

# Lone Star Software Symposium

Crowne Plaza Suites Dallas

June 06 - 08, 2008

<http://www.nofluffjuststuff.com/conference/dallas/2008/06/index.html>  
(event schedule as of June 7, 2008)

The No Fluff Just Stuff Java Symposium Series is proud to announce the return of the Lone Star Software Symposium on June 06 - 08, 2008. LSSS2008Dallas will be held at the Crowne Plaza Suites Dallas.

Since 2002, the No Fluff Just Stuff Java Symposium has been regarded as the premier Java/Agility event series anywhere serving over 21,000 attendees with some 130 events. The popularity of the NFJS symposium series can be traced to the following:

- 1). Exceptional Speakers
- 2). Limited Attendance - capped at 250 people
- 3). No Vendors, No Sales Pitches, No Marketecture
- 4). Excellent networking opportunity with speakers and fellow attendees because of small size.
- 5). The Best Value in the Java conferencing space period.

You will have the opportunity to attend multiple sessions on variety of interesting topics covering core Java, Enterprise Java, Web 2.0, Dynamic Languages, Architecture, Security, Testing, CI and Agility.

## **The Registration Fee Includes:**

3 Day All Access Pass to LSSS2008Dallas  
All Meals/Snacks - duration of the symposium  
Custom Laptop Bag - Best in the Industry (\$150 Retail Value)  
1 Gig USB Drive - All Symposium Content included  
Custom NFJS Binder

Great Giveaways @ NFJS including iPhones, iPod Nanos and more!

**Early Bird Registration:** \$825 /person good thru 5/26/08 after \$925

**Excellent Group Discounts Available** - bring your entire development team to the show - no travel required!! Rate good thru 5/26/08

## **Registration Fees**

<b>Attendees</b>	<b>Before May. 26, 2008</b>	<b>After May. 26, 2008</b>
5-9	\$725	\$825
10-14	\$700	\$800
15-24	\$675	\$775
25+	\$650	\$750

Go to <http://www.nofluffjuststuff.com/conference/dallas/2008/06/index.html> and register today!

# Lone Star Software Symposium

## -Session Schedule-

(event schedule as of June 7, 2008)

### Friday, Jun. 6

12:00 - 1:00 PM : REGISTRATION

1:00 - 1:15 PM : WELCOME

1:15 - 2:45 PM - Sessions

#### **Session #1 @ Windsor 2-4 : Groovy, the Blue Pill: Writing Next Generation Java Code in Groovy by Scott Davis**

There are wild-eyed radicals out there telling you that Java is dead, statically-typed languages are passe, and your skills are hopelessly out-of-date. Those extremists are the same ones who don't bat an eye at throwing out years of experience to learn a new language from scratch, pushing aside a familiar IDE for a new one, and deploying to a whole new set of production servers with little regard to legacy integration. While this "burn the boats" approach to software development might sound exciting to some folks, it's giving your manager the cold shakes right now. What if I told you that there was a way that you could integrate seamlessly with your legacy Java code, continue to use your trusty IDE and stable production servers, and yet take advantage of many of the exciting new dynamic language features that those fanatics keep prattling on about? You'd probably say, "Groovy!" I would, too...

#### **Session #2 @ Windsor 1 : 10 Things Every Software Architect Should Know by Richard Monson-Haefel**

An effective software architect understands that every application is different and requires unique choices regarding programming language, middleware, integration, data access, user interface design, etc. Richard Monson-Haefel has distilled knowledge from his own experience and from personal interviews with the World's best software architects to define 10 principles every software architect should know in order to be effective.

#### **Session #3 @ Warwick : Spring in Action: Fundamentals for Developing Spring Apps by Craig Walls**

Spring has been one of the most exciting frameworks to emerge in the past few years. With Spring you can decouple your application's objects, enrich them with AOP, and apply transactional boundaries and security to them declaratively. It simplifies data access, remoting, web services, and JMS. It comes with its own web framework. And, even though Spring eliminates much of the need for EJBs, it will still integrate nicely with any EJBs you may have lying around. What's not to love?

#### **Session #4 @ Churchill : Give it a REST by Brian Sletten**

As developers, we sometimes get to make choices about the technologies we use, sometimes not. We base these decisions on personal experiences, recommendations from others and a general sense of where the industry is going. Web Services have been all the rage for several years now. We have been told time and again that we should be building systems around them; as an industry, we've never been more confused. Perhaps it is time to Give it a REST.

#### **Session #5 @ Canterbury : JavaServer Faces: A Whirlwind Tour by David Geary**

In April 2005, annual growth rates for jobs in JavaServer Faces, Struts, and Ruby on Rails were all at about 0%. Today, Struts' growth rate still hovers around 0%, but JSF and Rails have taken off. At the end of 2007, both JSF and Rails were growing at a rate of between 400-500% annually (according to indeed.com). JSF has passed the adoption tipping point, and is now the Java-based framework of choice, as is evidenced by its ecosystem. From vendors such as MyEclipse and RedHat to open source projects such as Seam, Facelets, and Ajax4JSF, JSF is where the action is. Come see why JSF is so popular. In this code- and demo-intensive session, I'll show you the fundamentals of JSF.

2:45 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

#### **Session #6 @ Windsor 2-4 : Groovy, The Red Pill: Metaprogramming, the Groovy Way to Blow a Buttoned-Down Java Developer's Mind by Scott Davis**

This talk focuses on the ways that Groovy can turn a traditional Java developer's world-view upside down. We'll start by talking about how you can thumb your nose at The Man by leaving out many of the main syntactic hallmarks of Java: semicolons, parentheses, return statements, type declarations (aka Duck-typing), and the ever-present try/catch block. Then we'll look at features like operator overloading and method pointers that Groovy welcomes back into the language with open arms.

#### **Session #7 @ Windsor 1 : Developing Rich Internet Applications by Richard Monson-Haefel**

With literally hundreds of RIA products (e.g., Adobe Flash, Nexaweb, Backbase) and open source Ajax projects (e.g. Dojo, GWT, Prototype) to choose from. Picking the right RIA technology for the job requires months of research. Richard Monson-Haefel has been researching and writing about RIA alternatives for two years and has already done the research so you don't have to.

#### **Session #8 @ Warwick : Spring Cleaning: Tips for managing XML clutter in your Spring configuration by Craig Walls**

The biggest complaint about Spring is the vast amount of XML required to configure an application. In this presentation, I'll show you ways to reduce or even eliminate much of the XML required to configure Spring.

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### **Session #9 @ Churchill : RESTlet for the Weary by Brian Sletten**

If you have started to take a look at REST as way of exposing web services or managing information spaces, you may be frustrated by the support offered by legacy containers. There is no direct support for REST concepts in the J2EE specs (yet). XML-based configurations are so 1990's. Come learn about Restlets, a little API that has caught the attention of many in the RESTafarian community.

### **Session #10 @ Canterbury : Facelets by David Geary**

Facelets is a combination of Tiles and Tapestry, and it's the hottest JSF-related open source project on the planet. It's popularity is well deserved, and in fact, much of what is in Facelets today will make its way into the JSF 2.0 spec due out in 2008. So not only can you come to this session and see some really cool demos that you can put to use in the real world, but you'll also be learning JSF 2.0 before it's even been defined! How's that for a ROI?

4:45 - 5:00 PM : BREAK

5:00 - 6:30 PM - Sessions

### **Session #11 @ Windsor 2-4 : Grails for Struts Developers: A Groovy Alternative by Scott Davis**

Struts is the defacto web framework for Java web developers. It has been with us since 2001. Struts enjoys unprecedented success -- most surveys place its market share between 60% and 70%. It introduced a whole generation of web developers to the phrase 'MVC' (Model / View / Controller). Grails 1.0 was released in 2008. It marries the modern features of Rails with the need for legacy support for Struts. Grails is inspired by Rails, but it is not a simple port of the project to Java. It takes the ideas of Rails, but expresses them in familiar Java libraries like Spring and Hibernate. It also leverages a new dynamic language for the JVM called Groovy.

### **Session #12 @ Windsor 1 : Understanding Open Source Licensing by Richard Monson-Haefel**

What does GPL, LGPL, MIT, Apache licenses, copy left, and dual licensing mean? Richard Monson-Haefel explains both the legal and technical implications of the major open source licenses in plain English. He explains when and how you can use open source in the enterprise and in the development of software products and how to protect your organization from abusing open source licensing.

### **Session #13 @ Warwick : Spring-WS: Contract first web-services for Spring by Craig Walls**

Many web-service platforms make web-services easy by simply SOAP-ifying an object's interface. That's certainly a quick way to get started with web-services, but what happens when the object's interface changes?

### **Session #14 @ Churchill : Resource-Oriented Computing w/ NetKernel : Software for the 21st Century by Brian Sletten**

Imagine the simplicity of REST married to the power of Unix pipes with the benefits of a loosely-coupled, logically-layered architecture. If that is hard to imagine, it may be because the architectures available to you today are convoluted accretions of mismatched technologies, languages, abstractions and data models. NetKernel is a disruptive technology that changes the game. It has been quietly gaining mind share in the past several years; people who are exposed to it don't want to go back to the tired and blue conventions of J2EE and .NET. Not only does it make building the kinds of systems you are building today easier, it does it more efficiently, with less code and a far more scalable runway to allow you to take advantage of the emerging multi-core, multi-CPU hardware that is coming our way. Come see how this open source / commercial product can change the way you think about building software.

### **Session #15 @ Canterbury : Seam by David Geary**

Have you ever stopped to think that you need to learn two frameworks to develop a non-trivial, database-backed, web application? Struts and iBatis; JSF and Hibernate; Tapestry and EJB3.0. Two frameworks. And then you have to learn to use them together. Why do we have to learn two frameworks just to retrieve "Hello World" from a database and show it in a view. Isn't that crazy? Now you can use one framework, and use one component model. One. Isn't that nice? Seam, a framework built on JSF and EJB3.0, unifies the JSF and EJB component models. Seam is a steam roller, quickly gathering market share among JSF newbies and longtime believers alike. Come see what it's all about.

6:30 - 7:15 PM : DINNER

Keynote: Keynote: Ancient Philosophers & Blowhard Jamborees - Neal Ford

## **Saturday, Jun. 7**

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

### **Session #16 @ Windsor 2-4 : Evolutionary SOA by Neal Ford**

This session demonstrates that "Agility" and "SOA" complement each other quite well. Just because SOA is buzz-word compliant doesn't mean that you should throw good practices out the window. This session demonstrates how you can apply the principles of agility to building highly complex distributed enterprises.

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### **Session #17 @ Windsor 1 : YSlow: Building Your Website for Speed by Scott Davis**

How optimized is your website? YSlow, a FireFox/FireBug plugin, doesn't pull any punches. It gives any website an A, B, C, D, or F rating based on 14 individual analysis points. You'll be amazed (or depressed) at what YSlow thinks of your site. In this talk, we'll walk through these points step by step, learning what Yahoo! (the creator of this utility) does to keep its web properties running as quickly as possible.

### **Session #18 @ Warwick : Filthy Rich Clients with the Google Web Toolkit, Part I by David Geary**

The Google Web Toolkit (GWT) is truly a revolutionary framework that lets you develop Ajaxified web applications without knowing anything about Ajax or JavaScript. But the GWT goes way beyond basic Ajax by letting you implement desktop-like applications that run in the ubiquitous browser.

### **Session #19 @ Churchill : Beginning Drools - Rule Engines in Java by Brian Sam-Bodden**

Drools is an open source pure-Java implementation of a forward chaining rules engine. Drools can be used in a J2SE or J2EE application and allows you to express rules programatically or by building domain specific rule languages. Learn how Business Rules with Drools can make your Java applications more flexible and robust.

### **Session #20 @ Canterbury : Viva La Javolution! by Brian Sletten**

You're a good Java programmer. You understand the JDK libraries and how to use them. The problem is that many fundamental APIs don't take the bigger performance picture in mind. Garbage collection can end up killing your app if you aren't careful. Concurrency problems and contention can keep your well-intentioned software from leveraging modern hardware architecture that support multi-core and multi-cpu systems. Who knew that simply using the standard library code the way it was designed was opening you up for performance problems in your apps? Don't worry, Javolution has your back.

10:30 - 11:00 AM : BREAK

11:00 - 12:30 PM - Sessions

### **Session #21 @ Windsor 2-4 : Real World JSON by Scott Davis**

JavaScript Object Notation is becoming a familiar delivery platform for Web 2.0 content. JSON gives you all of the flexibility of a RESTful web service without the hassle of trying to deal with deeply nested, complex XML in a language that is conspicuously lacking in native XML support. In this talk, we look at popular websites (like Yahoo!) that offer JSON output. We look at client-side JavaScript code that effortlessly consumes JSON in the browser. We even look at ways to easily generate JSON from Java Servlets (using JSON.org libraries) and the native support for JSON that Grails offers out of the box.

### **Session #22 @ Windsor 1 : Introduction to JRuby by Neal Ford**

This session describes JRuby, the 100% pure-Java implementation of the Ruby programming language. It covers the basics of programming with JRuby and examples of how to integrate it into existing Java projects.

### **Session #23 @ Warwick : Filthy Rich Clients with the Google Web Toolkit, Part II by David Geary**

In the second part of this talk, you will learn how to extend the GWT by implementing custom widgets, including a scrolling viewport and a drag and drop framework. After discussing custom widgets, you will see how to integrate database access into your GWT applications, and how to deploy your GWT applications to external servers.

### **Session #24 @ Churchill : Advanced Rules Programming with Drools by Brian Sam-Bodden**

In this session you'll learn some of the more advanced features of Drools; a pure-Java Rule Engine. This session will walk through the construction of an advanced Rules application covering such topics as: - Fine control and monitoring of a Working Memory session - Using Decision Tables - Advanced Rule Language Features - Building Domain Specific Languages - Managing your Rules

### **Session #25 @ Canterbury : A (re)introduction to Spring Security by Craig Walls**

Spring Security (formerly known as Acegi Security) is a very powerful and flexible security framework for Java. Based on the Spring Framework, Spring Security provides declarative method and web level security including a wealth of options for meeting your application's specific security needs.

12:30 - 1:30 PM : LUNCH

1:30 - 3:00 PM - Sessions

### **Session #26 @ Windsor 2-4 : Grails - Agile Web 2.0 The Easy Way by Jeff Brown**

Grails is a full stack MVC framework for building web applications for the Java platform. Grails makes web application development both fun and easy. This session covers all of the fundamentals of building web applications with Grails.

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### **Session #27 @ Windsor 1 : Know your Java? by Venkat Subramaniam**

Java has been around for well over a decade now. It started out with the goal of being simple. Over the years, it picked up quite a bit of features and along comes complexity. In this presentation we will take a look at some tricky features of Java, those that can trip you over, and also look at some ways to improve your Java code.

### **Session #28 @ Warwick : SOA Unplugged by Mark Richards**

Awareness about Service Oriented Architecture (SOA) has grown significantly in the past several years. Unfortunately, along with that growth has come a significant amount of confusion about what SOA really is. SOA has become such a ubiquitous buzzword that it now has many faces and means different things to different people. CIO's, managers, vendors, business users, architects, and developers all see SOA differently which creates a sea of confusion about what is and isn't SOA. In this highly interactive and thought provoking session we will look beyond the hype and marketure of SOA and explore SOA from an architecture and development point of view - in other words, SOA as an architecture pattern. During this session we will look at SOA use cases, services, integration, implementation, guiding architecture principles of SOA, and attempt to answer the following question: What is and isn't SOA?

### **Session #29 @ Churchill : Professional Java UI development with the Eclipse RPC by Brian Sam-Bodden**

Learn how to build featured rich applications using the Eclipse Rich Client Platform. The Eclipse platform is an open tools platform, on top of this platform you can build your own applications (which do not need to be IDE like or IDE related). Yet you can enjoy the benefits of working with a mature and featured rich platform that can greatly reduce the amount of time required to create a professional-looking and robust Java UI application.

### **Session #30 @ Canterbury : Test Driven Design by Neal Ford**

Most developers think that "TDD" stands for Test-driven Development. But it really should stand for "Test-driven Design". Rigorously using TDD makes your code much better in multiple ways.

3:00 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

### **Session #31 @ Windsor 2-4 : Advanced Web Development With Grails by Jeff Brown**

Grails makes web application development both fun and easy. This session dives beyond the basics to cover advanced details of Grails that bring the really exciting features to your applications.

### **Session #32 @ Windsor 1 : Acceptance Testing Application Behavior by Venkat Subramaniam**

How do you ensure your applications meet the expectations of your key customers? In this session we will explore using the FIT tool and Behavior Driven Design tools to do exactly this.

### **Session #33 @ Warwick : The Busy Java Developer's Guide to ClassLoaders by Ted Neward**

If you've ever gotten a ClassCastException and just knew the runtime was wrong about it, or found yourself copying .jar files all over your production server just to get your code to run, then you probably find the Java ClassLoader mechanism to be deep, dark, mysterious, and incomprehensible. Take a deep breath, and relax--ClassLoaders aren't as bad as they seem at first, once you understand a few basic rules regarding their operation, and have a bit more tools in your belt to diagnose ClassLoader problems. And once you've got that, and hear about ClassLoaders' ability to run multiple versions of the same code at the same time, and to provide isolation barriers inside your application, or even compile code on the fly from source form, you might just find that you like ClassLoaders after all... maybe.

### **Session #34 @ Churchill : Boosting Programmer productivity with Mylyn by Brian Sam-Bodden**

Mylyn is a task-focused toolkit for the Eclipse IDE that allows developers to focus on tasks in a way that they never been able to do before. Mylyn eliminates the constant context switching produced by typical ways IDEs are used. No more scrolling/browsing/searching/tagging/sending emails with progress updates... Mylyn provides a new way of working that allows you to focus on specific tasks by reducing information overload. Mylyn also provides a framework for integrating with the most commonly usage task tracking systems and version control systems. In this talk you'll learn how Mylyn can boost your productivity as a Java developer by letting you get the most out of your IDE.

### **Session #35 @ Canterbury : Code Metrics & Analysis for Agile Projects by Neal Ford**

What does code + methodology have to do with one another? Everything! Agile projects focus on delivering working code, and tools exist to allow you to verify some quality metrics for your code. This session is a survey of tools and metrics that allow you to determine the quality of your code and strategies to "wire it" into your agile project.

4:45 - 5:30 PM : BIRDS OF A FEATHER SESSION

## **Sunday, Jun. 8**

8:00 - 9:00 AM : BREAKFAST

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9:00 - 10:30 AM - Sessions

### **Session #36 @ Windsor 2-4 : Beginning Object-Relational Mapping with Hibernate by Brian Sam-Bodden**

Hibernate is an open source Object-Relational Mapping Framework that mostly automates the tedious and time-consuming task of persisting Java objects to a relational database. Hibernate is quickly becoming the preferred way for enterprise developers to overcome the object-relational impedance mismatch and a good alternative to the coarse-grained Entity EJBs, low-level raw JDBC, and by-committee specifications like JDO. Learn what your choices in the ORM arena, what to look for in an ORM tool, and how to get started with Hibernate for your next J2SE or J2EE project.

### **Session #37 @ Windsor 1 : Design Patterns in Java and Groovy by Venkat Subramaniam**

You're most likely familiar with the Gang-of-four design patterns and how to implement them in Java. However, you wouldn't want to implement those patterns in a similar way in Groovy. Furthermore, there are a number of other useful patterns that you can apply in Java and Groovy. In this presentation we'll look at two things: How to use patterns in Groovy and beyond Gang-of-four patterns in Groovy and Java.

### **Session #38 @ Warwick : What You Don't Know About Cryptography by Roman Hustad**

This session provides a gentle introduction to cryptography then covers the many subtle mistakes that even experienced developers make when writing cryptographic code.

### **Session #39 @ Churchill : The Busy Java Developer's Guide to Debugging by Ted Neward**

Bugs? We all know your code has no bugs, but someday, you're going to find yourself tracking down a bug in somebody else's code, and that's when it's going to be helpful to have some basic ideas about bug-tracking in your toolbox. Learn to make use of the wealth of tools that the Java Standard Platform makes available to you--tools that your IDE may not know exist, tools that you can make use of even within a production environment.

### **Session #40 @ Canterbury : Enterprise Messaging Using JMS (Part 1) by Mark Richards**

The chances are good that at some point in your career you will need to use messaging to pass information between applications, subsystems, or external systems, particularly with service-oriented architecture on the rise. The Java Messaging Service (JMS) allows Java applications to implement messaging using a standard API, thereby removing the dependency on any particular messaging provider. In Part 1 of this session we will take a look at some of the basics of messaging, including sending and receiving messages, message types, and request/reply messaging. I will begin the session by going over the basics of messaging and the JMS API. Then, through interactive coding using OpenJMS I will demonstrate how to connect to the JMS provider, send messages, receive messages, and use message properties. Please note that this is a two part session.

10:30 - 11:00 AM : MORNING BREAK

11:00 - 12:30 PM - Sessions

### **Session #41 @ Windsor 2-4 : 10 ways to use Hibernate effectively by Brian Sam-Bodden**

Learn 10 tried and true ways to improve the way you use Hibernate today. In this session you would learn about a collection of 10 tips, tricks, practices and tools that will make you more effective at designing, implementing, testing and tuning your application's Hibernate-powered object-relational layer.

### **Session #42 @ Windsor 1 : Caring about your Code Quality by Venkat Subramaniam**

We all have seen our share of bad code. We certainly have come across some good code as well. What are the characteristics of good code? How can we identify those? What practices can promote us to write and maintain more of those good quality code. This presentation will focus on this topic that has a major impact on our ability to be agile and succeed.

### **Session #43 @ Warwick : Web Application Hacking by Roman Hustad**

See the hacker's toolbox in action as various web applications are ripped open by exploiting simple software bugs. Common problems such as Cross-Site Scripting (XSS) and SQL Injection will be demonstrated and explained, along with more subtle vulnerabilities including privilege escalation, data tampering, and Cross-Site Request Forgery.

### **Session #44 @ Churchill : The Busy Java Developer's Guide to Monitoring by Ted Neward**

Crashes? Outages? Slow response? We all know that it's never your code that causes these things, but for some reason those pesky system administrators still insist on paging you at 4AM to come in and fix those problems, anyway. For some reason, they just keep expecting you to support this thing, even after QA said it was OK!

### **Session #45 @ Canterbury : Enterprise Messaging With JMS (Part 2) by Mark Richards**

In Part 1 of the JMS session I covered messaging models, messaging basics, the JMS API, and point-to-point messaging. In this interactive code-intensive session I will cover some additional JMS topics such as browsing queues, publishing and subscribing to messages within the pub/sub model, durable and non-durable subscribers, message selectors, and message filtering. I will also discuss

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and demonstrate message prioritization, persistent and non-persistent messages, and finally message expiration (expiry). Note that this is Part 2 of a two-part JMS session.

12:30 - 1:15 PM : LUNCH

1:15 - 2:15 PM : EXPERT PANEL DISCUSSION

2:15 - 3:45 PM - Sessions

### **Session #46 @ Windsor 2-4 : Java Persistence: Approaching the Silver Bullet by Mark Richards**

Java Persistence has come along way since the days of straight JDBC coding and custom framework development. We have at our disposal several outstanding open source frameworks such as Hibernate, Toplink, iBatis, and OpenJPA (just to name a few), and we now have a promising and emerging standards-based solution called Java Persistence API (JPA). However, all too often we find in the Java persistence space that it is a world of one-size-does-not-fit-all. We continually struggle with traditional ORM solutions like Hibernate when it comes to reporting queries, complex queries, complex relationships, and stored procedures, and we also struggle with managing the enormous amount of SQL required for solutions such as iBatis or JDBC-based frameworks. In this coding-intensive session we will take a detailed look at identifying and overcoming the challenges we face when using frameworks such as Hibernate, iBatis, and JPA, and how to combine the various persistence frameworks to create an effective Java persistence solution that approaches (but of course does not reach) the silver bullet.

### **Session #47 @ Windsor 1 : The Busy Java Developer's Guide to Performance and Scalability by Ted Neward**

Wondering why your enterprise Java app just... sucks? Trying to figure out why you can't get more than 10 concurrent users online at the same time? Looking for ways to try and spot the slowdowns and ways to fix them?

### **Session #48 @ Warwick : How to Catch Hackers: Security Auditing and Logging by Roman Hustad**

This session examines the code that developers must write in order to enable the detection of malicious activity and preservation of evidence after a security breach.

### **Session #49 @ Churchill : Tool support for Agile Databases: Introducing Liquibase by John Heintz**

This presentation introduces and demonstrates Liquibase: a new Java tool to support automating database refactoring and deployment.

### **Session #50 @ Canterbury : Agile Test Driven Development With Groovy by Jeff Brown**

Dynamic languages bring a lot of interesting elements to the table for teams interested in doing Test Driven Development (TDD). Groovy lends itself very well to TDD and this session demonstrates many features of the language and its libraries that help teams build more testable systems and build better tests.

3:45 - 4:00 PM : BREAK

4:00 - 5:30 PM - Sessions

### **Session #51 @ Windsor 2-4 : Transaction Design Patterns by Mark Richards**

Most web-based applications rely solely on the database to manage transactions, thereby freeing the developer from having to worry about transaction management. While this works in some circumstances, there are times when the use of transactions is vital to the integrity and operations of an application and its corresponding data. In this session I will demonstrate through real-world coding examples why transactions are such a critical part of the application development process. I will review the basics of both programmatic and declarative transactions, then introduce three transaction design patterns and explain when they should be applied, how to use them, and what problems they solve. By the end of this session you will see that by using transaction design patterns you can build an effective transaction management strategy for your application with very little effort.

### **Session #52 @ Windsor 1 : The Busy Developer's Guide to Scala by Ted Neward**

Scala is a new programming language incorporating the most important concepts of object-oriented and functional languages and running on top of the Java Virtual Machine as standard "dot-class" files.

### **Session #53 @ Warwick : How to Do a Security Code Review by Roman Hustad**

This session is a hand-on exercise in Java code review that will cover both manual and automated techniques. If you envision code review as a line-by-line slog through thousands of programs, you will be surprised to learn some effective techniques that reduce the tedium and increase your enjoyment of this activity (well, maybe not the enjoyment part). Familiar methods such as pair programming and peer reviews are a great place to start and will immediately increase the security of your code base.

### **Session #54 @ Churchill : Glassbox: Open Source Java Monitoring and Troubleshooting by John Heintz**

In this session you will learn about the Glassbox open source troubleshooting and monitoring tool. Glassbox enable detection of common application problems such as database failures, slow operations, thread contention, and excessive distributed calls. Glassbox enables low overhead monitoring and troubleshooting without needing to "bake in" instrumentation up front.

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### **Session #55 @ Canterbury : Powerful Metaprogramming Techniques With Groovy by Jeff Brown**

Metaprogramming is a key component in building truly dynamic and flexible applications with Groovy. Groovy's metaprogramming capabilities bring great new possibilities to the table that would be very difficult or just plain impossible to write with Java alone. This session will demystify a lot of the magic that seems to be going on inside of a Groovy application.