

Greater Nebraska Software Symposium

Crowne Plaza Omaha

March 23 - 25, 2007

<http://www.nofluffjuststuff.com/sh/2007-03-omaha>

The No Fluff Just Stuff Java Symposium Series is proud to announce the return of the Greater Nebraska Software Symposium on March 23 - 25, 2007. GNSS 2007 will be held at the Crowne Plaza Omaha.

Since 2002, the No Fluff Just Stuff Java Symposium has been regarded as the premier Java/Agility event series anywhere serving over 16,000 attendees with some 100 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.

The Greater Nebraska Software Symposium 2007 will offer 4 concurrent tracks with a total of 44 sessions to choose from with some of the topics including:

- 1). Groovy
- 2). Grails
- 3). OSGI
- 4). Domain Driven Design
- 5). Annotations
- 6). Java 6.0
- 7). REST
- 8). JRuby
- 9). Enterprise Ajax
- 10). JPA and many more!!

REGISTRATION:

The registration fee includes a three day all access pass to GNSS 2007, all meals and snacks during the show, custom laptop NFJS bag, binder for handouts and CD with all presentation content.

Early Bird Registration: \$750/person good thru 3/5/07 after \$750

Excellent Group Discounts Available - bring your entire development team to the show - no travel required!! Rate good thru 3/5/07

Registration Fees

Attendees	Before Mar. 5, 2007	After Mar. 5, 2007
5-9	\$675	\$750
10-14	\$650	\$725
15-24	\$625	\$700
25+	\$600	\$675

Go to <http://www.nofluffjuststuff.com/sh/2007-03-omaha> and register today!

Friday, Mar. 23

12:00 - 1:00 PM : REGISTRATION

1:00 - 1:15 PM : WELCOME

1:15 - 2:45 PM - Sessions

Session #1 @ Dodge I : 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.

Session #2 @ Dodge II : Ajax Design and Architecture by Glenn Vanderburg

Ajax applications have unique design and architectural challenges and opportunities. This presentation will show you how to take advantage of the Ajax's strengths, and work around its quirks.

Session #3 @ Dodge III : Groovy: Greasing the Wheels of Java by Scott Davis

This is the year of the dynamic scripting language. Ruby (and Rails) has won the hearts and minds of many independent software developers. JavaScript is experiencing a renaissance thanks to the wild success of AJAX and websites like Google Maps. And Groovy (JSR-241) brings the same level of excitement and "scripting goodness" to the Java platform.

Session #4 @ Rose : 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.

2:45 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #5 @ Dodge I : 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.

Session #6 @ Dodge II : JavaScript Exposed: There's a Real Programming Language in There! (Part 1) by Glenn Vanderburg

With the sudden importance of Ajax, it's time to take JavaScript seriously. That means learning it the right way: looking at the fundamentals of the language and surveying its strengths and weaknesses, instead of just copying other people's poorly written examples.

Session #7 @ Dodge III : Groovy and Java: The Integration Story by Scott Davis

I'm attracted to Groovy because of its spirit of inclusiveness. Because it extends my platform of choice, not replaces it -- include a single JAR in your classpath and you are Groovy-enabled. Because it offers full bidirectional integration with Java. Because it offers a nearly flat learning curve for experienced Java developers. Come see how you can use Groovy to augment your existing Java codebase.

Session #8 @ Rose : 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.

4:45 - 5:00 PM : BREAK

5:00 - 6:30 PM - Sessions

Session #9 @ Dodge I : 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.

Session #10 @ Dodge II : JavaScript Exposed: There's a Real Programming Language in There! (Part 2) by Glenn Vanderburg

Building on part 1, this talk dives deep into JavaScript's object model. We'll see how it differs from more mainstream object-oriented languages, and why. We'll explore how to hide some of those differences, as well as the reasons you might not want to. Additionally, we'll cover useful tools for JavaScript testing, debugging, and profiling.

Session #11 @ Dodge III : Real World Grails by Scott Davis

Scott Davis is the Editor in Chief of aboutGroovy.com. The website, in addition to being, umm, about Groovy, is implemented in Grails. This talk shows you how to get started with Grails, but also talks about the experience of using it in a live, production web site.

Session #12 @ Rose : 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.

6:30 - 7:15 PM : DINNER

7:15 - 8:00 PM : KEYNOTE

Saturday, Mar. 24

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #13 @ Dodge I : Spring 2.0: New and Noteworthy by Mark Fisher

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. In this session we'll provide a practical tour of what's new in Spring 2.0. Spring 1.x users who are looking to upgrade to Spring 2.0 will love this session. If you're not using Spring already, this talk will give a great overview of the things you're missing out by not using Spring 2.0.

Session #14 @ Dodge II : The Zen of REST by Scott Davis

Google quietly deprecated their SOAP search API at the end of 2006. While this doesn't mean that you should abandon SOAP, it does reflect a growing trend towards simpler dialects of web services. Google joins a number of popular websites (Yahoo, Flickr, YouTube, del.icio.us) that offer all of the benefits of web services without all of the complexity of SOAP.

Session #15 @ Dodge III : 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.

Session #16 @ Rose : 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.

10:30 - 11:00 AM : BREAK

11:00 - 12:30 PM - Sessions

Session #17 @ Dodge I : 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.

Session #18 @ Dodge II : Real World Groovy with Jim McGill (Mutual of Omaha) by Scott Hickey

Now that Groovy 1.0 has arrived, you are considering Groovy for your next project. You search the web for more information only to get conflicting or incomplete information. It's hard to distinguish FUD from fact. In this session, we go beyond the theoretical and discuss everything you want to know about using Java in a real world corporate Java project. This presentation is based upon two years of actual experience using Groovy as part of a large J2EE project at Mutual of Omaha, a Fortune 500 company.

Session #19 @ Dodge III : Java Performance Myths by Glenn Vanderburg

Performance myths about the Java platform abound, from the general "Java is slow", to the more specific "reflection is slow", "allocation is slow", "synchronization is slow", "garbage collection is slow", etc. Many of these myths have their root in fact (in JDK 1.0, everything was slow); today, not only are many of these statements not true, but Java performance has surpassed that of C in many areas, such as memory management.

Session #20 @ Rose : 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.

12:30 - 1:30 PM : LUNCH

1:30 - 3:00 PM - Sessions

Session #21 @ Dodge I : Spring/Hibernate Integration Basics by Scott Leberknight

Hibernate is a very popular Java transparent persistence framework, but you often need to create additional infrastructure to manage sessions, transactions, and lazy-loading in a clean and elegant manner. See how Spring can help.

Session #22 @ Dodge II : JavaServer Faces: A Whirlwind Tour by David Geary

JavaServer Faces (JSF) has arrived. The standard Java-based web application framework based on Struts, JSF really took off in 2006. Embraced by developers, vendors, and open-source projects, JSF has hit its stride. If you haven't come up to speed on JSF basics, this is the place to start.

Session #23 @ Dodge III : JRuby by Venkat Subramaniam

Object-oriented scripting languages, or agile dynamic languages, as some like to call those, are gaining programmers' attention. Several dynamic languages are on the JVM. Groovy and JRuby are two languages that are drawing developers' interest. Sun has shown support for these two, and especially JRuby by hiring the core developers.

Session #24 @ Rose : 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.

3:00 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #25 @ Dodge I : 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.

Session #26 @ Dodge II : Ajaxian Faces by David Geary

JavaServer Faces is a perfect platform for implementing Web 2.0 interfaces with Ajax. This session explores how you can use these two potent technologies--JSF and Ajax--together to create applications that look and behave like desktop applications but run in the browser.

Session #27 @ Dodge III : Message Driven POJOs by Mark Fisher

One of the most exciting new features of Spring 2.0 is its support for Message-Driven POJOs. It is now possible to receive JMS messages asynchronously and delegate the handling of those messages to simple objects. If your POJO has a return value, it will automatically be sent to a reply destination. Spring's messaging containers support configurable pooling of concurrent consumers and offer full integration with Spring's transaction management.

Session #28 @ Rose : 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.

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

Sunday, Mar. 25

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #29 @ Dodge I : RAD JSF with Seam, Facelets, and Ajax4jsf, Part One by David Geary

In this session, see how you can get Ruby On Rails-like productivity on the Java side of the house with this compelling combination of technologies.

Session #30 @ Dodge II : Spring/Hibernate Integration Patterns, Idioms, and Pitfalls by Scott Leberknight

Using Spring's Hibernate integration significantly simplifies applications that use Hibernate for data persistence by removing tedious and repetitive infrastructural code that you need to write. Intended for developers familiar with Spring/Hibernate integration basics, who want to learn additional idioms and solutions to common problems.

Session #31 @ Dodge III : 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.

Session #32 @ Rose : 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.

10:30 - 11:00 AM : BREAK

11:00 - 12:30 PM - Sessions

Session #33 @ Dodge I : RAD JSF with Seam, Facelets, and Ajax4jsf, Part Two by David Geary

A continuation of a 2-session presentation on Seam, Facelets, and Ajax4jsf.

Session #34 @ Dodge II : 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.

Session #35 @ Dodge III : Mocking Web Services by Scott Davis

In this talk, we'll survey the web services exposed by leading websites (Google, Yahoo, Amazon, eBay) and discuss how they can be easily mocked up for testing purposes and to aid offline development. You'll see working examples of RESTful, SOAP, and JSON web services, as well as strategies for unit and functional testing your asynchronous, service-oriented architecture.

Session #36 @ Rose : 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.

12:30 - 1:15 PM : LUNCH

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

2:15 - 3:45 PM - Sessions

Session #37 @ Dodge I : The Google Web Toolkit, Part One by David Geary

Developing highly interactive web applications, for the most part requires knowledge of a wide array of technologies: HTML, CSS, JavaScript, XMLHttpRequest, JSP, JSF, etc. With the Google Web Toolkit (GWT), Google turns that notion of development on its head. Instead, you implement Ajax applications by writing almost entirely in Java. You use an AWT-like API, which the Google compiler compiles to JavaScript that runs on the client.

Session #38 @ Dodge II : 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.

Session #39 @ Dodge III : 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.

Session #40 @ Rose : Introduction to Spring Security by Mark Fisher

Spring Security (a.k.a. Acegi) enables self-contained, consistent solutions for securing your applications. The interceptor-based approach is non-invasive even when extended to accommodate domain-specific requirements. The two main security processes (authentication and authorization) are decoupled in order to provide flexibility across a wide variety of providers and strategies.

3:45 - 4:00 PM : BREAK

4:00 - 5:30 PM - Sessions

Session #41 @ Dodge I : The Google Web Toolkit, Part Two by David Geary

The second part of a 2-session presentation on the Google Web Toolkit.

Session #42 @ Dodge II : 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 #43 @ Dodge III : 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.

Session #44 @ Rose : The Groovy Eclipse Plugin by Scott Hickey

In this presentation, we will look at how you can begin using Groovy inside of Eclipse. Project setup, mixing Groovy and Java, and debugging will be covered. The presentation will also feature tips and tricks from real-world project development using the Groovy Eclipse plugin.