

Ready... Set... Visual Studio .NET

Track 1: .NET for C++ Programmers

Are you a C++ programmer looking to move to .NET?

Are you writing COM components using ATL?

Are you interested in the newest member of the C family of languages?

Do you want the convenient deployment of web-style applications with the power and ease of development of rich clients?

If so, then this track is for you!

What's New in ATL7

If you're an ATL programmer, then you'll want to learn about the enhancements to ATL7, the latest version of ATL that ships with VS.NET. Not only have they enhanced the COM component development story in ATL7 with new features like attribute-based programming, Microsoft has quadrupled the size of the library with a full-featured ISAPI extension and filter library for building scalable, flexible web applications, filters and web services.

Introduction to C# and Managed C++

As a C++ programmer, if you want to give up your templates and multiple-inheritance as well as your memory management nightmares, you'll be very interested in the language invented to program .NET: C#. However, if you want to keep your existing investment in un-managed code while taking advantage of the .NET framework as well as extending it, you'll want to know about Managed C++. In this talk, we'll see a whirlwind introduction to both.

The Wonder of Windows Forms

Are you interested in building applications with the ease of development that only an Alan Cooper-ish drag-n-drop visual design-time environment can bring, backed with the full power of the .NET framework, ATL and MFC, all rolled into one? If so, come to this talk to see forms, controls, anchoring, docking, applications, resources and data binding, along with a quick comparison of WinForms vs. MFC.

Deploying WinForms over the Web

HTML is great for deployment, but terrible at building rich application UIs. Learn how WinForms, the rich UI framework for .NET, can be used to enjoy the same zero-deployment model of HTML. Also learn how to deploy your WinForms applications in the lower security Intranet and Internet zones.

Track 2: Transitioning to Visual Basic .NET and ADO.NET

Are you a Visual Basic programmer thinking about moving to Visual Basic .NET?

Concerned about what it takes to upgrade from Visual Basic 6.0 to Visual Basic .NET?

Want to build the most powerful Visual Basic applications ever?

Tired of living with the pain of "DLL Hell"?

Want to know more about making data access more efficient?

Ever wonder "why another data access strategy?"

If so, then this track is for you!

Migrating Visual Basic Applications to Visual Basic .NET: Part 1

Look at the .NET Framework and the Visual Studio IDE (Integrated Development Environment). Explore some of the language differences between VB6 and VB.NET. Create a Windows Forms Application and interact with an XML Web Service. We'll demonstrate upgrading a VB6 Forms application to VB.NET and Windows Forms.

Migrating Visual Basic Applications to Visual Basic.NET: Part 2

Part 2 focuses on the key issues that VB6 developers face and the ways these issues are resolved in Visual Basic .NET. This includes deployment of apps, security and interoperability. Demos will illustrate tasks that were difficult if not impossible for developers using VB6, but that are now easy and possible in VB.NET.

ADO.NET Jumpstart

A 90-minute overview of ADO.NET designed for architects, developers, and their managers wishing to get a better understanding of where ADO.NET fits, what it can (and cannot) do, and what issues developers will face as they transition their skills and code to the .NET Framework.

ADO "Classic" to ADO.NET

This session is designed for developers considering transitioning code from COM-based ADO 'classic' (ADOC) into the .NET Framework. It explains the alternative techniques available and how Visual Studio .NET supports this migration. See how ADOC functions when executed within a .NET application.

Track 3: ASP.NET/Web Services

Are you interested in understanding what makes ASP.NET tick?

Have you contemplated the move from ASP to ASP.NET but want to know the details first?

Would you like to develop high performance web applications?

Have you heard all the hype about web services but aren't really sure if they're ready for prime time?

If so, then this track is for you!

.NET Framework: Shaken, not stirred, with a Twist of ASP.NET

This intense introductory session will dig into the nuts and bolts of ASP.NET and the .NET Framework. Come see exactly how the .NET Framework and ASP.NET work together; how ASP.NET connects into IIS, and grasp the fundamentals behind the new levels of stability and scalability ASP.NET offers. Also, expect to spend some time in directories you never knew existed!

XML Web Services: Behind the Music

This session will delve into the magic and mystery that is Web Services. Come watch as we go behind the music with packet sniffers, disassemblers and other tools of the trade as we strive to answer the question: exactly what makes XML Web Services tick?

ASP.NET and Web Service Security

This session will look at security options for securing ASP.NET Web Forms and Web Services and demonstrate several implementations.

ASP.NET Session State and Caching

Take a look at the changes that have made Session state your ally once again. This session will also look at the new caching features in ASP.NET and show you how to use them to increase performance.