

Atlantic Northeast Software Symposium

Westin Princeton @ Forrestal Village

August 8 - 10, 2008

<http://www.nofluffjuststuff.com/conference/princeton/2008/08/index.html>
(event schedule as of August 6, 2008)

Fri, Aug. 08, 2008					
	1	2	3	4	5
12:00 - 1:00 PM	REGISTRATION				
1:00 - 1:15 PM	WELCOME				
1:15 - 2:45 PM	10 Things Every Software Architect Should Know Richard Monson-Haefel	Acceptance Testing Application Behavior Venkat Subramaniam	A Thorough Introduction To Groovy Jeff Brown	Give it a REST Brian Sletten	Code Metrics & Analysis for Agile Projects Neal Ford
2:45 - 3:15 PM	BREAK				
3:15 - 4:45 PM	Developing Rich Internet Applications Richard Monson-Haefel	Evolutionary SOA Neal Ford	Grails - Agile Web 2.0 The Easy Way Jeff Brown	RESTlet for the Weary Brian Sletten	Towards an Evolutionary Design Venkat Subramaniam
4:45 - 5:00 PM	BREAK				
5:00 - 6:30 PM	Understanding Open Source Licensing Richard Monson-Haefel	Know your Java? Venkat Subramaniam	Advanced Web Development With Grails Jeff Brown	What's Going On? : Complex Event Processing w/ Esper Brian Sletten	Test-driven Design Neal Ford
6:30 - 7:15 PM	DINNER				
7:15 - 8:00 PM	Keynote: by Neal Ford				

Sat, Aug. 09, 2008					
	1	2	3	4	5
8:00 - 9:00 AM	BREAKFAST				
9:00 - 10:30 AM	Simplifying Enterprise Applications with Spring, Part 1 Ramnivas Laddad	Viva La Javolution! Brian Sletten	Agile Test Driven Development With Groovy Jeff Brown	JavaServer Faces: A Whirlwind Tour David Geary	Agile Project Management (With Just a Bit About Mingle) Neal Ford
10:30 - 11:00 AM	BREAK				
11:00 - 12:30 PM	Simplifying Enterprise Applications with Spring, Part 2 Ramnivas Laddad	Java Performance Myths Brian Goetz	Powerful Metaprogramming Techniques With Groovy Jeff Brown	Facelets David Geary	Caring about your Code Quality Venkat Subramaniam
12:30 - 1:30 PM	LUNCH				
1:30 - 3:00 PM	Architecture Enforcement with AOP Ramnivas Laddad	The Java Memory Model Brian Goetz	YSlow: Building Your Website for Speed Scott Davis	Rich Faces David Geary	Introduction to JRuby Neal Ford
3:00 - 3:15 PM	BREAK				
3:15 - 4:45 PM	Enterprise Security with Spring Ramnivas Laddad	DSL in Groovy Venkat Subramaniam	Real World JSON Scott Davis	Intro to Seam David Geary	Software Development Risk Management Mark Johnson
4:45 - 5:30 PM	BIRDS OF A FEATHER SESSION				

Sun, Aug. 10, 2008					
	1	2	3	4	5
8:00 - 9:00 AM	BREAKFAST				
9:00 - 10:30 AM	New Features in Spring Web Keith Donald	Structuring concurrent applications in JDK 5.0 Brian Goetz	Groovy, the Blue Pill: Writing Next Generation Java Code in Groovy Scott Davis	Filthy Rich Clients with the Google Web Toolkit, Part I David Geary	Enterprise Messaging Using JMS (Part 1) Mark Richards
10:30 - 11:00 AM	MORNING BREAK				
11:00 - 12:30 PM	Decorating Web Pages with Ajax using Spring JavaScript Keith Donald	Effective Concurrent Java Brian Goetz	Groovy, The Red Pill: Metaprogramming, the Groovy Way to Blow a Buttoned-Down Java Developer's Mind Scott Davis	Filthy Rich Clients with the Google Web Toolkit, Part II David Geary	Enterprise Messaging With JMS (Part 2) Mark Richards
12:30 - 1:15 PM	LUNCH				
1:15 - 2:15 PM	EXPERT PANEL DISCUSSION				
2:15 - 3:45 PM	Spring Web Flow 2 Deep Dive Keith Donald	Squashing bugs with FindBugs Brian Goetz	Grails for Struts Developers: A Groovy Alternative Scott Davis	Java Persistence: Approaching the Silver Bullet Mark Richards	Software Project Estimation Mark Johnson
3:45 - 4:00 PM	BREAK				
4:00 - 5:30 PM	Introduction to Spring Faces Keith Donald	FP on JVM Venkat Subramaniam	Groovy, Grails and Google Maps: Mashups 101 Scott Davis	Transaction Design Patterns Mark Richards	Promoted to Technical Lead. Now what do I do? Mark Johnson

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Friday, Aug. 8

12:00 - 1:00 PM : REGISTRATION

1:00 - 1:15 PM : WELCOME

1:15 - 2:45 PM - Sessions

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

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

Session #2 : Acceptance Testing Application Behavior by Venkat Subramaniam

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

Session #3 : A Thorough Introduction To Groovy by Jeff Brown

Groovy is an agile dynamic language for the Java platform. The language and its libraries bring many things to the table to ease the process of building applications for the Java platform. This session provides a detailed run through Groovy with lots of code samples to drive home the power of the language.

Session #4 : Give it a REST by Brian Sletten

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

Session #5 : Code Metrics & Analysis for Agile Projects by Neal Ford

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

2:45 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #6 : Developing Rich Internet Applications by Richard Monson-Haefel

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

Session #7 : 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 #8 : Grails - Agile Web 2.0 The Easy Way by Jeff Brown

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

Session #9 : RESTlet for the Weary by Brian Sletten

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

Session #10 : Towards an Evolutionary Design by Venkat Subramaniam

A good design is critical for success with agile development. That does not mean a big up-front design. The design has to be evolutionary. However, the design you evolve must be extensible and maintainable. After all, you can't be agile if your design sucks.

4:45 - 5:00 PM : BREAK

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5:00 - 6:30 PM - Sessions

Session #11 : Understanding Open Source Licensing by Richard Monson-Haefel

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

Session #12 : Know your Java? by Venkat Subramaniam

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

Session #13 : Advanced Web Development With Grails by Jeff Brown

Grails makes web application development both fun and easy. This session dives beyond the basics to cover advanced details of Grails that bring the really exciting features to your applications. **Prerequisite:** *Grails - Agile Web 2.0 The Easy Way*

Session #14 : What's Going On? : Complex Event Processing w/ Esper by Brian Sletten

We write very complicated software, don't we? In our systems, we detect when simple things happen. Customers log in, people buy things, a stock is sold at a particular price, inventory shifts locations... all of these events mean little things, but what about the larger picture? Complex events are particular patterns of simpler events that suggest something deeper is happening. Do you know how you'd discover these bigger picture occurrences? Come hear how the Esper open source software represents a new class of complex event processing (CEP) frameworks that can be added to even high volume, high transaction systems.

Session #15 : Test-driven Design by Neal Ford

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

6:30 - 7:15 PM : DINNER

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

Saturday, Aug. 9

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #16 : Simplifying Enterprise Applications with Spring, Part 1 by Ramnivas Laddad

Developing enterprise applications ain't easy. You not only have to worry about constantly evolving business logic, but also need to address infrastructure concerns ranging from transaction management and security to manageability and integration with diverse external applications. Spring, the most popular lightweight enterprise application framework, comes to the rescue by simplifying the common needs of enterprise applications. This session (part 1 of 2) presents the core concepts of the Spring Framework.

Session #17 : Viva La Javolution! by Brian Sletten

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

Session #18 : Agile Test Driven Development With Groovy by Jeff Brown

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

Session #19 : 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.*

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Session #20 : Agile Project Management (With Just a Bit About Mingle) by Neal Ford

You can read books about Agile projects, but you must consult real-world experience to really understand the dynamics of agile project management. This session discusses agile management topics including estimation, project tracking, and useful metrics (and how to obtain them). And just a little about Mingle, the agile project tracking tool from ThoughtWorks.

10:30 - 11:00 AM : BREAK

11:00 - 12:30 PM - Sessions

Session #21 : Simplifying Enterprise Applications with Spring, Part 2 by Ramnivas Laddad

This session (part 2 of 2) will cover advanced concepts in the Spring framework. While the core concepts in the first session will get you started with Spring, the advanced concepts in this session will help you be more effective at developing Spring-based applications.

Session #22 : Java Performance Myths by Brian Goetz

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 #23 : Powerful Metaprogramming Techniques With Groovy by Jeff Brown

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

Session #24 : Facelets by David Geary

Facelets is a combination of Tiles and Tapestry, and it's the hottest JSF-related open source project on the planet. It's popularity is well deserved, and in fact, much of what is in Facelets today will make its way into the JSF 2.0 spec due out in 2008. So not only can you come to this session and see some really cool demos that you can put to use in the real world, but you'll also be learning JSF 2.0 before it's even been defined! How's that for a ROI? **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 #25 : Caring about your Code Quality by Venkat Subramaniam

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

12:30 - 1:30 PM : LUNCH

1:30 - 3:00 PM - Sessions

Session #26 : Architecture Enforcement with AOP by Ramnivas Laddad

Aspect-oriented programming (AOP) is a proven paradigm for enforcing broad organizational policies. In this session, we will explore the definition and enforcement of software architecture policies to help keep a code base clean. We will examine several reusable examples you can apply within your own organization to catch architectural violations.

Session #27 : 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 #28 : 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 #29 : 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 #30 : 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.

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3:00 - 3:15 PM : BREAK

3:15 - 4:45 PM - Sessions

Session #31 : Enterprise Security with Spring by Ramnivas Laddad

Spring Security (formerly known as 'Acegi') enables self-contained, consistent, and extensible solutions for securing your applications. Version 2.0 provides major enhancements including a domain-specific XML namespace, convention-based defaulting, and annotation support. This provides a significantly simpler experience for developers while still supporting the same degree of flexibility.

Session #32 : DSL in Groovy by Venkat Subramaniam

DSL or Domain Specific Languages focus on a domain or problem at hand. They're expressive, but their restricted scope keeps them simple and small from the user point of view. However, designing them is not easy. In this presentation we will explore the features of Groovy and show how they can be used to create DSLs.

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 : 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 #35 : Software Development Risk Management by Mark Johnson

Once you leave academic "hello world" projects, software development is full of unknowns which result in the high rate of project failure we see too often in industry. Reasons for a project failure will vary based on the stakeholder interviewed.

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

Sunday, Aug. 10

8:00 - 9:00 AM : BREAKFAST

9:00 - 10:30 AM - Sessions

Session #36 : 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 #37 : Structuring concurrent applications in JDK 5.0 by Brian Goetz

JDK 5.0 is a huge step forward in developing concurrent Java classes and applications, providing a rich set of high-level concurrency building blocks.

Session #38 : 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 #39 : 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 #40 : Enterprise Messaging Using JMS (Part 1) by Mark Richards

The chances are good that at some point in your career you will need to use messaging to pass information between applications, subsystems, or external systems, particularly with service-oriented architecture on the rise. The Java Messaging Service (JMS) allows Java applications to implement messaging using a standard API, thereby removing the dependency on any particular messaging

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provider. In Part 1 of this session we will take a look at some of the basics of messaging, including sending and receiving messages, message types, and request/reply messaging. I will begin the session by going over the basics of messaging and the JMS API. Then, through interactive coding using OpenJMS I will demonstrate how to connect to JMS providers, send messages, receive messages, and use message properties. Please note that this is a two part session.

10:30 - 11:00 AM : MORNING BREAK

11:00 - 12:30 PM - Sessions

Session #41 : 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 #42 : 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 #43 : 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 #44 : 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 #45 : Enterprise Messaging With JMS (Part 2) by Mark Richards

In Part 1 of the JMS session I covered messaging models, messaging basics, the JMS API, and point-to-point messaging. In this interactive code-intensive session I will cover some additional JMS topics such as browsing queues, load balancing, publishing and subscribing to messages within the pub/sub model, durable and non-durable subscribers, message selectors, and message filtering. I will also discuss and demonstrate message prioritization, persistent and non-persistent messages, and finally message expiration (expiry). Note that this is Part 2 of a two-part JMS session. **Prerequisite:** *Enterprise Messaging With JMS (Part 1) or some knowledge of JMS*

12:30 - 1:15 PM : LUNCH

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

2:15 - 3:45 PM - Sessions

Session #46 : 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.

Session #47 : Squashing bugs with FindBugs by Brian Goetz

Does your program have bugs, despite unit tests, integration tests, and code reviews? You bet. Are you using static analysis as part of your QA process? If not, you're probably missing out on some bugs that can be caught before they bite your customers.

Session #48 : 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.

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Session #49 : Java Persistence: Approaching the Silver Bullet by Mark Richards

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

Session #50 : Software Project Estimation by Mark Johnson

As developers we dread when management requests a project estimate. Typically, you do not have the opportunity to understand all the requirements, the team composition is unknown, and you have been given until tomorrow end of day to produce an estimate. Several months later everyone is yelling at you about the software estimation errors encountered during the project.

3:45 - 4:00 PM : BREAK

4:00 - 5:30 PM - Sessions

Session #51 : Introduction to Spring Faces by Keith Donald

Traditional JSF development has gained a reputation for being overly complex and cumbersome. Spring Faces introduces a host of features that improve the development experience of building and running a JSF web application. In this session, attendees will see a real-time demonstration of how Spring Faces makes the JSF experience more productive and eliminates the pain associated with container restarts and verbose configuration.

Session #52 : FP on JVM by Venkat Subramaniam

Functional Programming Languages (FPLs) have been around for a long time. A lot of features that we get excited about in dynamic languages are common place in FPLs. FPLs are gaining importance due to various changes in our industry. What's exciting is that you can use them on the JVM. In this presentation we will dig into the details of what makes FPLs so interesting and look at ways to use them on the JVM?in your Java projects.

Session #53 : 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 #54 : Transaction Design Patterns by Mark Richards

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

Session #55 : Promoted to Technical Lead. Now what do I do? by Mark Johnson

You have just received the much desired promotion to Technical Team Lead The team is waiting your direction. You What should you do now?