

Speaker	Time	Room	Title	Abstract
Wolf Baeck	3PM	1521	SQL 2005 Partitioning	SQL Server 2005 partitioning support has improved significantly over what was available to us in SQL Server 2000. This talk and demonstration will explore what partitioning looks like in SQL Server 2005 and compare it to SQL Server 2000. We will also look into partitioning from a perspective of performance, scalability and manageability. The demonstration will include an example on how to use partitioning to keep data for a set of rolling periods in a manufacturing organization.
Rob Bagby	1PM	1607	REST WCF Part 1	As Service Oriented Architectures continue to take hold and the Software + Services strategy gains momentum, early evidence indicates growth in the implementation of RESTful architectures. Windows Communication Foundation 3.5 introduced the ability to implement services RESTful in nature. In Part 1 we introduce the concept of REST and cover some common development scenarios. These scenarios include consuming REST(ish) services via AJAX Clients, developing read/write HI-REST services and consuming REST services via Silverlight 2.
Rob Bagby	2PM	1607	REST WCF Part 2	As you move beyond simple REST scenarios you will encounter the need to implement more advanced capabilities. In the second session, we will build upon these scenarios covered in part 1, addressing some more advanced issues such as security, scalability and URI Mapping.
Craig Bernston	4PM	1603	Continuous Integration in .NET	Continuous Integration is a development practice where code changes are continuously checked in to source control and then automatically checked out, built, and tested. Whether you are a one person shop or have many developers, by using Continuous Integration, you will improve the quality of your software and increase your productivity. This session will show you how to use Continuous Integration in your daily development by integrating several free tools.

Jeff Certain	930AM	1521	Multi-threaded Programming	This talk will cover the basics of multi-threaded programming, beginning with hardware architecture and the OS features that give rise to concurrency issues. We'll look at a variety of the .NET mechanisms for threading, concentrating on BackgroundWorker. This talk will explore techniques for avoiding concurrency issues and race conditions, then move into a brief overview of the upcoming features of .NET 4.0 that support parallel programming (Task Parallel Library and Parallel LINQ).
Jeff Certain	12NOON	1521	Azure Storage and Computing	This talk will provide an introduction to Azure, including cloud storage, Azure services and SQL Server Data Services. The advantages, drawbacks and challenges of this technology will be explored using concrete scenarios of service creation and deployment.
Kevin Cox	930AM	1525	ETL World Record	
Kathleen Dollard	930AM	1207	New Language Features in .NET 3.5	With LINQ taking center stage, it can be hard to see beyond query expression to the other cool language features in .NET 3.5 This talk explores several supporting technologies and other features that are interesting in their own right. These include implicitly typed local variables, extension methods, lambda expressions, object initializers, anonymous types, implicitly typed arrays, and expression trees. While this talk will primarily focus on C#, Visual Basic parallels many of these features and I'll highlight a couple of key differences and special VB features. See how these new features fit into improving the code of your application.

Kathleen Dollard	4PM	1539	Code Generation 2008	After decades of evolution code generation is ready for an overhaul. New potentials arise as our increasing understanding of code generation converges with changes in Microsoft offerings. You'll learn core code generation principles that transcend all code generation tools. Building on this you'll get a dip into template languages seeing both T4 which is part of Visual Studio and VB9 XML literal templates in order to understand the strength of each approach. Once you understand how templates work, you'll dive into metadata – the part of the system that uniquely describes the specific application your building. You'll see two approaches to protecting handcrafted code on the .NET platform. And you'll see how to hook generation into your development process. The overall process of application generation has not matured and is rapidly changing – this talk doesn't promise silver bullets. Instead you'll leave with a good understanding of the latest code generation techniques and how you can fit them into your unique development environment.
Scott Golightly	1030AM	1521	Introduction to Azure	At the Professional Developers Conference (PDC) in October Microsoft announced Windows Azure. Windows Azure is the new platform for cloud computing from Microsoft. Azure uses HTTP, SOAP, REST, and XML to enable you to create services that run in the "cloud" and can be scaled out using servers in Microsoft's data centers. In this session we will examine the Azure Services Platform (Azure) and show how you can create services that will allow you to scale to a large number of users.
Scott Golightly	4PM	1607	A Lap Around "Oslo"	"Oslo" is Microsoft's new modeling platform. The "Oslo" modeling platform consists of a language, a visual designer, and a repository for storing information about the model. In this session we will look at each of these main areas of the "Oslo" platform and show how you can use them to create models that will speed your development.
Scott Hanselman	930AM	1130	ASP.NET MVC	Scott's trying to build a real-world app using ASP.NET. Let's look at some code, see what's worked, what's not, what's caused nightmares and what's caused nausea. This'll be more codes than slides, so come prepared to think."

Scott Hanselman	3PM	1130	WPF. What worked. What didn't.	Scott's helping a friend build an application for a large company you've heard of. He suggested ADO.NET Data Services, ASP.NET Dynamic Data and WPF. No cameras or video in this presentation as Scott walks through what worked, what didn't, in this no slides talk about a real application."
Leon Harris	3PM	1207	Windows Server® 2008: Virtualization	Microsoft® Hyper-V™ plays a key role at all levels of IT. Many of today's servers that require physical hardware can be installed, deployed, and managed as a virtual machine in an environment such as Microsoft Hyper-V. Microsoft Hyper-V offers benefits such as reduced operational cost, increased utilization of server hardware, and increased availability and reliability of services and applications.
Ben Hoelting	1PM	1207	Design Patterns For the Modern UX Choices	In today's world an architect has many different choices for the UX (User Experience) layer. The UX can be ASP.NET, Silverlight, WinForms or mobile not to mention all the choices other technologies provide. In fact most projects require a combination of these UX choices in order to meet the needs of different types of users. There are some design patterns that can help separate the backend logic from the UX and allow the backend to be used by multiple front ends. In this session we will run down some of these patterns including MVC (Model View Controller), MVP (Model View Presenter) and MVVP (Model View - View Presenter).

Ben Hoelting	2PM	1130	LINQ: Entity Framework Developer VS SQL DBA	<p>LINQ data access technologies dramatically changes the way we build applications. It moves many of the operations that we used to do in Stored Procedures back to the code in the applications. As a developer this sounds pretty good and the benefits are endless. As a DBA this scares me and raises concerns related to security, maintenance and performance. In this session we will try to find a happy medium where developers get to use LINQ and DBAs still have the control they need over the data to do their jobs effectively. We will start out by looking at the two technologies that use LINQ; LINQ to SQL and The ADO.NET Entity Framework. We will discuss the benefits and the pros and cons of these technologies. Then we will bring in the DBA. The DBA will run some profiles so we can see the TSQL code generated to perform these LINQ queries. Then the DBA will lock down the DB like any normal DBA would and see how that affects the LINQ connectivity. Finally, if the Developer and the DBA have not killed each other yet, we will work towards a solution that works for both.</p>
Tim Huckaby	930AM	1539	WPF Data Visualisation	<p>This session will be heavily demo focused to accentuate how the power of the Windows Presentation Foundation (WPF) can be used to visualize data. WPF is the next-generation presentation sub-system for Windows. It provides developers and designers with a unified programming model for building rich Windows smart client user experiences that incorporate UI, media, and documents. WPF uses vector based graphics rendering, which results in better graphics and presentation for an application. WPF also has other features such as layout, styling, and data binding, which, when you mix with interactivity, enables scenarios such as interactive data visualization. When you put all this together, you have a unified API for various presentation components, such as 2D and 3D documents and declarative programming through XAML, which is a powerful platform for data visualization that can be used to really “light-up” you enterprise applications. WPF is manifested in 3 major application platforms (Windows Client, Silverlight & Microsoft Surface) and all will be covered in this session at some level.</p>

Tim Huckaby	1PM	1130	Jump into WPF	In this session you'll learn how to use Visual Studio to help build WPF applications, of course. But, also in this session you'll learn a number of tools you will use to build WPF applications. This is a rare place in the .NET stack where VS doesn't do it all. In fact, it doesn't even come close. So, in this session you'll learn a number of tools you will be using like tools from the Expression Suite and some XAML design, syntax and rendering tools.
Eric Johnson	12NOON	1607	SSIS	SQL Server Integration Services (SSIS) is the extraction, transform, and load (ETL) tool in SQL Server. SSIS replaces and improves upon Distributed Transaction Services (DTS) from previous version. Now a truly powerful enterprise level ETL tool is available with SQL Server. SSIS provides graphical tools for designing, building, and debugging SSIS packages. This presentation will provide an overview of SSIS and a look into the many functions for merging, cleaning, and aggregating data.
Eric Johnson	2PM	1130	LINQ: Entity Framework Developer VS SQL DBA	LINQ data access technologies dramatically changes the way we build applications. It moves many of the operations that we used to do in Stored Procedures back to the code in the applications. As a developer this sounds pretty good and the benefits are endless. As a DBA this scares me and raises concerns related to security, maintenance and performance. In this session we will try to find a happy medium where developers get to use LINQ and DBAs still have the control they need over the data to do their jobs effectively. We will start out by looking at the two technologies that use LINQ; LINQ to SQL and The ADO.NET Entity Framework. We will discuss the benefits and the pros and cons of these technologies. Then we will bring in the DBA. The DBA will run some profiles so we can see the TSQL code generated to perform these LINQ queries. Then the DBA will lock down the DB like any normal DBA would and see how that affects the LINQ connectivity. Finally, if the Developer and the DBA have not killed each other yet, we will work towards a solution that works for both.

Arie Jones	1030AM	1603	Reporting Services 2008 Unleashed!	With the release of SQL Server 2008 this year Microsoft also releases its flagship reporting system piece, SQL Server Reporting Services, with more of the oh so delightful reporting features we have been craving. Come see not only some of the new features that are available but also how to programmatically interface with the Reporting Services web services in order to extend your own custom applications!
Arie Jones	3PM	1603	ASP.NET Dynamic Data	Ever wish that you could give ASP.NET a data model and have it create a full blown web application in less than an hour? Well, Microsoft has given everyone another head turner with the release of Visual Studio 2008 Sp1. Included is the bright and shiny Dynamic Data Pages implementation with all of lovely bells and whistles that we have been waiting for. This talk will focus on getting you into the game of programming your own Dynamic Data Pages with areas of interest like scaffolding and customizations. Don't just settle on the out of the box functionality! Learn how to really incorporate this tool into your own development environment to save you both time and money!
Arie Jones	4PM	1207	ADO.NET Entity Framework	The ADO.NET Entity Framework is a new Object Relational Mapping(ORM) technology that allows a layer of abstraction between the objects in your database with the objects in your application. A lot of people including myself preferred the much more lightweight LINQ architecture. Yet with the recent announcement from Microsoft that the Entities Framework is the way to go(hint.hint), now is the time to learn the Entities Framework before you are left behind. This session will focus on the Entities framework and it use as related to LINQ and some of the current technologies that imploy it like Dynamic Data Pages. We will use lots of programming demos to show you the in and outs of what you need to know in order to get on the fast track with the technology.

Josh Jones	930AM	1607	Application Logging with SQL Server and the Service Broker	Centralized application logging, particularly across different database oriented applications, can be a very useful for troubleshooting problems both on the application side as well as on the database side. In this session, we'll look at a practical application logging system using the SQL Server Service broker and centrally manage logging. Code samples will be provided.
Steve Jones	4PM	1521	The Modern Resume – Building Your Brand	Learn how to update your resume to fit in today's modern world and take advantage of the tools offered by blogging, social networking and more.
Don Jones	1PM	1521	Windows PowerShell Jump Start: Automating Administration	So what good is Windows PowerShell, anyway? Do you need to spend time learning to script? Is it like VBScript? Can it manage remote computers? Join PowerShell author and MVP Don Jones of Concentrated Technology for a concentrated jump start into the world of Windows PowerShell. Learn how to manage remote systems, create formatted inventory reports, automate AD user creation, and much more - all without a line of script code! You'll even get an introduction to the entire PowerShell scripting language (all 14 keywords) for when you're ready to go further. Don writes every command live - no pre-canned demos, here - and makes them available to you via e-mail after the conference.
Don Jones	2PM	1521	Windows PowerShell v2: Freakin' Amazing, and Not Just for Windows 7	It's officially in beta: Windows PowerShell v2. And while it'll release with Win7, it offers tons of amazing functionality that every administrator will want to get their hands on ASAP. Manage a dozen remote systems as easily as one. Write scripts that gracefully deal with errors (like powered-off systems). Beautiful debugging capabilities. Dozens of new cmdlets (which mean less scripting and more productivity). New WMI capabilities. New plug-in module architecture. And *more*. Don Jones, Windows PowerShell MVP and co-founder of Concentrated Technology, shows you all these new capabilities and more.

Ely Lucas	1030AM	1207	Intro to Game Programming	XNA is a fun and exciting technology that makes it possible to create games for Windows, Zune, and Xbox 360 using .Net and C#! In this presentation, we will look at the basics of game development including sprites, content, input, and audio as we create an entire (albeit simple) game in under fifty minutes.
Ted Malone	1030AM	1525	Visual Studio Team System Database Edition – Managing the Database Development Lifecycle	In this session, attendees will learn how to incorporate “Data Dude” into their day to day lives. We will discuss how projects are organized and the basics of how the environment works. We’ll discuss the initial project creation, how schema objects are laid out, and how Data Dude can be used to improve database developer productivity. This session will feature many demonstrations and will not be a typical “slide-based” presentation.
Beth Massi	1030AM	1130	Microsoft Visual Basic 2008: Microsoft LINQ Language Tips, Tricks, and Best Practices	LINQ (Language Integrated Query) is a key platform innovation introduced with Microsoft Visual Studio 2008, which brings SQL-style query expressions into Visual Basic and Visual C#, enabling you to describe what data to reason about instead of how to access the data. In this session, by taking a much closer look at the language features that enable LINQ-enabled frameworks, we uncover tips, tricks, gotchas and best practices for writing queries that will help you write robust, high-performing, maintainable business applications more quickly. In addition to gaining a solid understanding of LINQ for data access, you’ll also leave this session with a clear understanding of how query and the individual language features can be leveraged in other parts of your application to write less code.
Beth Massi	2PM	1539	Data Sources and Data Binding in WPF Business Applications	In this session we'll go over the major classes and interfaces involved in data binding in Windows Presentation Foundation (WPF) clients using a variety of data sources including DataSets and custom object collections. This session will demonstrate the differences in Winforms and the WPF data binding architectures and how you can design your business entities to work well with any Windows smart client. Well also take a look at some of the new WPF drag-drop data binding tooling that will be available in Visual Studio 2010.

Beth Massi	4PM	1525	Future Directions for Microsoft Visual Basic	In this session we'll discuss the future direction of the Visual Basic language. Learn about the new capabilities of the next version of the language, including additional LINQ features, syntax simplifications, and a host of other improvements. Also gain insight into possible future features, including meta-programming and scripting.
Joe Mayo	1030AM	1539	LINQ to Twitter: Learning how to Build a Custom LINQ Provider	To successfully create a ubiquitous data access technology that can work with any data source, Microsoft needed to build a framework that anyone can work with to introduce their own providers. This ubiquitous data access technology is called Language Integrated Query (LINQ). Today, Microsoft ships several LINQ providers out-of-the-box: LINQ to Objects, LINQ to DataSet, LINQ to SQL, LINQ to Entities, LINQ to XML, and LINQ to Data Services. There are also many 3rd party LINQ providers for various data sources, made possible by reusable .NET Framework types. LINQ to Twitter is one such 3rd party provider, which is the example used in this presentation. You'll learn how LINQ to Twitter is implemented with various interfaces and patterns to expose the common LINQ development experience you've grown accustomed to with other providers. The main difference is that the data source is Twitter. Since LINQ to Twitter is open source, you also have a working example and will gain insight into how to create your own LINQ provider, should you ever have a need to do so. Additionally, by looking inside of the process used to build a LINQ provider, you'll gain a deeper understanding of how LINQ works across all providers.
Steven McCabe	1PM	1525	Improve your SQL database design, issues to watch for	It does not matter which code generation tool you choose, if you have a bad database design, the generated source code is going to be less than stellar. So why put your software project at risk, even before starting to write a single line of code? It is vital to identify those database design issues before you start generating any source code for your data access layer. In this session, we will cover a number of database design issues to be cautious for. Approximately 30 issues will be covered. Some issues are more important than other, therefore each issue will be classified as one of the following: Integrity, Quality, Performance or Readability.

Dave McKinstry	2PM	1603	Unit Testing with Visual Studio 2008	Unit Testing has been gaining popularity over the past several years as more development teams realize how consistent testing by developers actually helps make life easier for developers. This session will cover a broad scope of unit testing, starting with what it is and how to get started and continuing to where it can go. Of course there will be plenty of tool focused demonstrations showing how to apply the theories easily using the tools built-in to Visual Studio 2008.
Steve Milroy	3PM	1607	Mapping/Geospatial Solutions with the Microsoft Platform	Many companies are investing in mapping and geospatial solutions, to enhance existing apps or deliver completely new solutions. This session will introduce geospatial solutions, including solution scenarios such as Geospatial Information Systems (GIS), locators, asset tracking, and 3D simulation. We will look at key concepts like vector and raster data, geo-coding, routing, spatial data and spatial queries. We'll explore the Microsoft geospatial platform including SQL Server 2008, Virtual Earth, 3D, Photosynth and related technologies. We'll review demonstrations and code, and explore best practices for developing geospatial solutions with the Microsoft platform.
Joy Nandi	3PM	1525	Identifying Performance Bottleneck for .Net Applications Using Windows Performance Monitor	The goal of this tutorial is to address issues by introducing Windows Performance Monitor as one of the tools for identifying performance bottlenecks for web based applications using Microsoft .Net technology.

Paul Nielson	12NOON	1539	Nordic Update	Objects and databases don't mix well. But, Nordic is a CodePlex open source T-SQL code-gen project that fully emulates object orientation within SQL Server, supporting class/attribute inheritance, workflow state w/inheritance, and associations with workflow state dependencies and inheritance. Associations with inheritance is very significant feature – it takes the 2D relational model and makes it 3D. Adding workflow state to associations is like adding business logic to foreign keys without any code. Using a generic .Net UI to display the data, Nordic is makes it easy to model and build an object/relational database with a clean database abstraction layer. And it's fast. In this session Paul demos the Nordic UI, walks though the stored procedure calls, and discusses how to design an object database using SQL Server.
Paul Nielson	3PM	1539	Pure T-SQL Code	Fresh, never frozen, not from concentrate, extra pulp pure T-SQL Code. This session starts with about 12,000 lines of T-SQL sample code scripts from the SQL Server 2008 Bible ranging from simple queries, to audit trail, to data compression and change tracking. The attendees will select the scripts for the detailed walkthroughs.
Jerry Nixon	12NOON	1603	SQL 2008 tSQL Updates	SQL 2005 introduced significant tSQL enhancements that changed the structure of many developer's query patterns. SQL 2008 introduces even more exciting enhancements. You could use them, but should you? Come see Microsoft's new tSQL candy and discuss implications on performance and system maintenance. Warning: This will be a high-paced, whirlwind of demos, so bring your Mountain Dew.
Jeff Rhodes	1030AM	1607	Moving a Commercial ASP.NET Application to Silverlight	This session will show the highlights of moving our "Exam Engine" product from ASP.NET 1.1 to Silverlight. We'll demonstrate displaying graphics, playing audio and video, surviving without Datasets, creating user-editable templates in Microsoft Expression Blend, communicating with a WCF web service, inheriting Silverlight User Controls, "navigating" within a Silverlight application, and much more. Plus you can check your knowledge of Beatles, Eagles, Led Zeppelin, and Van Halen as we try out some sample exams.

Brandon Satrom	1PM	1603	Windows Workflow Foundation	Since .NET 3.0, Windows Workflow Foundation (WF) has lived in the shadow of its flashy framework companions WCF and WPF. Yet from the start WF has been, at its core, about new ways of creating durable applications and composable units of work, both of which have the potential to change the way that developers assemble solutions. In this talk, Brandon will cover some of the highlights and recent enhancements to WF (Creating workflow services with WCF and WF, Workflow Persistence and Tracking), tips and tricks for advanced workflow scenarios (using MSMQ with workflow services, custom activities, etc.), and a preview of some upcoming Workflow features in the 4.0 Framework.
Chris Shaw	1PM	1539	SQL Server 2008 Goes Enterprise	SQL Server 2008 has been released and there are many features that have been added to make SQL Server a better match for enterprise environments. In this session we will cover we will talk a little about the release of SQL Server 2005 and then compare it to SQL Server 2008. I will touch on each of the newly added features that will show that SQL Server 2008 is enterprise ready. In the last few minutes of this session we will talk about SQL Server Kilimanjaro.
Greg Shields	930AM	1603	What's New & What's Changed with Windows Server 2008 Active Directory	You've played around with Windows Server 2008. Now its time to actually get it into production. Your Active Directory Domain Controllers can be an easy and painless first step in your plans to upgrade to Windows Server 2008. With few installed applications, and a low risk for conflict, DCs make a great start for any OS migration. But what are the new features with Server 2008's Domain Controllers? What new capabilities do you get out of an improved Active Directory? There are quite a few. Stop by this Windows session with AD Expert Greg Shields for the straight scoop on the new capabilities that will excite you, as well as those that probably won't.

Joe Shirey	12NOON	1207	What developers need to know about IE8	With the release of Windows 7 Microsoft is also releasing the latest version of Internet Explorer. IE8 includes a number of performance, reliability, and security enhancements, but it also includes new functionality the developer may be interested in leveraging. Additionally, there are a number of enhancements for the task of developing web pages including HTML, CSS, and JavaScript profiling and debugging within the browser. This session will go through IE8 from a developer's perspective.
Chris Sutton	2PM	1207	jQuery for ASP.NET Developers	<p>jQuery is an excellent JavaScript library that actually makes writing JavaScript enjoyable. It has a powerful CSS style selector syntax, it provides a unified set of events that works across the major browsers and there is a parallel UI library that gives you a full suite of visual effects.</p> <p>It can be used in any web framework, but the ASP.NET MVC Framework is already including jQuery in the current release candidate, and standard ASP.NET projects in Visual Studio 2010 will include it by default. So you will need to understand its syntax and how it works if you are doing ASP.NET development in the future.</p> <p>In this talk we'll show you how to use the selector syntax, how to use jQuery events to separate client behavior from page layout and we'll look at how to easily do asynchronous calls with its AJAX features.</p>
David Yack	4PM	1130	Silverlight Business Applications	In this session David Yack is going to explore how Silverlight can be used to build line of business (LOB) applications. Starting with Silverlight 2, David will look at how common business application scenarios can be implemented today. Using a crystal ball, David will offer a peek into how a future version of Silverlight features will make building these applications even easier. No recording devices allowed in this session.

R. Aaron Zupanic	2PM	1525	WinForms Controls	<p>The .NET framework makes writing WinForms controls accessible to any and all programmers. In this session we're going to focus on the control's design-time experience; that is, what users of your controls will experience when writing software using your controls. There is a rich set of classes and tools that can help you create slick, professional components that will make your users' lives easier, but without knowing what they are or where to find them it can be a challenge. Even sometimes when armed with the knowledge, it's not always intuitive how to use the objects. We're going to discuss Editors, Extensions, Verbs, Action Lists, Designers, and more. We'll see what it takes to have your control actually 'run' at design-time to offer a rich, interactive experience for the end user.</p> <p>If you write WinForms controls for the .NET platform, you won't want to miss it!</p>











