SpringOne Americas 2008

Westin Diplomat

December 1 - 4, 2008

http://americas.springone.com/conference/hollywood/2008/12/index.html

(event schedule as of December 4, 2008)

Mon, Dec. 01, 2008						
	Regency 1	**Regency 2**	**Regency 3**	**Diplomat 1**	**Diplomat 2**	**Diplomat 3**
5:00 - 6:30 PM	Registration					
6:30 - 7:30 PM	Dinner					
7:30 - 7:45 PM	Welcome					
7:45 - 9:00 PM	Keynote: Rod Johnson					
9:00 - 11:00 PM	SpringOne Americas 2008 Opening Night Party					

Tue, Dec. 02, 2008						
	Regency 1	**Regency 2**	**Regency 3**	**Diplomat 1**	**Diplomat 2**	**Diplomat 3**
8:00 - 9:00 AM	Breakfast & Late Registration					
9:00 - 10:30 AM	What's New in Spring Framework 3.0 Juergen Hoeller	Developing Rich Web Applications with Spring Keith Donald	Managing your Applications with SpringSource AMS Jennifer Hickey	Developing Spring applications for the WebSphere platform Mark Schwartz	Effective Use of the Oracle Database with Spring Thomas Risberg	Grails for Spring Developers Graeme Rocher
10:30 - 11:00 AM	Break					
11:00 - 12:30 PM	Enterprise Development Tools for Spring Applications Christian Dupuis and Mik Kersten	Lessons Learned Applying Spring MVC 2.5 Rossen Stoyanchev	Case Study: Spring at LinkedIn Yan Pujante	Introducing Spring Security 2.5 Ben Alex	Inject this: Spring into Fusion Middleware Michael Chen, Patrick Peralta, and Randy Stafford	Introduction to the SpringSource dm Server Rob Harrop
12:30 - 1:30 PM	Lunch					
1:30 - 3:00 PM	Case Study: Migrating to Spring at MTV Networks Justin Edelson	Enhancing Spring MVC Web Applications Progressively with Spring JavaScript Jeremy Grelle	Heterogeneous Cluster Communication Filip Hanik	Introduction to Spring Integration Mark Fisher	VMware Virtualization Makes Java Application Development and Deployment Easier Richard McDougall	Advanced SpringSource dm Server Glyn Normington and Rob Harrop
3:00 - 3:30 PM	Break					
3:30 - 5:00 PM	Making sense of AOP choices Ramnivas Laddad	Working with Spring Web Flow 2 Keith Donald	Enterprise Apache Tomcat Adam Fitzgerald	Spring Integration Deep Dive Mark Fisher	Case Study: Morgan Stanley Spring Usage Mark Kralj-Taylor	Building Large-Scale, Modular Software Glyn Normington and Rob Harrop
5:00 - 5:30 PM	Break					
5:30 - 7:00 PM	Dinner					
7:00 - 8:00 PM	Keynote: John Rymer - Life in a Time of Consolidation: The Platform Market in 2009-10					

Wed, Dec. 03, 2008						
	Regency 1	**Regency 2**	**Regency 3**	**Diplomat 1**	**Diplomat 2**	**Diplomat 3**
8:00 - 9:00 AM	Breakfast					
9:00 - 10:30 AM	Introducing Spring Java Configuration Chris Beams	RESTful Web Applications with Spring 3.0 Arjen Poutsma	Case Study: GWT & Comet Integration with the Spring Framework at NYSE Euronext ATS David Winterfeldt	Spring Batch 2.0 Overview Lucas Ward	Spring-loaded RIA with Appcelerator Kevin Whinnery	Lessons Learned Modularizing Java Applications with OSGi Costin Leau
10:30 - 10:45 AM	Break					
10:45 - 12:15 PM	Examining the OSGi Marketplace Kirk Knoernschild	Getting Hands-On with JavaScript and Browser Technologies Rossen Stoyanchev	Terracotta - Real Apps, Real Frameworks, Real Use Cases Ari Zilka	Scaling Batch Applications in the Enterprise Dave Syer	Enterprise JPA & Spring 2.5 - Tips and Tricks for JEE5 Persistence Pratik Patel	Golden Rules for Managing your Architecture Alexander von Zitzewitz
12:15 - 1:15 PM	Lunch					
	Spring and Java EE 6					

Wed, Dec. 03, 2008						
	Regency 1	**Regency 2**	**Regency 3**	**Diplomat 1**	**Diplomat 2**	**Diplomat 3**
1:15 - 2:45 PM	Juergen Hoeller	The Dojo Toolkit: From Zero to Production Pete Higgins	Persistence Tuning for your Spring Applications Thomas Risberg	Maximizing Architecture Reuse for High Performance Wayne Lund	Building Java Portlets with Spring MVC John Lewis	Architecting scalable reporting and business intelligence applications using Spring and Pentaho Mat Lowery
2:45 - 3:00 PM	Break					
3:00 - 5:30 PM	SpringOne Americas 2008 Beach Party					
5:30 - 6:30 PM	Birds of a Feather Sessions					
6:30 - 7:30 PM	Dinner					
7:30 - 8:30 PM	Keynote: Adrian Colyer					
8:30 - 10:00 PM	Sponsor Reception					

Thu, Dec. 04, 2008						
	Regency 1	**Regency 2**	**Regency 3**	**Diplomat 1**	**Diplomat 2**	**Diplomat 3**
7:30 - 8:30 AM	Breakfast					
8:30 - 10:00 AM	Spring Dynamic Modules Update Costin Leau	Simplifying JavaServerFaces Development with Spring Faces Jeremy Grelle	Zero Latency Http - Using Comet with Apache Tomcat Filip Hanik	Spring and JMS: Message Driven POJOs Mark Richards	Introduction to Spring Extensions Russell Miles	Eating Your Own Dog Food: Spring Inside the Enterprise Bundle Repository Scott Andrews
10:00 - 10:15 AM	Break					
10:15 - 11:45 AM	Advanced Concurrency: Design and Construction Rob Harrop	Client/Server Application Development using JSON SOA/REST Kris Zyp	Managing Spring Applications in the Cloud Jennifer Hickey	Enterprise Messaging with ActiveMQ and Spring JMS Bruce Snyder	Introduction to Spring Python Greg Turnquist	Skyway Generation Framework for Spring Jack Kennedy, Jared Rodriguez, and Mike Evans
11:45 - 12:45 PM	Lunch					
12:45 - 2:15 PM	Spring Cleaning: Tips for Reducing XML in Spring Configuration Craig Walls	Integrating Flex and Spring Jeremy Grelle	Leaving Legacy: Strategies (and Justifications) in moving to Spring Colin Sampaleanu	Implementing and Consuming RESTful Web Services Arjen Poutsma		Spring for .NET - New Feature Update Mark Pollack
2:15 - 2:30 PM	Break					
2:30 - 4:00 PM	Spring for the Angle-Bracket Averse: Developing Spring Applications with Absolutely No XML Craig Walls	Hands-on Workshop: Developing Rich Web Applications with Spring Keith Donald		Testing Strategies and Techniques Jim Moore		Java/.NET interopability with Spring and Spring.NET Mark Pollack
4:00 - 4:30 PM	End of Show					

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What's New in Spring Framework 3.0 by Juergen Hoeller
With the Spring Framework 3.0 release, we are introducing further annotation-based configuration options, unified expression language support and comprehensive REST support. This talk discusses Spring as a modern Java 5 oriented application framework: covering the core component model, annotation-driven web MVC as well as platform integration.

Spring and Java EE 6 by Juergen Hoeller
The Spring Framework is well-known for tight integration with the J2EE 1.4 and Java EE 5 platforms. Now Java EE 6 is coming our way... Where are new integration opportunities emerging? How does Spring differentiate itself from the new programming models in Java EE 6 - in particular from Web Beans? Where is the Spring component model compatible with the direction that Java EE 6 is taking? This talk will provide an early analysis and give an outlook on how the Spring Framework will adopt Java EE 6 APIs in the course of 2009.

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Enterprise Apache Tomcat by Adam Fitzgerald
Apache Tomcat is the most popular Java application server in production today. This session will discuss the usage patterns of Apache Tomcat and the most common issues that arise when it is used in enterprise environments. The goal of the presentation is to introduce and demonstrate useful production tools to help to ensure quality performance of Tomcat in mission critical systems.

Golden Rules for Managing your Architecture by Alexander von Zitzewitz
It is always beneficial for a project to define a clear software architecture. But how can you fight growing deviations between the planned architecture and the physical code base? How can you avoid expensive redesigns and refactoring phases? How can you achieve an outstanding technical quality of your code base? The session explains the basics concepts of architecture management for Java projects.

Terracotta - Real Apps, Real Frameworks, Real Use Cases by Ari Zilka
Writing enterprise Java apps can be a real drag. Apps should be simpler to build and run - doing so will save your company lots of money but, more importantly, it will help you avoid a lot of headaches. You may already know about Terracotta, but this is not just another Terracotta / vendor presentation. We worked with customer use cases and built a real app using real frameworks. It is a fully functioning web application; it’s not just a demo but the app has security, MySQL and ORM, and even more! The source code is totally free and open source and is meant to teach Terracotta tire-kickers what it is like to live with our products as much as it is designed to give the community a springboard for creating apps that are simple to build and implement. Come to this talk if you want to learn all the neat and cool ways we learned to offload the database. Come to this talk if you want to learn how to plug Spring Security, Webflow, MVC, and more into a Terracotta-based backbone. We will spend our entire time together on source code, the internals of Spring and how / what Terracotta is sharing underneath our app. Also, come to this talk if you want to learn what it takes to make Terracotta _really_ scale. This web app we’ll showcase can talk to 50,000 concurrent users on 16 JVMs. We’ve gained a lot of knowledge about Spring, Terracotta, and web app development. We want to share it with you. Do not come to this talk if you want to keep paying your vendor lots of money for your database and application server.

RESTful Web Applications with Spring 3.0 by Arjen Poutsma

One of the major new themes of Spring 3.0 is the support for REST in Spring MVC. In this session, Arjen will investigate these features from the perspective of a web application developer. Attend this session to learn about URI templates, content-negotiation, and other RESTFul concepts.

Implementing and Consuming RESTful Web Services by Arjen Poutsma
REST, the REpresentational State Transfer, is the architectural style underlying the HTTP protocol. In the last couple of years, REST has emerged as a compelling and simpler alternative to SOAP/WSDL/WS-*-based distributed architectures. In this session, Arjen will focus on REST from the perspective of a web service developer, using Spring MVC.

Introducing Spring Security 2.5 by Ben Alex
Does your application need security? If so, you'll find this intensely demonstration-oriented session provides an easy introduction to the popular Spring Security project, and how to apply it to web applications. You'll discover the three easy steps to adding Spring Security to an existing application, how to configure some of your main authentication services, and how to use both web and method authorization capabilities. You'll also receive plenty of pragmatic security tips, plus see demonstrations of the exciting new Spring Security 2.5 expression language (EL) features.

Enterprise Messaging with ActiveMQ and Spring JMS by Bruce Snyder
Systems based on messaging are increasingly being recognized for better handling of unpredictable changes as well as for scaling further than traditional tightly-coupled applications. Apache ActiveMQ is an open source message broker that supports JMS, provides client access from many different languages and offers many advanced features necessary for enterprise level messaging. The Spring JMS APIs greatly simplify JMS messaging by handling common scenarios for you. With these APIs, both synchronous and asynchronous messaging and also Message-Driven POJOs (MDPs) become very easy and are a perfect complement to ActiveMQ.

Introducing Spring Java Configuration by Chris Beams
Spring Java Configuration, or JavaConfig for short, provides a pure-Java and type-safe mechanism for configuring the Spring IoC container. This approach provides the benefits of centralized dependency injection with the power and ease of working in Java and without the angle brackets of XML.

Enterprise Development Tools for Spring Applications by Christian Dupuis and Mik Kersten
Spring IDE is the proven standard toolset for doing Spring development within the Eclipse Platform. It supports Spring's core programming model and the board range of open-source Portfolio Products. With the SpringSource Tool Suite additional value-added features have been introduced that combine Spring IDE and Eclipse Mylyn to significantly streamline the development process and help making SpringSource best-practice knowledge and recommendations available to developers at their fingertips while working in their IDE. This session will introduce the different tool products from SpringSource and will outline their benefits.

Leaving Legacy: Strategies (and Justifications) in moving to Spring by Colin Sampaleanu
Organizations and individuals considering the use of Spring may face a number of concerns which can impact their ability to execute: there may be an existing legacy codebase which needs to be migrated, a lack of familiarity with the new technology, or a need to justify the use of Spring instead of continued use of older technologies or use of other alternatives. This session focuses on strategies and justifications when moving from legacy technologies such as full stack Java EE 1.4 or earlier (with or without EJB 2.x) to the Spring platform. This session will also be of use for those considering the use of Spring with or without full stack Java EE 5.

Lessons Learned Modularizing Java Applications with OSGi by Costin Leau
Modularity, versioning and dynamics make OSGi an ideal candidate for deploying and running Java applications, whether small or large. However, nothing comes for free and resource and, like in any other environment, there are "do"s and "don't"s. In this session, we'll start by looking at OSGi (plus HK2 and JAM while we're at it) and then focus on some of challenges that one might encounter when developing an enterprise application in OSGi and how they can be addressed, using the lessons learned in Spring Dynamic Modules project and SpringSource Application Platform.

Spring Dynamic Modules Update by Costin Leau

Spring Dynamic Modules (or Spring-OSGi) project makes it easy to build Spring applications that run inside an OSGi environment. This allows the application to provide better separation of modules, the ability to dynamically add, remove and update modules in a running system as well as deployment of multiple versions simultaneously.

Spring Cleaning: Tips for Reducing XML in Spring Configuration by Craig Walls
A common complaint about Spring is the vast amount of XML required to configure an application. In this presentation, I'll show you ways to reduce much of the XML required to configure Spring.

Spring for the Angle-Bracket Averse: Developing Spring Applications with Absolutely No XML by Craig Walls
In this session, we'll explore ways of configuring Spring without involving XML. We'll start with an examination of JRuby and Groovy configuration mechanisms and then dig into Spring JavaConfig and see how to wire an entire Spring application together using annotations instead of XML.

Scaling Batch Applications in the Enterprise by Dave Syer
Batch and offline processing is a fact of life for many of us, and by its nature it often comes with deadlines and windows for processing. Sometimes the only way to make that deadline is to take a large job and throw more hardware at it. Unfortunately things aren't always that easy, and this presentation aims to show the design and architecture constraints that are imposed by scalability requirements, and some patterns for implementing scalable batch applications using Spring Batch. Of course not all jobs need to scale, and of those that do, some need to scale in different ways than others. The presentation also discusses those aspects of designing a batch application or batch system, so that developers and programme managers can be confident with their commitments to deadlines, and have some tools for capacity planning if things start to change.

Case Study: GWT & Comet Integration with the Spring Framework at NYSE Euronext ATS by David Winterfeldt
This presentation will cover basic GWT (Google Web Toolkit) and Spring integration as well as more advanced integration using Comet for server side push. The advanced example will use Dojo's Comet Library with the Bayeux Protocol. GWT & Comet were investigated and chosen based on requirements to develop a new web based application to monitor trades that is as responsive as possible and can run in most browers without any plugins. GWT and Comet help address both of these requirements.

Heterogeneous Cluster Communication by Filip Hanik
Many group communications modules are built for a uniform communication model. In many cluster implementations this is often not the best solution to achieve the performance and scalability that is needed in heterogeneous clusters. This presentation will introduce a Tomcat module, nicknamed Apache Tribes, that has addressed the need to support messaging with different attributes per message and is used in the next version of Tomcat Clustering.

Zero Latency Http - Using Comet with Apache Tomcat by Filip Hanik
As browsers and web servers have become de facto standards, the need for instantaneous data exchange has grown. AJAX was one of the responses for a web client to efficiently communicate asynchronously in the background with a remote web server. Tomcat 6.0 has gone beyond AJAX and implemented a new feature called Comet, allowing for both asynchronous uni- and bi-directional communication between client and server while still leveraging the HTTP protocol and Java Servlets. The Comet technique has also been nicknamed "Zero Latency HTTP" as it circumvents the overhead by the traditional request/response methodology that the protocol implies.

Advanced SpringSource dm Server by Glyn Normington and Rob Harrop
Following on from the Introduction to the SpringSource dm Server session, Project Lead Rob Harrop and SpringSource Distinguished Engineer Glyn Normington will discuss advanced dm Server use cases and internals. ***Prerequisite:*** *Introduction to the SpringSource dm Server*

Building Large-Scale, Modular Software by Glyn Normington and Rob Harrop

In this session, SpringSource dm Server Project Lead Rob Harrop and SpringSource Distinguished Engineer Glyn Normington will discuss the design and implementation of large-scale, modular software using the dm Server as a case study.

Grails for Spring Developers by Graeme Rocher
In this talk the Grails project lead, Graeme Rocher, introduces a new way to develop web applications with the Spring framework. The Grails web application framework, based on the Groovy language with powerful Spring underpinnings, is lowering the barrier of entry to Java EE development with Spring.

Introduction to Spring Python by Greg Turnquist
Spring Python is an offshoot of the Spring Framework and Spring Security module, targeted for Python. Spring provides many useful features, and I wanted those same features available when working with Python. Spring Python offers many of the same useful features as Spring including: inversion of control, database template, transaction template, security, aspect oriented programming, and remoting. These are useful tools in any programming language, and are the building blocks for enterprise applications. Code developers have used the Spring framework to leverage their development resources towards working on solutions for their problem space rather than plumbing code. This Spring extension gives users access to a pure python framework that solves many of the same problems. While some parts of Spring have been ported, such as the formidable architecture of Spring Security, other things have been coded from the ground up using the dynamic nature of python, such as AOP. Everything has been coded to be succinct while providing the user with practical, usable tools to solve their problems.

Skyway Generation Framework for Spring by Jack Kennedy, Jared Rodriguez, and Mike Evans
Learn how to accelerate the delivery of Spring applications using the Skyway Generation Framework for Spring. This session will focus on how developers are using Skyway's Domain-Specific Language (DSL) and Spring-certified code generation capabilities to design, develop and maintain Spring applications. The session will also demonstrate how the modularity of the Skyway Generation Framework for Spring enables users to generate Spring code and artifacts as an end-to-end solution or for individual Spring Framework modules (Spring MVC, ORM, DAO, Service, Core).

Managing your Applications with SpringSource AMS by Jennifer Hickey
Is your application feeling neglected? Once you deployed it into production, did you drift apart? Perhaps you abandoned your deployed application for some hot new project? Come to this session to learn how to use the SpringSource Application Management Suite (AMS) to reconnect with your Spring-powered application in both development and production environments. We will explore how AMS uses AOP and JMX to provide automatic discovery, monitoring and runtime control of a variety of Spring components. Attendees will learn how to use the AMS API to easily build manageability into their own application components. Attend this session and learn how to break down those communication barriers and gain new insight into your application.

Managing Spring Applications in the Cloud by Jennifer Hickey
This session shows a practical application of cloud computing using multiple new SpringSource products. It demonstrates a set of actual applications, including SpringSource dm Server and AMS, working together in multiple virtual nodes.

Enhancing Spring MVC Web Applications Progressively with Spring JavaScript by Jeremy Grelle
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 simplifies 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 for your Spring MVC web applications.

Simplifying JavaServerFaces Development with Spring Faces by Jeremy Grelle
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 and performance a JSF application. In this session, attendees will see a real-time demonstration of how Spring Faces makes the JSF experience more productive and reduces the pain of container re-starts and verbose configuration.

Integrating Flex and Spring by Jeremy Grelle

Flex offers several ways to communicate remotely from the client to a back-end system, but it is ultimately agnostic to the technology being used on the server. Connecting a Flex front end to a Spring-based service layer has long been possible, but it hasn't always been easy or obvious how to do so without a heavy investment in proprietary technology. Come to this session to see how to take advantage of the recently open-sourced BlazeDS project from Adobe to make connecting Flex to Spring easier and more natural.

Testing Strategies and Techniques by Jim Moore
Spring was created largely in response to the desire to be able to test the code we write in the enterprise. Surprisingly, this is still a novel idea to many people. We will explore some of the ways that Spring facilitates testing and associated design in your applications across the Spring Portfolio, such as Spring Batch, Spring Web Flow, and more. As a great side-benefit, we will see how (in a cursory way) the various Spring projects work.

Building Java Portlets with Spring MVC by John Lewis
This session will provide a complete tour of using the Spring MVC framework to build Java Portlets. It will include an in-depth review of a sample portlet application developed using the latest features of Spring MVC, including Annotation-based Controllers. If you are writing Portlets and using Spring, this session is for you.

Life in a Time of Consolidation: The Platform Market in 2009-10 by John Rymer
IBM and Oracle are now the big dogs in Java middleware, and Microsoft's enterprise onslaught is generating double-digit .NET growth in a down economy. Game over, right? Not at all. All three vendors must overcome their inherent complexity and high costs of their suites in a market that increasingly rewards platforms with strong fit-to-purpose, high configurability, low costs. Open source is growing as a factor in the market, not shrinking. This speech will outline the directions, drivers, and likely outcomes of the platform market in this time of vendor consolidation.

Case Study: Migrating to Spring at MTV Networks by Justin Edelson
This case study analyzes the enterprise architecture migration to Spring at MTV Networks Digital. The presentation covers details about how Spring was chosen to replace ATG Dynamo and provides an architectural comparison. The session also identifies practical lessons learned during the migration and how other architects of large enterprise systems can leverage them for their own projects.

Developing Rich Web Applications with Spring by Keith Donald
Spring offers several interesting modules for building and running rich web applications: Spring 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. Attendees will see how Spring simplifies the development and deployment of rich web applications on containers like Tomcat, as well as on Spring's new application server. Attendees will also gain insight into the Spring 3.0 roadmap, including exciting new REST, JSON, and Flex support.

Working with Spring Web Flow 2 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 2 definition language, and illustrates how to use it to create sophisticated controller modules.

Hands-on Workshop: Developing Rich Web Applications with Spring by Keith Donald
In this session, attendees will interact with the speaker to create a web application powered by Spring MVC 3.0. Bring your laptop to this session to get hands on experience with Spring.

Spring-loaded RIA with Appcelerator by Kevin Whinnery
This session will demonstrate how developers can rapidly front a Spring-powered service layer with the Appcelerator Rich Internet Application framework. Learn the basics of Appcelerator's message bus, which connects a HTML, CSS, and JavaScript based web client with back end services implemented using Spring Framework in a seamless message-oriented architecture. Learn to develop a browser-based RIA with as much (or as little) JavaScript as you would like with Appcelerator's Web Expression Language. Get things

done right on the back end with Spring Framework, and get a rich, event-driven UI in the browser without needing to be a JavaScript guru.

Examining the OSGi Marketplace by Kirk Knoernschild
The OSGi Service Platform is a standard dynamic module system for Java. Already under adoption by most major platform vendors, OSGi is a disruptive technology that stands to transform the packaging, delivery, and management of Java applications and services. Extending the capabilities of the Java platform, OSGi supports the ability to deploy multiple versions of a module, discover new modules dynamically, and deploy modules without restarting the system. In this session, analyst Kirk Knoernschild will introduce the OSGi Service Platform, examine the current OSGI market, and explore OSGi's place in the next generation Java application platform.

Client/Server Application Development using JSON SOA/REST by Kris Zyp
JSON is rapidly becoming the standard means for data on the web, and service oriented architecture (SOA) and REST interfaces are proving to be the architecture of choice. By using existing and emerging format built on JSON for defining web services, developers can rapidly build and consume web services with high levels of modularity and reusability that can be provided by SOA and JSON in a web environment, and leverage the REST style architecture for scalable interoperable client/server interfacing. We will specifically look out we can use the Dojo JavaScript library to connect to these services. ***Prerequisite:*** *Certainly not required, but RESTful Web Applications with Spring 3.0 by Arjen Poutsma would be certainly help provide a good understanding of the Spring side of implementing RESTful services.*

Spring Batch 2.0 Overview by Lucas Ward
This presentation will discuss new features in the 2.0 release of the Spring Batch framework. These include enhancements made for Java 5, including annotations and parameterized types, along with other improvements that have been made based on community feedback.

Introduction to Spring Integration by Mark Fisher
Spring Integration was officially announced at The Spring Experience last year, and since then we have released 1.0. Attend this session to learn what Spring Integration is all about and how you can get started using it right away.

Spring Integration Deep Dive by Mark Fisher
Intended for those who have already attended the "Introduction to Spring Integration", this session offers an intensive, demo-driven exploration of Spring Integration's advanced configuration options and extension points. ***Prerequisite:*** *Introduction to Spring Integration*

Case Study: Morgan Stanley Spring Usage by Mark Kralj-Taylor
This session will explore how and why Spring is being used at a large financial institution. At Morgan Stanley we use Java a lot: What kinds of systems do we develop in Java? Why did we decide to use Spring? What problems did Spring solve for us? How did we adopt Spring across a large enterprise, for established projects as well as for new developments?

Java/.NET interopability with Spring and Spring for .NET by Mark Pollack
Given the increasing prevalence of .NET and Java being used together within the same company, understanding how to make these two technologies communicate with each other and the role of Spring in this scenario is becoming yet another skill set to have in ones proverbial developer toolbox.

Spring for .NET - New Feature Update by Mark Pollack
The Spring for .NET 1.2 release introduced several important new features. This session gives provides an in depth demonstration of those features including messaging (MQMQ, ActiveMQ), WCF integration, and scheduling support using Quartz.NET. The Spring for .NET 2.0 roadmap will also be discussed.

Java/.NET interopability with Spring and Spring.NET by Mark Pollack
In this session we will show various approaches to interopability between Java and .NET using the Spring framework on both sides to provide a consistent programming model. Examples showing interopability using

web services, REST, and message oriented middleware will demonstrated with a .NET client and Java based servers including the SpringSource Application Platform.

Spring and JMS: Message Driven POJOs by Mark Richards
The Java Message Service (JMS) provides an standard messaging API that allows you to send and receive messages using a variety of messaging providers (including Java EE application servers). The Spring Framework takes this abstraction one step further by providing an robust JMS messaging framework that greatly simplifies message processing. In this session we will see how to use the JMS Messaging Framework provided in Spring 2.5. I will start by describing Spring's overall messaging architecture and how to configure the various beans needed for messaging. Then, through interactive coding I will discuss and demonstrate Spring's JMS Template. which is used for sending messages and receiving messages synchronously. I will then discuss and demonstrate Message Driven POJOs, which are Spring's answer for asynchronous message listeners. After attending this session you will have all the necessary knowledge and code examples to use JMS in your Spring applications.

Developing Spring applications for the WebSphere platform by Mark Schwartz
Aetna has released more than 70 applications built on the Spring Framework and deployed on WebSphere since early 2006. In this presentation I will present options we considered in both the Spring Framework and the WebSphere platform for configuration, packaging, initialization, and management of these applications. I will also discuss some of the techniques we have used to introduce our development community to the Spring Framework.

Architecting scalable reporting and business intelligence applications using Spring and Pentaho by Mat Lowery
This session will discuss technology and techniques for Spring developers to create scalable reporting and business intelligence (BI) applications using technologies from Springsource and Pentaho. It will briefly review Pentaho’s technical capabilities and then focus on application design, integration, and deployment along with some interesting real-world use cases and customer examples.

Inject this: Spring into Fusion Middleware by Michael Chen, Patrick Peralta, and Randy Stafford
Oracle Fusion Middleware features a unique Hot-Pluggable architecture that integrates and extends the Spring Framework, making it easy to use in your custom applications. This session will highlight how products like Oracle Coherence, Oracle WebLogic Server, and Oracle Toplink, as well as open source persistence technology like EclipseLink can solve a wide range of problems for the enterprise developer.

The Dojo Toolkit: From Zero to Production by Pete Higgins
The Dojo Toolkit provides professional tools for all your Rich Web(tm) requirements, ranging from a minimal set of utility functions for everyday Web Development to cutting edge client-side technology including a full suite of tools for every step of development. We'll cover the lightweight Base Dojo utility functions provided by the the 26k dojo.js, explore the benefits of Dojo's package and loader system, Widgeting framework, pre-made UI widgets, DojoX components in incubation like Charting, Cometd/XMPP, SMD, among others, and finish up by showing how the Dojo Build system can shave every last available byte on the wire down to a minimal collection of client-side code. From progressive to dynamic, Dojo provides all the tools needed within a single unified API to get you going -- from zero to production.

Enterprise JPA & Spring 2.5 - Tips and Tricks for JEE5 Persistence by Pratik Patel
As with many technologies, the basics are easy. The hard part comes when the developer needs to do sophisticated integration, development, and testing as part of an enterprise application. A large enterprise application requires the developer to think of issues that affect the development, scalability and robustness of the application. This presentation will cover the advanced topics described below. A large enterprise application often will have several sub-projects that each contain their own JPA persistence unit. This opens up a number of questions around how to organize the persistence units and how the code between sub-projects should interoperate. Developers will gain insight into these issues and will see a couple of solutions using live code examples.

Making sense of AOP choices by Ramnivas Laddad
One-size-fit-all fits nothing! Just one kind of AOP won't fit all applications, either. Therefore, there are many choices available when using Spring-AspectJ combination. First, there is a choice about AOP system: proxy-based AOP or bytecode-based AOP. Then there is a syntax choice: traditional AspectJ, @AspectJ,

and XML syntax. Within bytecode-based weaving, there are weaving choices: build time weaver or load-time weaver (LTW). If you choose LTW, you have further choices of AspectJ agent-driven or Spring-driven LTW. Confused? Don't be. These choices, while confusing at first, exists for a reason. This session explores all these choices and provides guideline on choosing the right combination to make you successful with AOP.

VMware Virtualization Makes Java Application Development and Deployment Easier by Richard McDougall
If you're curious about the ways virtualization can be used in Java development and deployment, you'll want to attend this session. VMware principal engineer Richard McDougall discusses the new SpringSourceTool Suite integration with the VMware Workstation Eclipse plug-in that lets you seamlessly move Java application code into a VMware virtual machine with a few mouse clicks, speeding application development, testing, and debugging. You'll learn how VMware virtualization technology provides cost advantages and deployment flexibility for runtime deployments of lightweight, modular server architectures from Spring - on desktops, in data centers or in virtualized grid or cloud environments. Best practices for running Java workloads in VMware virtual machines will be included in the presentation as well.

Introduction to the SpringSource dm Server by Rob Harrop
The SpringSource dm Server is the next-generation modular middleware platform. In this session, Project Lead Rob Harrop and SpringSource CTO Adrian Colyer will present a rapid, hands-on introduction to the dm Server.

Advanced Concurrency: Design and Construction by Rob Harrop
Following on from his popular concurrency session from last year, Rob will present a hardcore discussion of concurrency in Java and beyond. Attendees will learn about: * Concurrency in Java 6 and Java 7 * Patterns for concurrent applications * Design considerations and pitfalls * Concurrency beyond Java including Kilim, Erlang and Scala * Diagnosing concurrency bugs Attendees should have a thorough understanding of Java SE.

Lessons Learned Applying Spring MVC 2.5 by Rossen Stoyanchev
Version 2.5 of Spring MVC introduced a new programming model based on annotations. In the last year, best practices have emerged on how to use this programming model effectively. Attend this session to get an in-depth walk-through of the programming model, learn the best practices, and then see how to apply them on your project.

Getting Hands-On with JavaScript and Browser Technologies by Rossen Stoyanchev
Ajax is a starting point for web application development today. But how comfortable are you with foundational browser technologies including modern HTML markup, DOM scripting with JavaScript, external design through CSS as well as related topics such as progressive enhancement, unobtrusive JavaScript, accessibility, and others? Today's server-side developer has to break the ice and venture into client-side technologies and learn some good practices. For example it is common to separate style from the HTML and while you don't have to become a CSS expert you do need to understand what makes good HTML markup so that visual design can be successfully externalized and delegated to a designer if necessary. Come to this session to learn what's important in web development today including both debugging techniques as well as a discussion of important design ideas for the client side. Design ideas will be presented in the context of Spring JavaScript and you will learn how it can help you to meet those design goals effectively.

Introduction to Spring Extensions by Russell Miles
Spring Extensions, in a nutshell, are open source projects that extend the core Spring portfolio projects. The goal is to create high quality, popular and well documented extension projects to Spring, each with their own identity and release cycle. Each Spring Extension represents a discrete and useful product that SpringSource customers can be assured, once those projects hit a specific level of maturity, meet the high quality bar normally associated with the Spring Portfolio projects. Each project is lead by members of the Spring Community along with a SpringSource sponsor whose job is to guide the project to its full potential, promoting the extension internally and to clients and making sure that the extension gets the maximum benefit from being associated with the strong SpringSource brand.

Eating Your Own Dog Food: Spring Inside the Enterprise Bundle Repository by Scott Andrews
The SpringSource Enterprise Bundle Repository is a OSGi-compliant Maven artifact repository with a rich front-end user interface. This mission-critical application is also built on the latest version of Spring, and

serves as a good example for Spring best practice (and lessons learned for non-best practices). Come to this session to see how this innovative application works and how it applies the latest Spring technologies.

Effective Use of the Oracle Database with Spring by Thomas Risberg
In this talk we will look at some advanced features of the Oracle Database that most developers overlook. This includes the native XML data type, Advanced Queuing for messaging and transparent auditing of database changes. During the presentation the features will be shown in live code and we will walk through three complete examples utilizing the discussed features. One example will show how to use triggers and Advanced Queuing to monitor changes made to the database. Another example shows how we can persist domain objects as XML data using JAXB and Oracle's XMLType. A third example shows how we can create an audit trail in the database by propagating the web application principal information to the database and logging any changes made to database tables. We will also discuss how the Advanced Pack for the Oracle Database can make these tasks a lot simpler, both in terms of development effort and for configuration.

Persistence Tuning for your Spring Applications by Thomas Risberg
This talk will discuss a variety of issues you should consider when tuning the persistence layer of your Spring applications. We will discuss SQL tuning, JDBC tuning and to some extent database tuning. We will also look at the unique issues encountered with ORM tools like Hibernate and EclipseLink. One issue covered in detail is the performance impact of eager vs. lazy loading. To tune ORM tools, you need to be able to capture the generated SQL. We will show some useful tools that can help with this.

Maximizing Architecture Reuse for High Performance by Wayne Lund
Learn how you can maximize your success with reusable, industrialized architectures. This session will focus on how Accenture integrates standard processes, tools, and architectures to enable full-scale industrialization for high performance. It will also highlight some of the recent steps Accenture has taken with SpringSource to enable accelerated development through standardized development environments and runtime architectures supporting web online, batch and integration application style development for client solutions.

Case Study: Spring at LinkedIn by Yan Pujante
At LinkedIn, we have been using Spring (very extensively) for several years. Our application uses over 1000 spring files for the configuration and wiring of all the components of the system. In this session I will present the problems we were trying to solve when we decided to use Spring as a solution and how we extended Spring to suit our particular needs (through the standard xml extension mechanism introduced with Spring 2.0).