

South Florida Software Symposium

Hotel Intercontinental Miami West

May 18 - 20, 2007

<http://www.nofluffjuststuff.com/sh/2007-05-miami>

Fri, May. 18, 2007				
	Acacia 1&2	Acacia 3	Magnolia	Azalea
12:00 - 1:15 PM	REGISTRATION/WELCOME			
1:15 - 2:45 PM	Domain Driven Design Venkat Subramaniam	The Busy Java Developer's Guide to ClassLoaders Ted Neward	Enterprise Ajax with Java Greg Murray	10 Ways to Improve Your Code Neal Ford
2:45 - 3:15 PM	BREAK			
3:15 - 4:45 PM	Groovy for Java Programmers Venkat Subramaniam	The Busy Java Developer's Guide to Debugging and Monitoring Ted Neward	Enterprise JavaScript Greg Murray	Implementing SOA Neal Ford
4:45 - 5:00 PM	BREAK			
5:00 - 6:30 PM	Agile Web Development with Grails Venkat Subramaniam	The Busy Java Developer's Guide to Java Platform Security Ted Neward	Project jMaki - Enabling Web 2.0 Application Developers Greg Murray	Agile Immersion David Hussman
6:30 - 7:15 PM	DINNER			
7:15 - 8:00 PM	Keynote: by Neal Ford			

Sat, May. 19, 2007				
	Acacia 1&2	Acacia 3	Magnolia	Azalea
8:00 - 9:00 AM	BREAKFAST			
9:00 - 10:30 AM	Productive Programmer: Acceleration, Focus, and Indirection Neal Ford	Spring 2.0: New and Noteworthy Ben Hale	Java 6 Features, what's in it for you? Venkat Subramaniam	Creating Agile Requirements David Hussman
10:30 - 11:00 AM	BREAK			
11:00 - 12:30 PM	Productive Programmer: Automation and Canonicity Neal Ford	Spring and Hibernate in the Middle Tier Ben Hale	OSGi: A Well Kept Secret Venkat Subramaniam	Coaching and Leading Agile Projects David Hussman
12:30 - 1:30 PM	LUNCH			
1:30 - 3:00 PM	Spring into Groovy Venkat Subramaniam	Open Source SOA Burr Sutter	Power Regular Expressions in Java Neal Ford	Executable Documentation David Hussman
3:00 - 3:15 PM	BREAK			
3:15 - 4:45 PM	Acegi Security: The security framework with the funny name Ben Hale	JBoss ESB Deep Dive Burr Sutter	The Busy Java Developer's Guide to Reflection Ted Neward	Metrics-driven Agile Development Neal Ford
4:45 - 5:30 PM	BIRDS OF A FEATHER SESSIONS			

Sun, May. 20, 2007				
	Acacia 1&2	Acacia 3	Magnolia	Azalea
8:00 - 9:00 AM	BREAKFAST			
9:00 - 10:30 AM	Debugging and Testing the Web Tier Neal Ford	Spring MVC Essentials Mark Fisher	Annotation Hammer Venkat Subramaniam	Java6: Exploring Mustang Ted Neward
10:30 - 11:00 AM	BREAK			
11:00 - 12:30 PM	Advanced Selenium Neal Ford	Introduction to Hibernate Scott Leberknight	Practices of an Agile Developer Venkat Subramaniam	The Busy Developer's Guide to Rules and Rules Engines Using JESS Ted Neward
12:30 - 1:15 PM	LUNCH			
1:15 - 2:15 PM	EXPERT PANEL DISCUSSION			
2:15 - 3:45 PM	Introduction to JRuby Neal Ford	Effective Hibernate Scott Leberknight	get Fit Venkat Subramaniam	Developing Portlets with Spring Portlet MVC Mark Fisher
3:45 - 4:00 PM	BREAK			
4:00 - 5:30 PM	Rails for JRuby Neal Ford	Advanced Hibernate Scott Leberknight	Drooling with Groovy and Rules Venkat Subramaniam	The Role of Spring in an ESB Mark Fisher

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Spring 2.0: New and Noteworthy by Ben Hale

Spring 2.0 has marked a major advance in the Spring Framework. While still maintaining backwards compatibility, this release adds quite a few new features. What are those features and how do they add value? Come by and see.

Spring and Hibernate in the Middle Tier by Ben Hale

To today's JEE developer, there are two indispensable tools for creating applications; Spring and Hibernate. Together these two frameworks comprise one of the most powerful and often used stacks in the industry. While it is possible to do amazing things it's not always obvious how best to use them to maximize value. This session aims to correct that.

Acegi Security: The security framework with the funny name by Ben Hale

Security is one of the major requirements in modern day enterprise applications and yet it is also one of the weakest parts of most developers toolboxes. The problem is of course that security is HARD! It turns out that rather than reinventing the wheel for each application, developers can turn to a great security framework out there already; Acegi.

Open Source SOA by Burr Sutter

At some point, code will be written, software tools will be acquired and systems will be built. Unfortunately the Java development world is a confused mess as it relates to a method of building a Service Oriented Architecture (SOA)-based anything. Should I use Web Services everywhere? Is an Enterprise Services Bus (ESB) useful and required? Should I be programming in the XML-based syntax of BPEL instead of Java? How do I even know what a "service" looks like?

JBoss ESB Deep Dive by Burr Sutter

This session will be a deep dive into the capabilities of the open source JBoss Enterprise Service Bus.

Agile Immersion by David Hussman

Have you heard about SCRUM or XP but never done it? If you want to give it a try, this session will allow you to participate in planning and executing several agile iterations. A working knowledge of either XP or SCRUM will be helpful but not mandatory.

Creating Agile Requirements by David Hussman

Successful project communities balance written requirements with a healthy amount of discussion. This is at the core of requirements that could be deemed #agile#. Many agile projects choose to use user stories, but others may be using use cases or other forms of written requirements. This session is for anyone wanting to improve their requirements, including the creation of good requirement and the presentation styles that help people focus on creating great software products, and stop focusing on documents.

Coaching and Leading Agile Projects by David Hussman

Is someone asking you to lead an agile project? There are many #how to be agile# books, but the coverage of skills and techniques for leading are a bit on the light side. Whether you are a manager, tech lead, or a non-stop inspiration for your fellow developers, this session will provide you with new insights into the how and whys associated with coaching / leading an agile project or an agile transition.

Executable Documentation by David Hussman

Why is so much documentation worthless? Wouldn't it be nice if your documentation actually reflected what your system does? One way to do this is through is by creating #executable documentation. If you are struggling with ambiguous requirements, lack of contact with the business, or a chasm between development and testing, this session is for you.

Enterprise Ajax with Java by Greg Murray

Ajax and Java are the perfect combination for creating Web 2.0 applications. This session will many of the key issues that Java developers may experience when developing Ajax clients and services. Topics that we will cover various topics related to creating services for JavaScript centric clients including security, debugging, and working with JavaScript Object Notation (JSON). This session will conclude with a discussion of both Java-centric and JavaScript-centric approaches (i.e, light client-side logic versus heavy client-side logic) along with the tradeoffs to consider with both of these approaches.

Enterprise JavaScript by Greg Murray

The popularity of Ajax has given us many JavaScript toolkits over the past few years, each of which have their strengths and weaknesses. This talk will include a discussion of some of the more popular of these, such as Dojo, JQuery, Prototype, Spry, Script.aculo.us, and the Yahoo User Interface (YUI) library. In addition, the presentation will also discuss what you need to know about JavaScript to develop enterprise-grade applications, including topics such as emulating namespaces in JavaScript, object creation and inheritance using prototypes, associative arrays, closures, internationalization, and Ajax interaction techniques.

Project jMaki - Enabling Web 2.0 Application Developers by Greg Murray

Creating a breathtaking user interface requires that you and your team are skilled in JavaScript, Cascading Style Sheets (CSS), and Ajax interactions. This session will discuss how you can use Project jMaki (or just the ideas behind it) to create JavaScript-centric user interfaces that are developer and designer friendly. Project jMaki is an open-source client/server framework hosted on java.net that is focused on creating JavaScript-centric web applications. jMaki promotes a clean separation of JavaScript, CSS, and template code following the web design approach widely known as "unobtrusive JavaScript?". This session will include a technical discussion of the architecture and features of jMaki including JavaScript toolkit interoperability, widget design, using layouts, wiring JavaScript functionality together, and service/data integration.

Spring MVC Essentials by Mark Fisher

Spring MVC is a powerful and flexible framework for building web applications. Its interface-based API promotes loose coupling, yet it also offers many convenient base classes for common functionality. Whether you use the base classes or roll your own, you will discover numerous strategies and extension points. This flexibility will be greatly appreciated once you are up to speed, but newcomers often wonder where to begin.

Developing Portlets with Spring Portlet MVC by Mark Fisher

Spring's Portlet MVC framework is one of the major new additions in Spring 2.0, bringing the proven benefits of the servlet-based Spring MVC framework to JSR-168 Portlet development.

The Role of Spring in an ESB by Mark Fisher

An Enterprise Service Bus (ESB) brings flow-related concepts such as transformation and routing to a Service-Oriented Architecture. An ESB can also provide an abstraction for endpoints. This promotes flexibility in the transport layer and enables pluggability of POJO services.

10 Ways to Improve Your Code by Neal Ford

No one writes perfect code, and every developer eventually falls into a slump where they just crank out the same code day after day. This session illustrates 10 different ways to improve your code, covering sacred cows, good citizens, smells, and more.

Implementing SOA by Neal Ford

This talk avoids SOA hype and gets to the meat of the matter: how do you implement a Service-Oriented Architecture, what are the technological pitfalls, how do you test it, and what traps should you avoid. No marketecture: just implementation details.

Keynote: Polyglot Programming by Neal Ford

Java is dead; long live Java!

Productive Programmer: Acceleration, Focus, and Indirection by Neal Ford

This session discusses how to use the Productive Programmer principles of acceleration, focus, and indirection to become a more productive programmer. This session describes these principles, but the primary focus of this session is demonstration of these principles with real-world examples.

Productive Programmer: Automation and Canonicity by Neal Ford

This session discusses how to use the Productive Programmer principles of automation and canonicity to become a more productive programmer. This session describes these principles, but the primary focus of this session is demonstration of these principles with real-world examples.

Power Regular Expressions in Java by Neal Ford

Regular expressions should be an integral part of every developer's toolbox, but most don't realize how important it is. Regular expressions have existed for decades, but many developers don't understand how to take full advantage of this powerful mechanism, either through command line tools and editors or in their development.

Metrics-driven Agile Development by Neal Ford

Agile software development is a highly disciplined way to build software, and one of the side effects of this discipline is the ability to gather meaningful metrics. This session describes what makes agility perfectly suited to metrics gathering and what kinds of real-world metrics you can generate.

Debugging and Testing the Web Tier by Neal Ford

As our applications have spilled from the server across the wire to the web tier, we increasingly must debug and test in the browser. This session covers debugging and testing tools for clients, JavaScript, and Ajax.

Advanced Selenium by Neal Ford

This session discusses advanced Selenium techniques for testing web applications. It discusses techniques for both TestRunner and Remote Control Selenium, including data driven tests, creating branch points, testing Ajax applications, creating flexible tests, integration with continuous integration, and tons more.

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.

Rails for JRuby by Neal Ford

This session explains all the hype surrounding Ruby on Rails, in a context familiar to Java developers. It covers convention over configuration, ActiveRecord, controllers, views, Ajax, scaffolding, testing, and deployment...on the JVM, using JRuby.

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.

Effective Hibernate by Scott Leberknight

Hibernate seems simple on the surface yet when you go beyond very simple use cases it can become much more complex. Intended for beginner to intermediate-level Hibernate developers, come see how to put Hibernate to effective use on your projects.

Advanced Hibernate by Scott Leberknight

This session covers advanced Hibernate topics beyond simple object persistence including session management, object locking, detachment and versioning, lazy loading performance issues and query tuning, advanced O/R mapping support, legacy database considerations, and the Hibernate cache architecture.

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.

The Busy Java Developer's Guide to Debugging and Monitoring 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 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.

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.

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.

Java6: Exploring Mustang by Ted Neward

Mustang, the Java6 release, is out, and even if you're not looking to adopt the new platform right away, it's important to know what's there so you can start to plan for it. In this presentation, we'll go over the major new features of the Java6 platform, including the new integrated XML services capabilities (JAX-WS and JAXB), dynamic/scripting language support (`javax.script`), new JVM "attach" capabilities, new annotations supported by the javac compiler, and more.

The Busy Developer's Guide to Rules and Rules Engines Using JESS by Ted Neward

If you've been keeping your ear to the ground, you may have heard some talk recently about "rules", "business rules" and "rules engines", but not necessarily any clear discussion on what they are, how to use or design them, or why they might be useful or important.

Domain Driven Design by Venkat Subramaniam

Domain Driven Design (DDD) is an approach that places emphasis on the domain model and carrying it into implementation. DDD is mostly repackaging of fundamental OO Design. It brings new emphasis to what we should be already doing, but often find it hard and confusing given the realities and complexities of our real world. In this presentation we will take a close look at what DDD is and how to use it for agile development. We will discuss several design options, and also look at some examples of good modeling and layering.

Groovy for Java Programmers by Venkat Subramaniam

Object-oriented scripting languages, or agile dynamic languages, as some like to call those, are gaining programmers' attention. Groovy brings this excitement to the Java platform with its ability to generate byte code. You can use Groovy instead of Java for some parts of your application. By learning it, you can switch between the languages where you consider fit.

Agile Web Development with Grails by Venkat Subramaniam

Agile development is all about developing code and seeking feedback from your users to make sure you're developing what's relevant. When they suggest changes, those must be affordable and reliable. Grails, along with its facility to develop test driven, is a killer combination for rapidly developing web applications. In this ZePo (Zero PowerPoint) presentation, we will take a test driven approach to developing a small but fully functional web application in Grails. We will cover the fundamental features of Grails along with utilizing other

capabilities like Ajax. At the end of this presentation, you not only be confident, but eager to roll your own web application using Grails.

Java 6 Features, what's in it for you? by Venkat Subramaniam

What benefit do new Java 6 features offer you. Are there issues with using these features. The objective of this presentation is not simply to introduce you to the features, but to the effective use of these as well.

OSGi: A Well Kept Secret by Venkat Subramaniam

In this presentation we will introduce OSGi and discuss how it can help modularize and version your enterprise Java applications.

Spring into Groovy by Venkat Subramaniam

What do you get when you mix an agile, object-oriented, dynamic language with a lightweight, flexible, and extensible framework? You get a Groovier Spring. Spring allows you to develop using Groovy as much as Java. Groovy brings some neat concepts to the Java Platform that is hard to realize directly through the Java language. Using these capabilities can lead to elegant and easier Spring development.

Annotation Hammer by Venkat Subramaniam

Annotation is an interesting feature in Java. However, like any features, there are good uses and bad uses. When should you use Annotation? This presentation will answer that question for you.

Practices of an Agile Developer by Venkat Subramaniam

You have worked on software projects with varying degree of success. What were the reasons for the success of your last project? What were the reasons for those that failed? A number of issues contribute to project success - some non-technical in nature. In this presentation the speaker will share with you practices in a number of areas including coding, developer attitude, debugging, and feedback. The discussions are based on the book with the same title as the talk.

get Fit by Venkat Subramaniam

Unit testing tells you, the programmer, that your code (and the change) meets your expectations. How do you know if you are meeting your customers' expectations? Agile development is all about feedback and doing what's relevant to the customers, isn't it? Framework for Integration testing or Fit helps you to automate tests for customer expectations.

Drooling with Groovy and Rules by Venkat Subramaniam

Rule based programming allows us to develop applications using declarative rules. These can simplify development in applications where such rules based knowledge is used for decision making.