

Southern Ohio Software Symposium

Cincinnati Marriott Northeast

August 15 - 17, 2008

<http://www.nofluffjuststuff.com/conference/cincinnati/2008/08/index.html>

(event schedule as of August 13, 2008)

Fri, Aug. 15, 2008					
	1	2	3	4	5
12:00 - 1:00 PM	REGISTRATION				
1:00 - 1:15 PM	WELCOME				
1:15 - 2:45 PM	The Busy Java Developer's Guide to Annotations Ted Neward	Groovy, the Blue Pill: Writing Next Generation Java Code in Groovy Scott Davis	Test-driven Design Neal Ford	JavaServer Faces: A Whirlwind Tour David Geary	10 Tips for Getting Your Project Back on Track Jared Richardson
2:45 - 3:15 PM	BREAK				
3:15 - 4:45 PM	The Busy Java Developer's Guide to Debugging Ted Neward	Groovy, The Red Pill: Metaprogramming, the Groovy Way to Blow a Buttoned-Down Java Developer's Mind Scott Davis	Evolutionary SOA Neal Ford	Facelets David Geary	Techniques 2008 Jared Richardson
4:45 - 5:00 PM	BREAK				
5:00 - 6:30 PM	The Busy Java Developer's Guide to Monitoring Ted Neward	Grails for Struts Developers: A Groovy Alternative Scott Davis	The Productive Programmer: Practice (10 Ways to Improve Your Code) Neal Ford	Rich Faces David Geary	Credit Card Software Development: Recognizing and Repaying Technical Debt Jared Richardson
6:30 - 7:15 PM	DINNER				
7:15 - 8:00 PM	Keynote: by Neal Ford				

Sat, Aug. 16, 2008					
	1	2	3	4	5
8:00 - 9:00 AM	BREAKFAST				
9:00 - 10:30 AM	The Busy Java Developer's Guide to Concurrency (Part 1: Threads) Ted Neward	Introduction to Hibernate Scott Leberknight	Enterprise Integration with Spring, Part 1 Mark Fisher	YSlow: Building Your Website for Speed Scott Davis	Agile Software Testing Strategies Jared Richardson
10:30 - 11:00 AM	BREAK				
11:00 - 12:30 PM	The Busy Java Developer's Guide to Concurrency (Part 2: Concurrency) Ted Neward	Real World Hibernate Tips Scott Leberknight	Enterprise Integration with Spring, Part 2 Mark Fisher	Intro to Seam David Geary	Build Teams, Not Products Jared Richardson
12:30 - 1:30 PM	LUNCH				
1:30 - 3:00 PM	The Busy Java Developer's Guide to Performance and Scalability Ted Neward	Google Your Domain Objects With Hibernate Search Scott Leberknight	Configuring Spring with Annotations Mark Fisher	Filthy Rich Clients with the Google Web Toolkit, Part I David Geary	Guerilla Unit Testing Part 1: TestNG Howard Lewis Ship
3:00 - 3:15 PM	BREAK				
3:15 - 4:45 PM	The Busy Java Developer's Guide to Java Platform Security Ted Neward	Groovier Spring (More Flexible Applications With Spring and Groovy) Scott Leberknight	Real World JSON Scott Davis	Filthy Rich Clients with the Google Web Toolkit, Part II David Geary	Guerilla Unit Testing Part 2: The Weird and Wonderful EasyMock Howard Lewis Ship
4:45 - 5:30 PM	BIRDS OF A FEATHER SESSION				

Sun, Aug. 17, 2008					
	1	2	3	4	5
8:00 - 9:00 AM	BREAKFAST				
9:00 - 10:30 AM	Introduction to JRuby Neal Ford	New Features in Spring Web Keith Donald	The Busy Java Developer's Guide to ClassLoaders Ted Neward	Basic JPA & JPAQL Pratik Patel	Professional Java UI development with the Eclipse RPC Brian Sam-Bodden
10:30 - 11:00 AM	MORNING BREAK				
11:00 - 12:30 PM	Meta-programming JRuby for Fun & Profit Neal Ford	Decorating Web Pages with Ajax using Spring JavaScript Keith Donald	The Busy Java Developer's Guide to Reflection Ted Neward	Enterprise JPA - Tips and Tricks for JEE5 Persistence Pratik Patel	Boosting Programmer productivity with Mylyn Brian Sam-Bodden
12:30 - 1:15 PM	LUNCH				
1:15 - 2:15 PM	EXPERT PANEL DISCUSSION				
2:15 - 3:45 PM	Introduction to Tapestry 5 Howard Lewis Ship	Spring Web Flow 2 Deep Dive Keith Donald	The Busy Java Developer's Guide to Hacking (on) the JDK Ted Neward	Beginning Drools - Rule Engines in Java Brian Sam-Bodden	Productive Programmer: Acceleration & Automation Neal Ford
3:45 - 4:00 PM	BREAK				
4:00 - 5:30 PM	Pragmatic Patterns with Tapestry 5 IoC Howard Lewis Ship	Groovy, Grails and Google Maps: Mashups 101 Scott Davis	The Busy Developer's Guide to Scala Ted Neward	Advanced Rules Programming with Drools Brian Sam-Bodden	Productive Programmer: Canonality & Focus Neal Ford

Southern Ohio Software Symposium

-Session Schedule-

(event schedule as of August 13, 2008)

Friday, Aug. 15

12:00 - 1:00 PM : REGISTRATION

1:00 - 1:15 PM : WELCOME

1:15 - 2:45 PM - Sessions

Session #1 : The Busy Java Developer's Guide to Annotations by Ted Neward

Want to get the soup-to-nuts story on Java annotations? In this presentation, we'll first talk about what annotations provide to the Java language. After setting ourselves a conceptual basis to operate from, we'll look at the language definition for Java annotations, from how to use them to how to define them. Finally, we'll take a look at the other side of annotations, consuming them at source-level (using "apt", the annotation processing tool), class-level (using a bytecode toolkit such as BCEL), and at runtime (using enhancements to the Reflection API made in Java5).

Session #2 : 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 #3 : Test-driven Design by Neal Ford

This session demonstrates how stringent TDD improves the structure of your code.

Session #4 : 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. **Prerequisite:** *Some knowledge of Java-based web applications, such as Struts, is a plus, but is not required. If you have a significant experience with JSF, you probably already know most of what's covered in this session.*

Session #5 : 10 Tips for Getting Your Project Back on Track by Jared Richardson

Software projects fail over and over for many of the same reasons. We'll look at some of the more avoidable problems and some solid ways to fix them, or avoid them in the first place.

2:45 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #6 : 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 #7 : 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 #8 : 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.

Session #9 : 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

Southern Ohio Software Symposium

-Session Schedule-

(event schedule as of August 13, 2008)

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? **Prerequisite:** *Some knowledge of JSF is essential. If you're familiar with a templating framework, such as Velocity or Tiles, that's a plus, but not required.*

Session #10 : Techniques 2008 by Jared Richardson

There are a number of great techniques you can use across technologies and projects. Come hear some of my favorites and contribute a few of your own. We'll discuss topics from DRY to creating a zone defense for your product.

4:45 - 5:00 PM : BREAK

5:00 - 6:30 PM - Sessions

Session #11 : 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 #12 : 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 #13 : The Productive Programmer: Practice (10 Ways to Improve Your Code) by Neal Ford

No one writes perfect code: even the best developers fall into bad habits and traps. These topics from The Productive Programmer illustrate blind spots and helps you write better code.

Session #14 : Rich Faces by David Geary

This talk explores the RichFaces Ajax framework, which is really two frameworks: Ajax4jsf and RichFaces components. In this session you will see how to implement low-level Ajax functionality using Ajax4JSF, and how to use high-level Ajax components from RichFaces. **Prerequisite:** *Some knowledge of JSF is required, in addition to familiarity with Ajax.*

Session #15 : Credit Card Software Development: Recognizing and Repaying Technical Debt by Jared Richardson

Technical debt has long been recognized in technical circles for years, but convincing your manager to budget time to repay "technical debt" has always been problematic. Let's couch the term technical debt concept in language more familiar to our managers: credit card debt.

6:30 - 7:15 PM : DINNER

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

Saturday, Aug. 16

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #16 : The Busy Java Developer's Guide to Concurrency (Part 1: Threads) by Ted Neward

Java's threading capabilities took a serious turn for the better with the release of Java5, thanks to the incorporation of the java.util.concurrent packages, a set of pre-built components for thread pooling and execution, synchronization, and more.

Session #17 : Introduction to Hibernate by Scott Leberknight

This session introduces the Hibernate Object/Relational Mapping (ORM) framework, showing the basics of persisting Java objects to relational databases. No prior knowledge of Hibernate or ORM is assumed.

Session #18 : Enterprise Integration with Spring, Part 1 by Mark Fisher

The first part of this two-part session will focus on the essentials of Enterprise Integration with Spring. The discussion will cover the enterprise integration support libraries in the Spring Framework core within the context of well-established design principles such as loose coupling and separation of concerns.

Southern Ohio Software Symposium

-Session Schedule-

(event schedule as of August 13, 2008)

Session #19 : 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 #20 : Agile Software Testing Strategies by Jared Richardson

Creating and maintaining a solid automated test suite is critical to an Agile strategy, but often we're just told to "Do it." In this talk we'll look at several pragmatic strategies for creating and building your suite.

10:30 - 11:00 AM : BREAK

11:00 - 12:30 PM - Sessions

Session #21 : The Busy Java Developer's Guide to Concurrency (Part 2: Concurrency) by Ted Neward

Java's threading capabilities have been a part of the Java platform since its inception, yet for many Java developers, using Threads still remain a dark and mysterious art, and synchronization beyond the use of the "synchronized" keyword is almost unknown.

Prerequisite: The Busy Java Developer's Guide to Concurrency (Part 1: Threads)

Session #22 : Real World Hibernate Tips by Scott Leberknight

Hibernate is a very powerful object/relational mapping framework. With the vast amount of power also comes the responsibility to choose which features of Hibernate to use and how to use them, as well as things to avoid. We'll look at some real world Hibernate tips and tricks in this session.

Session #23 : Enterprise Integration with Spring, Part 2 by Mark Fisher

The second part of this two-part session will introduce Spring Integration, a new addition to the Spring portfolio. We will begin with a high-level overview of Enterprise Integration Patterns as catalogued in the highly influential book of the same name. We will then embark on a demo-driven exploration of Spring Integration to see how it enables the development of applications based on those patterns. *Prerequisite: Enterprise Integration with Spring, Part 1*

Session #24 : Intro to 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.

Session #25 : Build Teams, Not Products by Jared Richardson

A great team builds great software, but how do you build a great team?

12:30 - 1:30 PM : LUNCH

1:30 - 3:00 PM - Sessions

Session #26 : 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 #27 : Google Your Domain Objects With Hibernate Search by Scott Leberknight

Hibernate is one of the pre-eminent object/relational mapping technologies, but the Hibernate Search project adds full-text search capabilities to an already extremely capable tool to allow you to Google your domain objects.

Session #28 : Configuring Spring with Annotations by Mark Fisher

In this session, we will take a deep-dive into annotation-based dependency injection with Spring 2.5. You will learn how to combine annotation and XML formats, how to customize component scanning, and how to leverage Java 6 annotations within a Spring application. Since there is no "one size fits all" solution to application configuration, we will wrap up the discussion with general guidelines to consider when employing this approach.

Session #29 : 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 #30 : Guerilla Unit Testing Part 1: TestNG by Howard Lewis Ship

Part one (of two) covers the TestNG unit testing framework, and shows how it integrates with Selenium (for integration testing).

Southern Ohio Software Symposium

-Session Schedule-

(event schedule as of August 13, 2008)

3:00 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #31 : The Busy Java Developer's Guide to Java Platform Security by Ted Neward

Permissions, policy, SecurityExceptions, oh my! The Java platform is a rich and powerful platform, complete with a rich and powerful security mechanism, but sometimes understanding it and how it works can be daunting and intimidating, and leave developers with the basic impression that it's mysterious and dark and incomprehensible. Nothing could be further from the truth, and in this presentation, we'll take a pragmatic, code-first look at the Java security platform, including Permissions, the SecurityManager and its successor, AccessController, the Policy class and policy file syntax, JAAS, and more.

Session #32 : Groovier Spring (More Flexible Applications With Spring and Groovy) by Scott Leberknight

Spring provides a solid foundation for web and enterprise applications. Its support for dynamic languages like Groovy adds interesting capabilities that can make your application architecture more flexible and dynamic.

Session #33 : 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 #34 : 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 #35 : Guerilla Unit Testing Part 2: The Weird and Wonderful EasyMock by Howard Lewis Ship

In part two (of two) we go in depth on EasyMock, the weird and wonderful tool for creating mock objects on the fly. We'll do a good bit of live coding as we examine how to use, tame and extend this powerful tool.

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

Sunday, Aug. 17

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #36 : 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 #37 : New Features in Spring Web by Keith Donald

Spring has a number of interesting modules for web application development, including Spring Web MVC, Spring Web Flow, Spring JavaScript, and Spring Faces. This session will provide an overview of these modules and show how they relate to one another. By the end of this session, you'll understand how Spring simplifies the development and deployment of rich web applications. You'll also gain a glimpse into the roadmap for Spring Web 3.0.

Session #38 : 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 #39 : Basic JPA & JPAQL by Pratik Patel

Doing basic Object-to-Relational Mapping is fun and easy with JPA. Annotate your persistent classes, define a couple of configuration parameters, and you're off and running. This session starts with a basic object model and adds persistence using annotations. Learn how to do mappings for your object model for simple and complex relationships. Also learn how to map Java5 constructs like Enumerations. Unit testing with JPA can be tricky. Where do you use mock objects? How can I structure my unit tests to exercise my

Southern Ohio Software Symposium

-Session Schedule-

(event schedule as of August 13, 2008)

DAO's effectively? How do I unit test JPAQL? Do I need to enhance or can I use a LoadTimeWeaver in my unit tests? This presentation will show, using live code examples, how to effectively unit test JPA components so developers can have confidence in the code they build using JPA.

Session #40 : 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.

10:30 - 11:00 AM : MORNING BREAK

11:00 - 12:30 PM - Sessions

Session #41 : Meta-programming JRuby for Fun & Profit by Neal Ford

Ruby is the revenge of the Smalltalkers. Not since Smalltalk has a language had such powerful meta-programming facilities. While this may seem like a minor feature, it turns out that surgical meta-programming allows solutions to problems that are clearer, more concise, more maintainable, and take orders of magnitudes fewer lines of code.

Session #42 : Decorating Web Pages with Ajax using Spring JavaScript by Keith Donald

Spring JavaScript is a JavaScript abstraction framework that allows you to progressively enhance a web page with behavior. The framework consists of a public JavaScript API along with an implementation that builds on the Dojo Toolkit. Spring.js aims to simplify the use of Dojo for common enterprise scenarios while retaining its full-power for advanced use cases. Come to this session to learn to use Spring.js and Dojo to create compelling user interfaces.

Session #43 : The Busy Java Developer's Guide to Reflection by Ted Neward

If you've never used Reflection (`java.lang.reflect`), you don't know what you're missing. In this presentation, we'll take a code-first, soup-to-nuts look at the Java Reflection APIs, from how to examine the class metadata that Reflection provides, to using annotations to enhance that metadata with your own information, even through the use of Java Dynamic Proxies to create flexible object "interceptors" that can layer services in front of ordinary method calls with nothing more complicated than an interface and a factory.

Session #44 : Enterprise JPA - Tips and Tricks for JEE5 Persistence by Pratik Patel

As with many technologies, the basics are easy. The hard part comes when the developer needs to do sophisticated integration, development, and testing as part of an enterprise application. A large enterprise application requires the developer to think of issues that affect the development, scalability and robustness of the application. This presentation will cover the advanced topics described below. A large enterprise application often will have several sub-projects that each contain their own JPA persistence unit. This opens up a number of questions around how to organize the persistence units and how the code between sub-projects should interoperate. Developers will gain insight into these issues and will see a couple of solutions using live code examples.

Session #45 : 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.

12:30 - 1:15 PM : LUNCH

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

2:15 - 3:45 PM - Sessions

Session #46 : Introduction to Tapestry 5 by Howard Lewis Ship

Tapestry 5 is a complete rewrite of Tapestry from the ground up. It takes everything good about Tapestry and cranks the volume up to eleven, while removing the frustrating parts of using Tapestry. This session takes the new and innovative technology, showing off important new features such as live class reloading (the ability to change your Java classes and continue using the application without interruption or redeployment), the simplified coding model, and the total lack of XML. This session is of interest to those already using Tapestry 4, and those new to Tapestry and ready to jump on the bandwagon.

Session #47 : Spring Web Flow 2 Deep Dive by Keith Donald

Web Flow is a Spring Web MVC extension that allows you to define Controllers using a higher-order domain-specific-language. This language is designed to model user interactions that require several requests into the server to complete, or may be invoked from different contexts. This session dives deep into the features of the Web Flow definition language, and illustrates how to use it to create sophisticated controller modules.

Southern Ohio Software Symposium

-Session Schedule-

(event schedule as of August 13, 2008)

Session #48 : The Busy Java Developer's Guide to Hacking (on) the JDK by Ted Neward

Ever since its 1.1 release, the Java Virtual Machine steadily becomes a more and more "hackable" (configurable, pluggable, customizable, choose your own adjective here) platform for Java developers, yet few, if any, Java developers take advantage of it. Time to take the kid gloves off, crack open the platform, and see what's there. Time to play.

Session #49 : 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 #50 : Productive Programmer: Acceleration & Automation by Neal Ford

Developers from the 1980s would be shocked at how inefficiently developers use their computers because of the advent of graphical operating systems. This talk describes how to reclaim productivity afforded by intelligent use of command lines and other ways of accelerating your interaction with the computer and bending computers to do your bidding. Stop working so hard for your computer!

3:45 - 4:00 PM : BREAK

4:00 - 5:30 PM - Sessions

Session #51 : Pragmatic Patterns with Tapestry 5 IoC by Howard Lewis Ship

Everyone likes the Gang of Four design patterns, but it's not always clear just how to make use of them in your day to day coding efforts. Hidden inside Tapestry 5 is an Inversion of Control (IoC) container that is structured around several common patterns (Chain of Command, Strategy, Decorator and Filter Chain will be covered). This isn't academic navel-gazing ... this is about leveraging the common patterns so that you can write code you can easily test, and about creating frameworks and toolkits that can be easily extended. We'll see how Tapestry uses these patterns, and go from there into how you can apply the same techniques to your own projects, resulting in better, cleaner, more testable code.

Session #52 : Groovy, Grails and Google Maps: Mashups 101 by Scott Davis

Groovy is a new dynamic language that dramatically speeds up Java development. Grails is a complete web framework in a box, including a web server and a database. Google Maps allows you to add maps to your webpage in a few lines of code. Put all three together and you are built for speed.

Session #53 : 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 ".class" files.

Session #54 : 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
Prerequisite: Beginning Drools

Session #55 : Productive Programmer: Canonicity & Focus by Neal Ford

Getting work done in modern office environments is a daunting task. This session tackles 2 of the things that drag down developer productivity: lack of focus and creeping repetition.