

Rocky Mountain Software Symposium

Denver Marriott South @ Park Meadows

May 29 - 31, 2009

<http://www.nofluffjuststuff.com/conference/denver/2009/05/index.html>

The No Fluff Just Stuff Java Symposium Series is proud to announce the return of the Rocky Mountain Software Symposium on May 29 - 31, 2009. RMSS2009SE will be held at the Denver Marriott South @ Park Meadows.

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 RMSS2009SE
All Meals/Snacks - duration of the symposium
Complimentary copy of "Career 2.0" by Jared Richardson
90 Day IntelliJ license compliments of JetBrains
Session Materials
Custom NFJS Binder

Great Giveaways @ NFJS including \$200 and \$400 Apple Gift cards

Early Bird Registration: \$800/person good thru 5/11/09 after \$900

Excellent Group Discounts Available - bring your entire development team to the show - no travel required!! Rate good thru 5/11/09

Registration Fees

Attendees	Before May. 11, 2009	After May. 11, 2009
5-9	\$700	\$800
10-14	\$675	\$775
15-24	\$650	\$750
25+	\$625	\$725

Go to <http://www.nofluffjuststuff.com/conference/denver/2009/05/index.html> and register today!

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-Session Schedule-

(event schedule as of May 26, 2009)

Friday, May. 29

12:00 - 1:00 PM : REGISTRATION

1:00 - 1:15 PM : WELCOME

1:15 - 2:45 PM - Sessions

Session #1 @ Salon A : Emergent Design & Evolutionary Architecture by Neal Ford

Most of the software world has realized that BDUF (Big Design Up Front) doesn't work well in software. But lots of developers struggle with this notion when it applies to architecture and design. Surely you can't just start coding, right? You need some level of understanding before you can start work. This session describes the current thinking about emergent design & evolutionary architecture, including both proactive (test-driven development) and reactive (refactoring, composed method) approaches to discovering design. The goal of this talk is to provide nomenclature, strategies, and techniques for allowing design to emerge from projects as they proceed, keeping you code in sync with the problem domain.

Session #2 @ Salon B : Effective Concurrent Java by Brian Goetz

The Java programming language has turned a generation of applications programmers into concurrent programmers through its direct support of multithreading. However, the Java concurrency primitives are just that: primitive. From them you can build many concurrency utilities, but doing so takes great care as concurrent programming poses many traps for the unwary.

Session #3 @ Lonetree : The Amazing Groovy Weight-loss Plan by Scott Davis

"The central enemy of reliability is complexity." (Dr. Daniel Geer) Java is a powerful programming language. A smart developer can do nearly anything with Java. So the next question is, "How quickly can it be done? How many lines of code does it take to do common tasks?" Groovy greases the wheels of Java by decreasing the complexity of the language while preserving the raw power. At first glance, you might think that this talk is simply about how Groovy drastically reduces the lines of code you need to write. What this talk is really about is bringing simplicity, clarity, readability, and yes, beauty to your source code.

Session #4 @ Littleton : The Busy Java Developer's Guide to Java7 by Ted Neward

Even though the Java 7 JSR has yet to be formed, some interesting things are beginning to emerge from Sun about what Java7 may include when its formal release contents are finally made public.

2:45 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #5 @ Salon A : Real-world Refactoring by Neal Ford

Refactoring is a fine academic exercise in the perfect world, but we don't really live there. Even with the best intentions, projects build up technical debt and cruffy bad things. This session covers refactoring in the real world, at both the atomic level (how to refactor towards composed method and the single level of abstraction principle) to larger project strategies for multi-day refactoring efforts. This talk provides practical strategies for real projects to effectively refactor your code.

Session #6 @ Salon B : The Java Memory Model by Brian Goetz

What's the worst thing that can happen when you fail to synchronize in a concurrent Java program? Its probably worse than you think -- modern shared-memory processors can do some pretty weird things when left to their own devices.

Session #7 @ Lonetree : Groovy XML Ninja Skills by Scott Davis

"XML is like violence: if it doesn't solve your problem, you aren't using enough of it." (Anonymous) XML is everywhere. Whether you are dealing with local configuration files (web.xml, struts-config.xml) or remote web services (SOAP, REST, RSS, Atom), the modern software developer needs to be able to request, slice, and dice XML with ease. That requires a set of razor-sharp tools that reduce the inherent complexity of the problem, not multiply it. Once you see XML tremble in fear at the awesome power of Groovy, you'll wonder what you ever did without it.

Session #8 @ Littleton : 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.

4:45 - 5:00 PM : BREAK

5:00 - 6:30 PM - Sessions

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Session #9 @ Salon A : 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.

Session #10 @ Salon B : Are All Web Applications Broken? by Brian Goetz

Many developers believe that web frameworks "take care of" the details of concurrency, but this is only because most web applications make limited use of state. Stateful web applications also need to be careful about hazards like races. This talk will use the Java Memory Model to analyze common patterns of state management in web applications.

Session #11 @ Lonetree : Dim Sum Grails: A Sampler of Practical Non Database-Driven Grails Applications by Scott Davis

"The proof of the pudding is in the eating. By a small sample we may judge of the whole piece." (Miguel de Cervantes Saavedra)
Most Grails tutorials demonstrate how easy it is to build simple CRUD (Create/Retrieve/Update/Delete) applications. While skinning a database with a web front-end is undeniably one beneficial aspect of Grails, it isn't the only thing Grails is good for. As you'll see here, Grails can be used to build a wide variety of web applications. You won't see a single HTML table with "edit" and "delete" links, I promise.

Session #12 @ Littleton : The Busy Java Developer's Guide to Advanced Platform Security by Ted Neward

So you know the platform security model, and now you want to use it in new and interesting ways, like creating a custom Policy implementation, a custom Permission, or create a custom security context in which code will execute. Perhaps you even wish to make certain objects accessible only to those with the right permissions, or cryptographic key. Nothing could be easier, despite Java security's reputation as a dark and arcane place.

6:30 - 7:15 PM : DINNER

Keynote: Keynote: On the Lam from the Furniture Police - Neal Ford

Saturday, May. 30

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #13 @ Salon A : JSF 2.0: An Introduction by David Geary

This session introduces JSF 2.0 fundamentals, with emphasis on new features in JSF 2.0.

Session #14 @ Salon B : The Productive Programmer: Mechanics 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!

Session #15 @ Lonetree : Garbage-collector-friendly programming by Brian Goetz

To many developers, garbage collection is black magic. Accordingly, there are a lot of conflicting advice about what is good or bad for the garbage collector. In this talk, I look at how garbage collection is implemented in the HotSpot VM, and techniques for writing programs that exhibit good garbage collection behavior. Surprisingly, many of these techniques coincide with writing good, clean code.

Session #16 @ Littleton : Groovy Testing by Scott Davis

"Tests don't break things; they dispel the illusion that it works." (Anonymous) In this era of "Test-First" and "Test-Driven" development, the modern software engineer knows that testing is no longer an optional part of the process. You need to have the best tools at your fingertips: a set of utilities that maximize your results with a minimum of effort. Groovy offers Java developers an optimal set of testing tools.

10:30 - 11:00 AM : BREAK

11:00 - 12:30 PM - Sessions

Session #17 @ Salon A : JSF 2.0: Advanced Topics by David Geary

This session covers advanced aspects of JSF 2.0.

Session #18 @ Salon B : What's New in Spring 3 by Ken Sipe

The Spring Framework has led the industry in innovation for years. Starting with dependency injection and promoting testing through removal of framework dependencies. Spring 3.0 continues that innovation in a way that takes full advantage of the Java 5 platform.

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There are a number of significant changes to the framework. So whether you are new to the framework or an experienced Spring developer, this is a great session to come up to speed on the latest from SpringSource.

Session #19 @ Lonetree : Inside the JVM by Brian Goetz

Ever wondered what happens to your bytecodes when they're executed by a Java Virtual Machine? This talk provides a peek "under the hood" of modern JVMs, exploring dynamic compilation, speculative optimization, garbage collection, and some hardware-specific optimizations.

Session #20 @ Littleton : Web 2.0 Checklist: Deconstructing Modern Websites by Scott Davis

"The challenge of modernity is to live without illusions and without becoming disillusioned." (Antonio Gramsci) There are plenty of sarcastic "Web 2.0" checklists out there -- be perpetually in BETA, when in doubt add rounded corners, etc. While we can all laugh at the superficial aspects of the Web 2.0 revolution, there are plenty of serious aspects to it as well. Is your website mash-up friendly or hostile? Do you tell your visitors when things change (via RSS or Atom syndication), or do you expect them to check in daily for updates? Is your website a silo or a part of a larger ecosystem?

12:30 - 1:30 PM : LUNCH

1:30 - 3:00 PM - Sessions

Session #21 @ Salon A : Flex for Java Developers by David Geary

An introduction to Flex for Java developers.

Session #22 @ Salon B : Architecture and Scaling by Ken Sipe

Scale... what is scale... how do you applications that are scalable. How do you know if the application scales?

Session #23 @ Lonetree : The Busy Java Developer's Guide to Collections by Ted Neward

For so many Java developers, the `java.util.*` package consists of List, ArrayList, and maybe Map and HashMap. But the Collections classes are so much more powerful than many of us are led to believe, and all it requires is a small amount of digging and some simple exploration to begin to "get" the real power of the Collection classes.

Session #24 @ Littleton : Seven Habits of Highly Dysfunctional Teams by Nathaniel Schutta

Being on a high performing team is a transcendent experience - unfortunately, many of us find more dysfunction than function. In this talk, we'll take a look at some of the common issues that face teams and discuss some ways of working towards a happy crew.

3:00 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #25 @ Salon A : Mastering Maven 2.0 by Matthew McCullough

Maven has been on the Java build tools scene for quite a number of years, but the adoption rate in enterprises is now going through the roof. Maven can seem daunting, but this presentation will equip existing Maven users with more efficient techniques and tools to overcome the biggest perceived Maven hurdles and build issues with ease. We'll examine tools to help you find artifacts in central repositories, manage your corporation's internal Maven artifacts with a proxy tool such as Nexus, view and override dependency graphs, dependency management and multi-module best practices, create OS specific profiles, and leverage the latest Maven plugins for the top Java IDEs.

Session #26 @ Salon B : So you want to be an Architect by Ken Sipe

This session is a quick look at all aspects of being a corporate software architect. Whether you are a developer looking to move into the role of architect, needing to have an understanding of what is expected or already in the role of software architect looking for new and interesting ideas, this session is for you.

Session #27 @ Lonetree : IZero: Starting Projects Right by Stuart Halloway

If an iteration is the heartbeat of an agile development process, then Iteration Zero (IZero) creates the heart. While you can (and should) retrospect and adjust throughout the software lifecycle, few things are as valuable as a good start. In this talk, you will learn how we run Iteration Zero at Relevance.

Session #28 @ Littleton : JavaScript: the Good, the Bad, and the Ugly by Nathaniel Schutta

Thanks to Ajax, JavaScript is cool again and developers are taking a second look at this much maligned language. This session will give you an overview of this misunderstood language as well as opening your eyes to some of the excellent tools available to ease the pain of developing in this dynamic language.

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

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Sunday, May. 31

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #29 @ Salon A : Taking Agile From Tactics to Strategy by Stuart Halloway

Teams adopting agile should begin at a tactical level, but they shouldn't end there. The Agile Manifesto operates at many different levels. Learn to apply the principles of agile at a strategic level. Otherwise you can have a great agile ground game and still lose.

Session #30 @ Salon B : 7 Habits of Highly Effective Developers by Ken Sipe

Thoughts lead to words, words lead to action, actions lead to habits. In this session we'll sharpen the development saw in the process of understanding what makes a hyper-productive programmer. The focus will consist of developer habits and development processes.

Session #31 @ Lonetree : Programming Scala by Venkat Subramaniam

Scala is a static fully object-oriented, functional language on the JVM. While taking advantage of the functional aspects, you can continue to make full use of the powerful JVM and Java libraries.

Session #32 @ Littleton : GWT: An Introduction by David Geary

An introduction to Google Web Toolkit.

10:30 - 11:00 AM : MORNING BREAK

11:00 - 12:30 PM - Sessions

Session #33 @ Salon A : REST : Information-Driven Architectures for the 21st Century by Brian Sletten

There is a shift going on in the Enterprise. While still used and useful, the promises of the SOAP/WSDL/UDDI Service-Oriented Architecture (SOA) stack have failed to live up to their promise. A new vision of linked information is enveloping online and Enterprise users. The REST architectural style is squarely behind this thinking as a way of achieving low-cost, flexible integration, increased data security, greater scalability and long-term migration strategies. If you have dismissed REST as a toy or are unfamiliar with it, you owe it to yourself to see what is so interesting about this way of doing things.

Session #34 @ Salon B : Open Source Debugging Tools, A 90 Minute Bootcamp by Matthew McCullough

Open Source is not just a suite of libraries you consume within your application, but now reaches into the space of tools to help you troubleshoot and improve your applications. This session will quickly survey a wide range of tools across the Java, Networking, Filesystem, SOAP, REST, HTML, CSS and JavaScript realms. We'll look at applications such as VisualVM, which help you analyze your heap and garbage collection cycles of both local and remote applications. Performance and load testing tools such as JMeter will expose bottlenecks, threading, and scalability concerns of everything from Java modules to Web Apps (even ones that don't use any Java).

Session #35 @ Lonetree : Effective Java by Venkat Subramaniam

Java is a well established language, that has been around for more than a decade. Yet, programming on it has its challenges. There are concepts and features that are tricky. When you run into those, the compiler is not there to help you.

Session #36 @ Littleton : GWT: Advanced Topics by David Geary

Learn to do really cool stuff with GWT.

12:30 - 1:15 PM : LUNCH

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

2:15 - 3:45 PM - Sessions

Session #37 @ Salon A : SPARQL: Querying the Data Web by Brian Sletten

The human-friendly Web is about nicely-formatted, accessible content for users to browse. There is an emerging Data Web that relies on technologies from the Semantic Web stack to link increasingly rich connections between various data sources. SPARQL and RDF are the main tools for expressing and using this connectivity. This talk will introduce you to one of the practical and accessible aspects of employing these ideas on the Web and in the Enterprise.

Session #38 @ Salon B : Hacking Your Brain for Fun and Profit by Nathaniel Schutta

The single most important tool in any developers toolbox isn't a fancy IDE or some spiffy new language - it's our brain. Despite ever faster processors with multiple cores and expanding amounts of RAM, we haven't yet created a computer to rival the ultra lightweight

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one we carry around in our skulls - in this session we'll learn how to make the most of it. We'll talk about why multitasking is a myth, the difference between the left and the right side of your brain, the importance of flow and why exercise is good for more than just your waist line.

Session #39 @ Lonetree : Hacking - The Dark Arts by Ken Sipe

A live Hacking demonstration exposing the tools and techniques used by Hackers.

Session #40 @ Littleton : Java.next #1: Common Ground by Stuart Halloway

In this talk, we will explore and compare four of the most interesting new JVM languages: Clojure, Groovy, JRuby, and Scala. Each of these languages aims to greatly simplify writing code for the JVM, and all of them succeed in this mission. However, these languages have very different design goals. We will explore these differences, and help you decide when and where these languages might fit into your development toolkit. For more information see <http://blog.thinkrelevance.com/2008/8/4/java-next-common-ground>.

3:45 - 4:00 PM : BREAK

4:00 - 5:30 PM - Sessions

Session #41 @ Salon A : Semantic SOA : Meaningful Service Strategies by Brian Sletten

The goal for web services was always to reduce our burden by increasing the potential for reuse of business functionality. Somehow, we got lost along the way in a morass of confusing, unfulfilling and downright broken technologies. While we are interested in pursuing REST-based systems for managing information, we need some strategies for tying it all together sensibly. If we abandon WSDL, SOAP and UDDI, what do we replace them with? This talk will walk you through combining resource-oriented strategies with technologies from the Semantic Web to describe, find, and bind to services in dynamic, flexible and extensible ways.

Session #42 @ Salon B : iPhone Objective-C integration to Java Web Services by Matthew McCullough

iPhone development is all the rage both in the mobile entertainment, social networking, and productivity application spaces. As a Java developer, prepare yourself to be a participant in aspects of this new breed and platform of development. Hop on board with a quick start to iPhone application coding in Objective C and integration with some of our favorite Java web service back-ends such as Axis, JSR311 Jersey, Grails, and more.

Session #43 @ Lonetree : Cleaning up Code Smell by Venkat Subramaniam

Projects often start out simple, but soon become complex and turn into a lose cannon. Organizations are struggling to maintain and evolve software. Poor code quality is a significant part of that problem. Improving the quality of code is critical to success of enterprise projects.

Session #44 @ Littleton : Programming Clojure by Stuart Halloway

Find out why Clojure is Java.next: * Clojure provides clean, fast access to all Java libraries. * Clojure provides all the low-ceremony goodness you know and love from dynamic languages such as Ruby and Python. * Clojure includes Lisp's signature feature: Treating code as data through macros. * Clojure's emphasis on immutability and support for software transactional memory make it a viable option for taking advantage of massively parallel hardware.