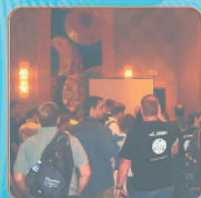
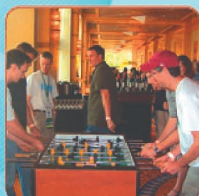


cf united

the premier coldfusion technical conference

Classes: June 25th & 26th 2007
Conference: June 27th- 30th 2007



www.cfunitied.com 1.800.447.9120

Produced by TeraTech Programming in the Washington DC Area
Bethesda North Marriott Hotel and Conference Center

CFUnited is the premiere ColdFusion Conference

CFUNITED is the only conference of its kind that is run by developers, for developers. We don't tell the speakers what they can or can't talk about. Speakers include well known experts, authors and past speakers such as Ben Forta, Hal Helms, Simon Horwith, Michael Smith, Ray Camden and Charlie Arehart plus hot new speakers that attendees have suggested from the field. Sessions based on real world experience. Great networking and special events. CFUNITED unites the whole ColdFusion web development community. Don't miss it!

CFUNITED has over 40 nationally known speakers and over 1,000 attendees expected

to attend 64 sessions over four days! Started in 1999 by TeraTech [www.teratech.com] , this is the ninth annual national ColdFusion event. CFUNITED-07 is June 27th to June 30th , 2007 just outside Washington DC at the Montgomery County Conference Center in Bethesda, Maryland. It's right next to a Metro stop and the freeway, providing easy and direct access from DC airports and to all downtown Washington DC attractions. That makes CFUNITED a great opportunity to also enjoy our Nation's Capital over the Fourth of July weekend, including the nation's best fireworks exhibition on the Capital Mall and the many restaurants and nightclubs in DC.



Tracks | To help you navigate through the conference program and ensure you identify sessions suitable to your needs, we developed a conference key broken down into the following categories.

Accessibility/Usability - Section 508, CSS and disabled access

Advanced CF - Advanced ColdFusion topics

Boot Camp - Basic ColdFusion and Flash Topics

Deployment/Platform - Integrating with SQL Server, Windows and .NET

Flex/Ajax/Apollo - Learn Flex 2 and Apollo by Adobe. Some Ajax topics.

Manager/Empowered Programming - Fusebox & Project management

Adobe Keynote Presentation

Ben Forta is Adobe's Senior Product Evangelist, and has over two decades of experience in the computer industry in product development, support, training, and marketing. Ben is the author of the best-selling ColdFusion Web Application Construction Kit.



"CFUNITED has become the premier ColdFusion specific event. I attended in 2002, 2004, 2005, and 2006, plan on attending this year too. If you are serious about ColdFusion and CFML, this is one event you don't want to miss!" - Ben Forta

Table of Contents

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Classes

Classes will be held at the Bethesda North Marriott Hotel on the lower level. The cost of these classes are **\$449 EACH** which includes breakfast, lunch, materials, and coffee/tea. Does not include hotel room. There is a limit of 20 people per class. Your conference registration does not cover these classes.

Note: You can only register to attend one class per day. For updates on class titles and descriptions, please go to www.cfunitied.com to see more.

- CU221 Rob Gonda - Flex Intensive for ColdFusion Developers - Monday 6/25
- CU222 Kurtis D. Leatham - Creating Your First Cold Fusion Application - Monday 6/25
- CU223 Oğuz Demirkampı - Multi Language Applications in CF in Theory and Practice - Monday 6/25
- CU224 Nate Nelson - Advanced Database - Monday 6/25
- CU225 Peter Bell - Practical Code Generation: By Example - Tuesday 6/26
- CU226 Simon Horwith - Architecting & Optimizing CF Applications for Performance & Scalability - Tuesday 6/26
- CU227 John Paul Ashenfelter - Best Practice Bootcamp for Developers - Tuesday 6/26
- CU228 Charlie Arehart - New in CFMX 6&7: What Did You Miss? - Tuesday 6/26

To register for these classes, go to www.cfunitied.com/go/classes

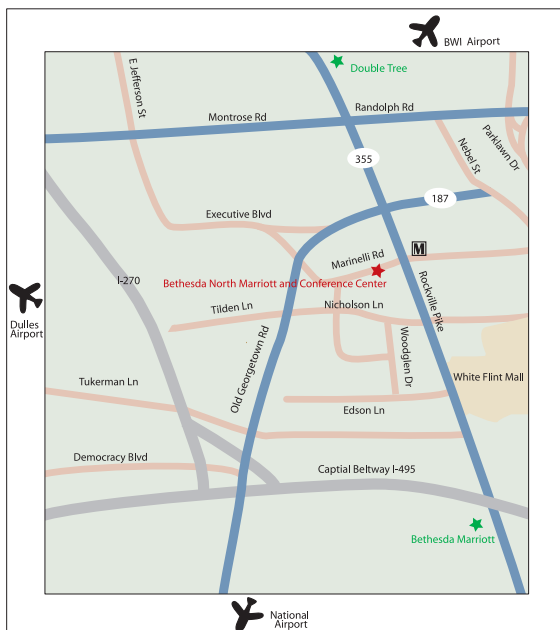
Bethesda North Marriott Montgomery County Conference Center

5701 Marinelli Road
North Bethesda, MD 20852
www.bethesdanorthmarriott.com
This main hotel is booked.
Please check the over flow hotel

Over Flow Hotel: Bethesda Marriott

(approx 1.5 miles from the conference center)
A shuttle is provided for all attendees and will
run continuously throughout the event.

5151 Pooks Hill Road
Bethesda MD 20814
www.bethesdamarriott.com
To make reservations,
go online or call: 1.800.228.9290
Use the group code: CNOCONOA



Directions to the Bethesda North Marriott Hotel and Conference Center:

Baltimore Washington International: Airport Take Route 195 West to Exit 4/I-95 South, then head West on 495 towards Silver Spring, and take Exit 34/Route 355 North (Wisconsin Avenue/Rockville Pike). Proceed approximately 3 to 4 miles on Rockville Pike and the Bethesda North Marriott will be on your left on Marinelli Road.

Ronald Reagan National Airport: Take (110 North) George Washington Parkway to 495 North. When you are on 495 North, bear to the left to get to I-270 North towards Frederick and get off at Exit 4A (Montrose Road East). Proceed approximately 2 to 3 miles and make a right onto Rockville Pike (Route 355). Proceed on Rockville Pike and the Bethesda North Marriott will be on your right on Marinelli Road.

Washington Dulles International Airport: Take 267 (Washington Dulles Access and Toll Road) East to I-495 North heading towards Rockville, and take I-270 North towards Frederick. Get off at Exit 4A Montrose Road East, proceed approximately 2-3 miles and make a right onto Rockville Pike (Route 355). Proceed on Rockville Pike and the Bethesda North Marriott will be on your right on Marinelli Road.

Points North: Take I-95 South to 495 West Towards Silver Spring, then take Exit 34/Route 355 North (Wisconsin Avenue/Rockville Pike). Proceed approximately 3 to 4 miles on Rockville Pike and the Bethesda North Marriott will be on your left on Marinelli Road.

Points South: Take I-95 North to 495 heading to Rockville/Tysons Corner, then take I-270 North towards Frederick and get off on Exit 4A Montrose Road East. Proceed approximately 2-3 miles and make a right onto Rockville Pike (Route 355). Proceed on Rockville Pike and the Bethesda North Marriott will be on your right on Marinelli Road.

Speakers



Charlie Arehart



Michael Dinowitz



Tom Jordahl
Adobe

Andrew Powell
Universal Mind



Jeff Tapper
Tapper.net



John P Ashenfelter
TransitionPoint.com



Ben Forta
Adobe Systems



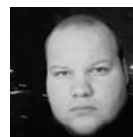
Jeremy Kadlec
Edgewood

Joe Rinehart

Rob Rusher



Andrew Trice
Cynergy Systems



Todd Sanders



Selene Bainum
INPUT



Pete Freitag



Paul Kenney



Kevin Schmidt

Nicholas Tunney
AboutWeb

Tyson Vanek
Webapper

Thomas Burleson
Universal Mind

Shlomy Gantz
Bluebrick

Kurtis D. Leatham
Komputerman.com



Rob Gonda
iChameleon Group



Adam Lehman
Adobe



Andrew Schwabe
IEXP Software



Douglas Ward

Ron West
PaperThin



Raymond Camden



Erik Goodlad
Price.com



Nate Nelson
Xententia, Inc



Chris Scott
Cynergy



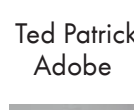
Matthew Woodward



Chaz Chumley
Community MX



Hal Helms



Ted Patrick
Adobe



Robi Sen
Department13



Sandy Clark



Simon Horwith



Maxim Porges



Michael Smith
TeraTech Inc

The Host of CFUnited

Main Event Schedule

WEDNESDAY, June 27th 2007

| | | | | |
|----------|----------|----|-------------------|--|
| 8:00 AM | 8:20 AM | | Michael Smith | Welcome keynote |
| 8:20 AM | 9:30 AM | | Ben Forta - Adobe | Keynote |
| 10:00 AM | 11:30 AM | AC | TBA | Speaker Scorpio Topic |
| 10:15 AM | 11:15 AM | ME | Nicholas Tunney | Introduction to Object Oriented Programming with CF |
| | | AC | Kevin Schmidt | Sending and Receiving SMS Messages with CF |
| | | FL | Ted Patrick | Flex 101 |
| | | BC | Simon Horwith | Welcome to ColdFusion |
| 11:30 AM | 12:30 AM | ME | TBA | Manager Topic |
| | | AC | Selene Bainum | Using Structures with CFCs |
| | | FL | Chris Scott | Introduction to Aspect Oriented Programing with ColdSpring |
| | | BC | Kurtis D. Leatham | Databases |
| 11:45 AM | 12:45 PM | FL | TBA | Apollo Topic |
| 12:30 AM | 02:00 PM | | LUNCH | |
| 02:00 PM | 03:00 PM | DP | Patrick Quinn | Application Server Analytics |
| | | AC | Adam Lehman | ColdFusion Application Security |
| | | BC | Shlomy Gantz | Custom Tags, UDFs & CFCs |
| | | AU | Ron West | Implementing Usability: Insights to Improve Your Chances for Success |
| 02:15 PM | 05:15 PM | BC | Raymond Camden | CFC Development |
| 03:15 PM | 04:15 PM | ME | Matt Woodward | OO Architecture Back to Front |
| | | AC | Jeff Tapper | Real world solutions: Data Push using FDS and CF |
| | | FL | Andrew Trice | Object Oriented Flex: Intro to Flex Framework & OO Devlpmnt |
| | | DP | Chaz Chumley | Creating and Consuming WebServices |
| 04:30 PM | 05:30 PM | ME | Hal Helms | OO Programming with CFCs |
| | | AC | Pete Freitag | Working with RSS in ColdFusion |
| | | DP | Todd Sanders | Communicating to the Outside World through CF |
| | | AU | Douglas Ward | Usability Testing |

THURSDAY, June 28th 2007

| | | | | |
|----------|----------|----|--------------------|--|
| 8:30 AM | 9:30 AM | ME | Rob Gonda | Embrace Factories |
| | | AC | Michael Dinowitz | Basic Regular Expressions |
| | | FL | Jeff Tapper | Flex 2 for ColdFusion Developers |
| | | DP | Tyson Vanek | Are You "Cashing In" on Caching? |
| 8:15 AM | 11:15 AM | AC | TBA | Scorpio Topic |
| 9:45 AM | 10:45 AM | ME | Simon Horwith | Success From The Trenches - Building Better Applications |
| | | FL | Thomas Burleson | Continuous Testing with Flex and Coldfusion Projects |
| | | BC | Raymond Camden | Authentication and Basic Security in CF |
| | | AU | Sandy Clark | CSS - Back to Basics |
| 11:30 AM | 12:30 PM | | Keynote | |
| 12:30 PM | 02:00 PM | | LUNCH | |
| 01:45 PM | 02:45 PM | FL | Simon Horwith | Prototyping Applications with Flex 2.0 |
| 02:00 PM | 03:00 PM | ME | John P Ashenfelter | Testing CF Applications |
| | | AC | Pete Freitag | Building Secure CFML Applications |
| | | BC | Nicholas Tunney | Variables & Conditions |
| | | DP | Nate Nelson | Database Performance Tuning |
| 03:15 PM | 04:15 PM | ME | Andrew Powell | Integrating Spry and ColdFusion |
| | | AC | TBA | Scorpio Topic |
| | | FL | Rob Rusher | Advanced Styling and Skinning in Flex 2 |
| | | BC | Charlie Arehart | CF Admin |

| | | | | |
|----------|----------|----|-----------------|---|
| 04:00 PM | 06:00 PM | DP | TBA | New Atlanta Topic |
| 04:30 PM | 05:30 PM | ME | Joe Rinehart | Practical Design Demystified |
| 04:30 PM | 05:30 PM | AC | Andrew Schwabe | Coding with XML |
| 04:30 PM | 05:30 PM | FL | Thomas Burleson | Using MVC with Flex/Coldfusion projects |
| 04:30 PM | 05:30 PM | AU | Sandy Clark | Testing for Accessibility |

FRIDAY, June 29th 2007

| | | | | |
|----------|----------|--|--------------------|--|
| 8:30 AM | 9:30 AM | ME | Maxim Porges | Agility Through Iterative Development |
| 8:30 AM | 9:30 AM | AC | Erik Goodlad | Ins and Outs of working with XML |
| 8:30 AM | 9:30 AM | FL | Tom Jordahl | Flex Data Services & CF Scorpio - Faster, Better & Cooler! |
| 8:30 AM | 9:30 AM | BC | Charlie Arehart | Step through your CFML code with FusionDebug |
| 8:30 AM | 10:30 AM | ME | Shlomy Gantz | Managing ColdFusion projects from start to finish |
| 9:45 AM | 10:45 AM | AC | Paul Kenney | Test Driven Development for ColdFusion |
| 9:45 AM | 10:45 AM | FL | Rob Gonda | Flex and Ajax: perfect match |
| 9:45 AM | 10:45 AM | AU | Ron West | Implementing Usability: Insights to Improve Your Chances for Success |
| 9:45 AM | 10:45 AM | DP | Robi Sen | Testing, Monitoring & Tuning CF w/ Open Source tools |
| 11:00 AM | 12:00 PM | Keynote | | |
| 12:00 PM | 01:30 PM | LUNCH | | |
| 01:30 PM | 02:30 PM | DP | Jeremy Kadlec | SQL Server Development Short Takes |
| | | AC | Nate Nelson | Beyond Basic SQL For CF |
| | | FL | Rob Rusher | Flex Charting Explained |
| | | BC | Kurtis D. Leatham | Structures, Arrays, and practical uses for both. |
| 01:30 PM | 03:30 PM | AC | TBA | Scorpio Topic |
| 02:45 PM | 03:45 PM | ME | Mark Drew | Advanced CFEclipse |
| 02:45 PM | 03:45 PM | FL | Joe Rinehart | AJAX Development with ColdFusion Frameworks |
| 02:45 PM | 03:45 PM | DP | John P Ashenfelter | Pragmatic ColdFusion: Build, Test, Deploy |
| 02:45 PM | 03:45 PM | AU | Douglas Ward | Fundamentals of Good Usability |
| 04:00 PM | 05:00 PM | Special Question & Answer Session. As well as raffle give-aways. | | |

SATURDAY, June 30th 2007

| | | | | |
|----------|----------|--|--|--|
| 08:00 AM | 05:00 PM | REPEAT SESSIONS (will be announced in May) | | |
|----------|----------|--|--|--|

BOF - Birds of Feather Sessions will run Wednesday, Thursday, Friday evenings. More about those topics will be announced soon on www.cfunited.com

Please see the Conference website for topic and schedule updates. This schedule is subject to change. Each topic falls under one of these tracks.

- AU - Accessibility/Usability - Section 508, CSS and disabled access
- AC - Advanced CF - Advanced ColdFusion topics
- BC - Boot Camp - Basic ColdFusion and Flash Topics
- DP - Deployment/Platform - Integrating with SQL Server, Windows and .NET
- FL - Flex/Ajax/Apollo - Learn Flex 2 and Apollo by Adobe. Some Ajax topics.
- ME - Manager/Empowered Programming - Fusebox & Project management

Accessibility/Usability - Section 508, CSS and disabled access

Usability Testing

Douglas Ward

Web 1.0 was about getting things on the web. Web 2.0 is about making things work. An important aspect of this is making web sites EASY to use. Developers, however, are too close to the applications they build to be able to accurately determine if what they are building can be easily used by others. They already know how everything is supposed to work, so they never realize when things are confusing. This is why usability testing is so important. Periodically conducting usability tests throughout the development process can catch a lot of problems that otherwise wouldn't become apparent until after going live - at which point fixing such problems are costly and embarrassing. This talk assumes a basic understanding of what usability is and focuses on how to conduct usability tests. We will be discussing what equipment is needed, how many people should be involved, how to analyze results, and other aspects of conducting effective usability tests.

Fundamentals of Good Usability

Douglas Ward

Usability is about making web sites easy to use. You've been to web sites that make you want to pull your hair out because they are so confusing, and you've been to web sites that are a joy to use. You, your boss, and especially your clients want you to build sites that are a joy to use. That means understanding, and applying, the fundamentals of good usability.

This presentation is a fun look at what usability is all about. We will take a look at a lot of sites (new sites for 2007!) and examine lots of examples. Leave this presentation knowing how to better build sites that your users love to use.

Implementing Usability: Insights to Improve Your Chances for Success

Ron West

Interfaces for websites and Web Applications such as content management solutions have changed over the past few years. With the advent of AJAX (and other Web-based technologies) the days of the clunky form and stagnant server/client response system are finally over. While these emerging technologies introduce significant usability improvements, they also present a wide range of new challenges. In this session, we will explore techniques that can be employed within a Web application to improve usability, standards-based content generation, and performance. Additionally, we will touch on cross-browser platform issues and possible solutions you may find useful.

Testing for Accessibility

Sandy Clark

How does one test for accessibility? What are the requirements of a tester? What tools are out there for testing? Is there one tool that will do it all? Sandra Clark, will go through the process of testing for accessibility and try to provide a ray of light in the murkiness that is testing for Accessibility.

CSS - Back to Basics

Sandy Clark

With more people jumping on the CSS bandwagon and with Internet Explorer 7 finally released, it's always good to review the basics. This session will cover semantic and structural HTML with an eye toward how to use the DOM to create simple HTML and put the complexity of selectors into the Cascading Style Sheet. It will cover all selectors that are now available in all browsers and how to use them effectively.

Advanced CF - Advanced ColdFusion topics

ColdFusion Application Security

Adam Wayne Lehman

This presentation details the OWASP Top Ten Most Critical Web Application Security Vulnerabilities and how they are pertinent to developing ColdFusion applications. Demonstration of effective methods to avoid and prevent invalidated input, broken access controls, broken authentication and session management, cross-site scripting flaws, injection flaws, and improper error handling.

Coding with XML

Andrew Schwabe

How to manually create and manipulate XML using CFML's built-in Xml functions. Examples include creating, reading and modifying basic XML documents.

Ins and Outs of working with XML

Erik Goodlad

Cover all the basics of working with XML and various common functions needed to read, parse, and write XML data. And why / when you will need to deal with XML (web services, etc).

Real world solutions: Data Push using FDS and CF

Jeff Tapper

A frequently requested feature that has nearly impossible to implement in Web Applications is a real time data push. Using ColdFusion Event Gateways and Flex Data Services, this can now be done, come and find out how...

Sending and Receiving SMS Messages with ColdFusion

Kevin Schmidt

SMS Messages are everywhere. You can use them to keep in touch with friends, download a ringtone and even vote on American Idol. Working with SMS Messages can be very complex, but ColdFusion has made it possible to develop an SMS application quickly and with the ease only ColdFusion can provide. This session will explore how to use the ColdFusion SMS Gateway to both send and receive SMS Text Messages.

Basic Regular Expressions

Michael Dinowitz

People are afraid of Regular Expressions. They look scary. They do strange things with just a handful of letters. It's something that only a guru can do. In truth Regular Expressions are rather simple and anyone can use them by learning a few simple rules. This presentation will walk you through those rules and will use them to build more and more complex validation components until we get to a final component that can search a site for all CFQUERY tags that have variables but no CFQUERYPARAM tags. The end result is that you will be that guru writing a few letters to search and replace content.

Beyond Basic SQL For CF

Nate Nelson

This presentation will skip past the basics of using SQL with ColdFusion and dive right in to more intermediate and advanced topics. It covers the many features, options, and practices available to developers besides just using basic queries. Discover there is much more to using a database with ColdFusion than simply storing and accessing data. Find out advantages of using database objects such as stored procedures, functions, etc.

Test Driven Development for CF

Paul Kenney

For many folks, the idea of taking a test-first approach to development means writing lots of unit tests for every aspect of an application. In truth, test driven development is much more and represents a completely different paradigm for creating applications. This session gives you the key concepts behind test driven development and provides a number of practices and tools which make the test-first approach accessible to ColdFusion developers today. Specifically, we'll cover refactoring, unit testing, and build automation.

Working with RSS in ColdFusion

Pete Freitag

Adding RSS Feeds to your web sites and web applications is becoming more important every day. We will start from the ground up and explain what RSS is, and why it is important.

Then you will learn how to build a RSS feed from scratch using your data. Along the way pick up several battle hardened tips and tricks for implementing standards compliant RSS feeds.

Building Secure CFML Applications

Pete Freitag

As server software keeps getting more secure, hackers are focusing on vulnerabilities in web applications themselves.

Don't get caught with your pants down - it's your responsibility to make sure that your web application and data is secure.

We will take a look at some of the common vulnerabilities such as SQL Injection, Cross Site Request Forgeries, Cross Site Scripting, and Session Hi-Jacking.

Using Structures with CFCs

Selene Bainum

Familiar with structures? Familiar with CFCs? Not using them together? This session will show you how to practically and creatively use structures with components for advanced processing techniques. Examples include returning multiple queries and variables from a single function and how to process a complex shopping cart structure.

CF Admin

Charlie Arehart

The ColdFusion Administrator can be confusing to use - this session will explain all the features available to you in the CF Admin and how to use them. Learn how you can improve your CF performance and security via use of the administrator in this key session.

Scorpio Topics

As they become available, we will post topics that cover Scorpio, the upcoming major release of ColdFusion by Adobe. Please visit www.cfunited.com

Topics by Track (continued)

Boot Camp - Basic ColdFusion and Flash Topics

Step through your CFML code with FusionDebug

Charlie Arehart

In this talk, veteran CFML developer Charlie Arehart will introduce and demonstrate the ability all ColdFusion developers now have to step through their code interactively. FusionDebug is a commercial plug-in for Eclipse (www.fusiondebug.com) that gives you that ability. No, it's not free, but it's a small price to pay (< \$300) if you want to do step debugging. He will show all the features, as well as some tricks and traps. Don't worry if you don't care for Eclipse. You can continue to use DWMX or CF Studio/HomeSite+. Just use FD for your debugging. He will show you how easy it is and the problems it can solve. And if you're thinking you don't need interactive debugging, Charlie will also explain over a dozen benefits this offers over traditional CFDUMP/CFOUTPUT debugging.

Structures, Arrays, and practical uses for both.

Kurtis D. Leatham

Structures and arrays are powerful tools in any programmers toolbox. Unfortunately many ColdFusion developers are either not familiar with them or do not use them to their full potential. We will cover single and multidimensional arrays, arrays that contain structures, and structures that contain structures. In this session we will discuss how to create them, how to work with them, and perhaps most importantly we will show several real world examples of where and how to use them. For example we will show how to loop through an array to build a dynamic query. We will use structures for aiding our data presentation. And we will show how to use both structures and arrays when manipulating data.

Databases

Kurtis D. Leatham

Adding data to a database and then displaying that data is one of the main tasks in most ColdFusion programs. In this session we will cover the basics of database access in CF, including how to setup a data source, how to create SQL queries in CF, how to select data to display, options available to you when outputting data and the basics of inserting and updating data.

Variables & Conditions

Nicholas Tunney

Variables are at the heart of any CF program, but many people are confused about the different scopes and how they should be used. Learn about CF's data types, scopes and assignment rules. Then take a branch into conditionals. Conditionals let your programs make decisions from simple branching to more complex switch and logical comparisons, so that you can build more complex web applications successfully.

CFC Development

Raymond Camden

This three hour session will delve into the basics of building ColdFusion Components (CFCs) as well as discuss various methods of CFC development. We will have many examples that you can take home with you to help you start building your first site with CFCs!

Authentication and Basic Security in CF

Raymond Camden

This class will give a basic introduction to adding a simple security system to a ColdFusion web site. I will cover adding a login prompt as well as basic authorization (some users can do X, some can do X and Y).

Custom Tags, UDFs & CFCs

Shlomy Gantz

TBA

Welcome to CF

Simon Horwith

Get an overview of the ColdFusion language CFML and the power that is available to you. Whether you are coming from another programming language or are new to programming this talk will get you up to speed on the basics of programming in CF.

Deployment/Platform - Integrating with SQL Server, Windows and .NET

Creating and Consuming WebServices

Chaz Chumley

Web services provide us a channel to communicate using standard XML (Extensible Markup Language) to users over an internet, intranet or extranet without exposing all of the functionality of your application. Using ColdFusion you can easily publish a web service - to make application functionality available for remote use as well as consume a web service - to access remote functionality to perform specific tasks.

SQL Server Development Short Takes

Jeremy Kadlec

Are you always seeking tips and tricks with your SQL Server code and configurations? Well you have come to the right place. In this session we will explore code and configuration tricks to help your SQL Server web based applications. This session will be in the form of identifying a problem from the field, a practical solution and its demo followed by next steps. Come learn SQL Server development tips and tricks proven from the field.

Pragmatic ColdFusion: Build, Test, Deploy

John Paul Ashenfelter

Many developers are aware of tools to automate and empower software development tasks, ranging from source control software to test suites and continuous integration tools. Frequently however, the realities of making deadlines and concern about complexity or learning curves lead developers to use the same old practices they always have. This session shows how to put a system in place that can (1) control and manage source code using Subversion (2) write and run test suites to raise the quality of delivered code using CF(c)Unit, selenium, and other xUnit tools (3) automatically deploy code to the appropriate environment using Ant. We'll start with a working demonstration of the automated process, provide an overview of each tool, and discuss the various ways to take these tools and apply them into your current development environment.

Application Server Analytics

Patrick Quinn

TBA

Database Performance Tuning

Nate Nelson

Ever have a slow running application and you know you have gone to all extents to make your code run quick. If you don't have a DBA available to performance tune your database then learn how to do it yourself. There are many ways to improve database performance and you will learn them here. The presentation will include examples of slow performing queries on large amounts of data. Watch these techniques improve performance 10 times over.

Testing, Monitoring and Tuning ColdFusion with Open Source tools

Robi Sen

Objective testing and analysis of applications is a critical step not only in understand a applications ability to perform under stress but a good way of maintaining code quality and making sure bugs do not creep into the application during the development process. In this session you will learn how to use Open Source and freely available tools to perform testing and monitoring on your ColdFusion applications. You will learn common practices in creating a test environment, creating tests, monitoring your tests, and extrapolating meaningful information for your tests.

Communicating to the Outside World through CF

Todd Sanders

This session will go through different ways you can get Cold Fusion to communicate with other gateways and the outside world. We are bombarded with all types of communication every day, what if we could get cold fusion to collect all our in and out data to have one repository for everything, that can be searched and made to backup easy. I will show how to interface Cold Fusion to SMS, MMS, IM, FAX, Voicemail, and a few tricks on improving sending E-mail.

Are You "Cashing In" on Caching?

Tyson Vanek

The implementation of a well-planned caching strategy can make the difference between a scalable enterprise-wide application and an application that crushes under the weight of 3 or 4 simultaneous users. A good caching strategy should incorporate many facets of caching as they apply to ColdFusion application design and development. Whether caching simple rendered content/output or caching complex data objects and variables, the key to gaining maximum benefit is properly identifying caching candidates and the proper caching solutions.

Topics by Track (continued)

Flex/Ajax/Apollo - Learn Flex 2 and Apollo by Adobe. Some Ajax topics.

Object Oriented Flex: An introduction to the Flex Framework & OO Development

Andrew Trice

This presentation will provide an introduction to the Flex framework with a primary emphasis on object oriented design principles and code extensibility and reusability. Andrew will explain the basics of OOP in Flex, will demonstrate how to extend the Flex framework to build custom, reusable components, and will discuss building and maintaining a reusable code library of your own.

Introduction to Aspect Oriented Programming with ColdSpring

Chris Scott

In this session I will introduce Aspect Oriented Programming and show how it can be used to aid programmers in the separation of concerns, or as described by wikipedia, 'the breaking down of a program into distinct parts that overlap in functionality as little as possible'. We will begin by focussing on a typical example of introducing logging code into an application through the use of clog tags. Logging is often used as the prototypical example of a 'crosscutting concern' as a logging strategy can often affect code all throughout a system. I will then show how a logging system can be built using AOP, and in doing so, I will introduce all of the fundamentals of AOP, such as aspects, joinpoints, pointcuts, advisors, and proxies. If time and interest allows, I will showing a raw, code-centric application of AOP in order to discuss the core principles, and look at on some of the design patterns involved in building the coldspring.aop framework. I will move on to show how AOP methods can be applied declaratively via ColdSpring to simplify its use in a complex system. We will walk through adding multiple types of advice such as security and caching as well as logging to an existing system without altering any model code at all. I hope to end the session by introducing the AOP based ColdSpring Remoting, which will allow for the generation of remote facades for ColdSpring managed service objects, and discuss how this can be easily used for flash or flex based applications.

Advanced Styling and Skinning in Flex 2

Rob Rusher

TBA

Prototyping Applications with Flex 2.0

Simon Horwith

TBA

Flex 2 for ColdFusion Developers

Jeff Tapper

Using Flex 2.0, you can now deploy Flex applications using any number of backend technologies without the addition of a Flex server product. However, with the new ColdFusion-Flex connectivity features, ColdFusion will have a significant advantage over all other backend technologies; providing the most efficient data exchange, the easiest programming model, and specialized tooling that make it the fastest, easiest way to build Flex apps - with or without the purchase of a Flex server. This session will provide information on RemoteObject and the CF-Flex connectivity features including the use of value objects to exchange data between ColdFusion and Flex. Previous experience with CF/Flex applications is highly suggested.

AJAX Development with ColdFusion Frameworks

Joe Rinehart

At first glance, AJAX development and ColdFusion frameworks may seem incompatible. However, they're really a wonderful combination!

In this session, we'll see how to combine Javascript libraries such as Prototype and Scriptaculous with the Model-Glue framework in order to development next-generation AJAX applications with remarkable ease.

Flex and Ajax: perfect match

Rob Gonda

It is a complete misconception that Flex and Ajax are competing for the same market share; learn how Flex interacts with Ajax thru the Flex-Ajax-Bridge, learn when to use one, the other, or both to maximize user experience and reduce development time. Learn the new features of code name Scorpio and see your Ajax groove started, because now it's easier than ever.

Flex 101

Ted Patrick

TBA

Continuous Testing with Flex and Coldfusion Projects

Thomas Burleson

This presentation will introduce the concepts of continuous testing and unit testing in the development process.

Using MVC with Flex/ Coldfusion projects

Thomas Burleson

This presentation will introduce the concepts of the Model-View-Controller pattern that can [and should] be used in Coldfusion and Flex projects. While each technology [Flex and Coldfusion] has its own endorsed MVC framework, they can be used together to create superior code and applications. The audience will learn how the MVC frameworks in Coldfusion & Flex patterns are conceptually similar... learning one immediately means the other will be easy to implement.

Flex Data Services & ColdFusion Scorpio – Faster, Better and Cooler than ever!

Tom Jordahl

TBA

Integrating Spry and ColdFusion

Andrew Powell

Spry is the new Adobe framework for AJAX. It was intended for designers, but the ColdFusion Community has adopted it with open arms. This presentation will discuss what Spry is, how and when it should be used, how developers can leverage ColdFusion to make Spry more powerful, and cover how Spry and Flex can co-exist.

Manager/Empowered Programming - Fusebox & Project management

OO Programming with CFCs

Hal Helms

In this practical introduction to object orientation with ColdFusion components, well-known trainer Hal Helms will lead you through the architecting and coding of a project using CFCs.

Along the way, we'll cover UML class diagramming, Model-View-Controller applications, and best practices for working with CFCs.

If you're unsure of how to use CFCs in your applications – or simply want to better integrate them into your applications – this long session will help you.

Practical Design Demystified

Joe Rinehart

Design Patterns are some of the most misunderstood and misrepresented concepts in application development. Together, we'll learn the true meaning of "Design Pattern," find places you're already using patterns without realizing it, and explore Design Patterns useful in everyday programming scenarios.

Testing CF Applications

John Paul Ashenfelter

Test-driven development is very popular in the Java and Ruby worlds and becoming more so in the ColdFusion world. This session covers the tools that are available to test ColdFusion applications and discusses how to implement them into your existing workflow. We'll specifically cover:

- * CFCUnit/CFUnit for testing ColdFusion code
- * Selenium for testing web pages
- * DBUnit for managing the database during testing
- * Grinder (and similar) load-testing tools

Together, these tools can provide unit, functional, regression, and load tests for your applications. Finally, we'll touch on automating these tests so you can ensure that you are delivering higher-quality, well-tested code.

Advanced CFEclipse

Mark Drew

Mark Drew will be presenting how to use some advanced features in CFEclipse, with an in-depth look at modifying the libraries to add your own tags, using them as part of your development process and demonstrations of the new features in CFEclipse.

This presentation is geared towards current users of CFEclipse.

How to register:

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Badges are not guaranteed to be sent to countries other than the U.S. and Canada. Residents of other nations may pick up badges at the CFUNITED Registration Desk in the Conference Center.

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Substitutions are welcome at any time. Otherwise, registration cancellations must be made in writing. Cancellations before April 30th will result in a full refund less a \$50 processing fee. Cancellations between May 1st through June 11th will be a 50% refund minus \$50 processing fee. There are no refunds for cancellations after June 11th. No "Exhibitor Pass" or "Guest Pass" refunds.



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June 27th - June 30th 2007

Wednesday - Saturday

| Price | Cost | | |
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| 6/26/07 | \$1149 | \$1049 | \$349 |

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Classes: June 25th & 26th 2007

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