2000, ADO, XML, and You!
September 18, TUESDAY, 1pm-4pm
DON JONES

This 3-hour session introduces you to all the great XML features in SQL Server 2000, including native XML queries, HTTP-based queries returning XML results, XML update grams, XML bulk load, and more. The session quickly moves into real-world applications for these features, showing you how to build a SQL-backed Web site that exchanges data via XML, stream XML across the Web, and much more. You'll also learn how to use ActiveX Data Object's native XML capabilities in conjunction with SQL Server 2000 to build robust, Web-and-data enabled applications. You'll go home prepared to leverage XML and SQL Server 2000 in your own mission-critical applications!

Post-Conference Workshops

Smart and Effective ASP.NET Coding
September 22, SATURDAY, 9am-4pm
DINO ESPOSITO

Although the .NET Framework comes as an extremely elegant, slim and powerful hierarchy of classes, as the project complexity grows you soon end up writing rather complex Web pages with sophisticated and interoperable data controls. When the complexity of any software component grows beyond a reasonable threshold, reusability and encapsulation become serious issues. In ASP.NET, the demand of reusable code finds three possible answers: code-behind, user controls, and custom server-side controls. The overlap between these techniques is very minimal and each of them has a clear and distinct area of application. The workshop is aimed to illustrate when to use which and what is the added value that each of them has to offer. You'll see that code-behind is a rather simple technique mostly targeted to separate ASP.NET code from the page layout. While you could build a hierarchy of pages where inheritance plays a key role without it, code-behind best enables different teams to work on the same page at the same time. User controls (or pagelets) are the .NET counterpart of VB/ATL composite ActiveX controls. They are programmable components made of a mix of code and layout. They are processed like self-contained, programmable, embedded pages. User controls are not a neat object-oriented solution, but they certainly represent a tremendous opportunity to reuse standard pieces of code-driven UI (e.g., special forms or tables.) Finally, custom controls are the typical object-oriented solution that maximizes code reusability. You can build new controls from scratch or by inheriting from existing ones. Internally, you can hook up for special load/unload events and control the rendering process. A combined and savvy use of these three techniques can only improve the quality of your ASP.NET and save you valuable development time. **Examples will be presented in the Visual Basic.NET language.**

HANDS-ON C#!: Building .NET Components
September 22, SATURDAY, 9am-4pm
RICHARD HALE SHAW

In this HANDS-ON session, you'll work exercises and learn first-hand to build and debug .NET applications and components with C# on your own Windows 2000 laptop. You should be fluent in C++ (no hand-holding here!) but you do not need previous experience with C#. We'll start with simple C# components and programs, and then put them together to build small n-tier applications. You'll learn how to use C# in both client and server components. We'll show how C# can be used to separate the public interface from the private implementation, and we'll build WinForm front-ends applications that will invoke your C# components. We'll also create C# components that can invoke COM components (and vice-versa!). We'll explore the use of custom attributes, delegates, events, and how to generate XML-based documentation. If we have time, we'll also try out threading and collections. **PREREQUISITES:** You should be fluent in C++ (preferably Visual C++); experience with COM and ATL helpful. You do NOT need previous experience with C#. WHAT YOU SHOULD BRING: A laptop machine with the latest beta (beta 1 or later) of the .NET Framework and Visual Studio .NET, running Windows 2000 (Professional or higher) with 200+ MB RAM and a 300+ mhz processor. Please install and configure before you arrive (we cannot use class time to debug installation problems!).

SPEAKERS, TOPICS, AND SESSIONS SUBJECT TO CHANGE WITHOUT NOTICE. CHECK WEB SITE FOR CURRENT INFORMATION.

Page 8

September 18-21, 2001
Walt Disney World Swan
Lake Buena Vista, FL   **800-722-6344**
www.VBconnections.com

Microsoft®

Visual C++.NET and Visual C#.NET comprise the newest and most exciting Microsoft tool offerings ever for C and C++ developers. Visual C# is the brand new member of this family, and is designed to give C++ evelopers a robust and modern RAD environment that retains the power and flexibility of the language syntax they know and love. Using these languages, and the technologies that ship with them, developers can create both native and managed XML Web services, and next-generation Web and Windows applications, all with the raw power and flexibility offered by C++ and C#.

NICK HODAPP
Product Manager, Visual C++ and C#
Microsoft

Sample Session Topics

.NET
- What's new in the VS.NET IDE
- Extending the VS.NET IDE with Addins, Macros
- .NET CLR
- .NET Application Profiling
- .NET Garbage Collection
- .NET Debugging
- Developing solutions for handheld and wireless devices using C#/C++
- Globalization with C++, C# and .NET
- Programming XML in VC++, C# (includes MSXML, System.XML)
- SOAP
- Xpath
- XSLT
- Open Source C++ Development (Developing code, the Web, and You)

C#
- Introducing MC++
- MC++ Interop
- Introducing C#, for the C++ Programmer
- Advanced C#
- Component Programming in C#
- Windows Forms and C#
- Custom WebForm Controls in C#
- .NET XML Web Services and C#
- .NET Eventing and C#
- ASP.NET and C#
- ADO.NET and C#
- Bringing .NET to Mobile Devices
- Data Structures in the .NET Framework in C#
- C#/WinForms: the new MFC
- Creating .NET Web Services in C#
- NET Enterprise Services for COM+ Programmers

NATIVE C++
- What's new in VC++ .NET
- What's new in VC++ Native Libraries (ATL/MFC/STL)
- Native Development in VC++ .NET
- VC++ Attributes
- Introducing ATL Server
- Building Web Services with ATL Server
- Write Windows XP Logo Apps in VC++.NET
- 64-bit Development in VC++
- OLEDB
- NT Services
- Shipping High Performance Applications
- Shipping Lean Applications
- Reverse Engineering Techniques
- 32/64bit Portability
- Power Debugging in VC++
- Write Thread-Pooled W2K Apps in VC++
- Building Distributed, Asynchronous COM+/.NET Components, Part 1
- Building Distributed, Asynchronous COM+/.NET Components, Part 2

Please check web site for updates on speakers and topics. Sessions subject to change without notice. Any additions or deletions will be posted on web site.

www.VC-connections.com

Airline

Both Delta and United are offering discounted fares for Connections attendees. Please refer to the code numbers of the airlines when booking. Delta Airlines is offering a 10% Discount on the lowest applicable domestic fare for those who purchase their tickets 60 days prior to departure. Call Delta Meeting Network directly at 800-241-6760 and mention File #172626A. United Airlines is offering special discounted fares. Call United directly at (800) 521-4041 for reservations and mention Meeting Code #594XF to receive your discount.

Car Rental

Hertz is offering auto rental discounts to attendees. Call the Hertz Meeting Desk at (800) 654-2240 for reservations and refer to code CV #010R0010 to receive your attendee discount.

Airport Shuttle

Shuttle transportation between the Orlando Airport and the **Walt Disney World Swan** is available 24 hours a day from Mears Motor Shuttle. You can call (407) 843-2404 for shuttle rates and schedules.

Attire

We want you to be comfortable at Connections 2001 and attire is always casual. Bring along a sweater or jacket for those chilly nights and cool classrooms.

Camp Dolphin

The **Walt Disney World Swan** offers camp activities for children 4-12 at the WALT DISNEY WORLD DOLPHIN Hotel. They have a Day Camp from 1:00 pm - 4:30 pm, and a Dinner Camp from 6:00 pm - 11:00 pm. Call the Camp at (407) 934-4241 for complete details. (Conference sessions are for adults only).

Extend Your Stay

Come early or stay late. Bring the family! You are in the land of fantasy for children of all ages. **Walt Disney World - Magic Kingdom**® Park, **Disney-MGM Studios, Epcot**® **and Disney's Animal Kingdom**® Theme Park. In addition, explore Kennedy Space Center and Universal Studios Theme Park, or take a short drive to beautiful white sand Atlantic Beaches.

Walt Disney World Swan
Lake Buena Vista, FL

Hotel Accomodations

The **Walt Disney World Swan**, 1200 Epcot Resorts Blvd., Lake Buena Vista, FL. 32830, is the conference site and host hotel. SPACE IS LIMITED so reserve your room early by calling the conference hotline at 800-811-3486 or 203-268-3204.

PASS Partners with SQL Connections
- Unparalleled SQL Server Solutions!

PASS 2001 North America and SQL Connections have partnered to deliver more SQL Server education than any other event. In 110+ technical sessions on today's solutions and tomorrow's ideas, this partnership is designed to increase your SQL Server resources, product knowledge and provide you with peer-to-peer networking that is crucial to overcoming today's technical issues. Plus, benefit from innovative ideas on SQL Server 2000 that will keep you ahead of the learning curve and marketplace!

PASS + SQL CONNECTIONS =
PASS 2001 NORTH AMERICA

PASS
PROFESSIONAL ASSOCIATION
FOR SQL SERVER
www.sqlpass.org

SQL Connections 2001™

With your VB Conference registration you may purchase a pass to Thursday, Sept. 20 and Friday, Sept. 21 PASS 2001 Conference sessions for an additional $199 (includes 1 yr. membership to the PASS Organization.)

For details on sessions check out www.sqlpass.org.

EVERY
Microsoft®
VB Connections
attendee receives:

THE LATEST BETA VERSION OF:

Microsoft®
Visual Studio.net

A ONE YEAR SUBSCRIPTION TO:

msdn magazine

A ONE YEAR SUBSCRIPTION TO:

SQL SERVER magazine

ALSO
- Canvas Bag ■ Conference T-Shirt
- Welcome Reception ■ Expo/Lab
- Three Continental Breakfasts & Lunches
- VB Connections Parties
- Conference Proceedings Book and Resource CD

NAME

PRIORITY CODE

COMPANY

TITLE

STREET ADDRESS (REQUIRED TO SHIP MATERIALS)

CITY, STATE, POSTAL CODE

COUNTRY

TELEPHONE   FAX

EMAIL ADDRESS (IMPORTANT)

REGISTRATION • SEPTEMBER 18-21, 2001

❏ VB Connections 2001 .... before AUG 15 • $1195 _____   after AUG 15 • $1295 _____

> **EARLY REGISTRATION gets you a FREE PASS to the concurrently running Microsoft® ASP.NET and VC++, C# Connections conference sessions!**

❏ PASS 2001 North America *see page 10 for details* .... $199 _____
  You may purchase a pass to SQL sessions (Thursday, 9/20 and Friday, 9/21 ONLY) for this additional fee. Offer valid only with full VB Connections registration.

PRE-CONFERENCE WORKSHOPS • SEPTEMBER 18, 2001

❏ ASP.NET Jump Start 9am-4pm session .... $359 _____
❏ Create a Visual Studio .NET Application in a Day 9am-4pm session .... $359 _____
❏ ADO.NET Jump Start 9am-4pm session .... $359 _____
❏ SQL Server 2000, ADO, XML, and You! 1pm-4pm session .... $169 _____

POST-CONFERENCE WORKSHOPS • SEPTEMBER 22, 2001 • 9am-4pm sessions

❏ Smart and Effective ASP.NET Coding includes lunch .... $359 _____
❏ HANDS-ON C#!: Building .NET Components includes lunch .... $359 _____

CONFERENCE MATERIALS   Conference registration includes materials for VB Connections; you may purchase materials for the other concurrently run events.

❏ VC++ and C# Connections Proceedings Book and CD-ROM .... $99 _____
❏ Microsoft® ASP.NET Connections Proceedings Book and CD-ROM .... $99 _____

PAYMENT   TOTAL REGISTRATION FEE

❏ **CHECK** (payable to VB Connections)
   All payments must be in US Currency. Checks must be drawn on a US bank.

❏ **VISA**   ❏ **MASTERCARD**   ❏ **AMEX**

CREDIT CARD NO.

EXP. DATE

CARDHOLDER'S SIGNATURE   CARDHOLDER'S NAME (PRINT)

NOTES & POLICIES: The Conference Producers reserve the right to cancel the conference by refunding the registration fee. Producers can substitute speakers and topics and cancel sessions without notice or obligation. Updates will be posted on our web site at www.VBconnections.com. Tape recording, photography is not allowed at any session. Conference producers will be taking candid pictures of events and reserve the right to reproduce. By attending this conference, you agree to this policy. You may transfer this registration to a colleague. Please inform us if you have any special needs or dietary restrictions when you register. Registration fee includes a $25, one-year SQL Server Magazine subscription. **REGISTRATION & CANCELLATION POLICY:** Registrations are not confirmed until payment is received. Cancellations before August 15, 2001 must be received in writing & will be refunded minus a $75 processing fee. After August 15, 2001 cancellations & no-shows are liable for full registration fee, however registration can be transferred to the next Microsoft ASP Connections Conference within 12 months or to another person. Microsoft, Microsoft Access, Visual Basic, Microsoft SQL Server, Visual C++, Windows 2000 are either trademarks or registered trademarks of Microsoft Corporation. All other trademarks are the property of their owners.

Ways to Register

ONLINE: www.VBconnections.com

E-MAIL: vbinfo@VBconnections.com

PHONE: (800) 722-6344
            (203) 268-3204

FAX: (203) 261-3884

MAIL: VB Connections
c/o Tech Conferences, Inc.
731 Main Street, Suite D-3
Monroe, CT 06468

September 18-21, 2001
Walt Disney World Swan
Lake Buena Vista, FL **800-722-6344**
www.VBconnections.com

VB
connections

VISUAL BASIC DEVELOPER CONFERENCE

REGISTER EARLY and attend
ANY SESSIONS of the concurrently run
VISUAL STUDIO DEVELOPER CONFERENCES
Microsoft ASP.NET,
Visual C++ and C# Connections
for **FREE!**
Make the Connection!

Sponsored by:

Microsoft® **msdn** magazine **TECH Conferences Inc.** **SQL Server** magazine

Mailroom: If addressee is no longer here,
please route to MIS Manager or Training Director.