

The Spring Experience

Westin Diplomat

December 12 - 15, 2007

<http://www.thespringexperience.com/conference/hollywood/2007/12/index.html>
(event schedule as of December 15, 2007)

Wed, Dec. 12, 2007					
	GREAT HALL 5	GREAT HALL 6	DIPLOMAT 1/2	DIPLOMAT 3	DIPLOMAT 4/5
5:00 - 6:30 PM	Registration - GREAT HALL 4 FOYER				
6:30 - 7:30 PM	DINNER - GREAT HALL 4				
7:30 - 7:45 PM	WELCOME & SPEAKER INTRODUCTIONS: GREAT HALL 4				
7:45 - 9:00 PM	OPENING DAY KEYNOTE - ROD JOHNSON: GREAT HALL 4				
9:00 - 11:00 PM	THE SPRING EXPERIENCE PARTY: GREAT HALL 4 FOYER				

Thu, Dec. 13, 2007					
	GREAT HALL 5	GREAT HALL 6	DIPLOMAT 1/2	DIPLOMAT 3	DIPLOMAT 4/5
8:00 - 9:00 AM	Breakfast				
9:00 - 10:30 AM	Spring in Action: Fundamentals for Developing Spring Apps Craig Walls	Enterprise Integration Patterns with Spring - Part I Mark Fisher	Five Aspects You Don't Know About Alef Arendsen	"Full Stack" Web Frameworks: How Does Spring Stack Up? Keith Donald	Improving Application Design with a Rich Domain Model Chris Richardson
10:30 - 11:00 AM	Morning Break				
11:00 - 12:30 PM	What's New in Spring 2.5? Juergen Hoeller	Enterprise Integration Patterns with Spring - Part II Mark Fisher	From the Oracle Trenches: Laying the Foundation for the Next Generation Application Server Hal Hildebrand	Simplifying CRUD Web Applications Alef Arendsen	Case Study: HSBC "Joins Up" Using Spring Mike Esler
12:30 - 12:45 PM	Break				
12:45 - 2:00 PM	Lunch				
2:00 - 3:30 PM	Testing Rich Domain Models Chris Richardson	Data Access and I/O Strategies for Batch Processing Rob Harrop	Spring .NET - An Update Mark Pollack	Ajax Integration Guide for 2008 Jeremy Grelle	Task-Focused Programming with Eclipse Mylyn Mik Kersten
3:30 - 4:00 PM	Afternoon Break				
4:00 - 5:30 PM	The State of the Art in Dependency Injection Rod Johnson	Spring on Java EE Juergen Hoeller	Introducing Spring Batch Dave Syer and Lucas Ward	Spring Cleaning: Tips for Managing XML Clutter Craig Walls	Spring and Java Server Faces: A Match Made in Heaven? Jeremy Grelle
5:30 - 5:45 PM	Break				
5:45 - 7:00 PM	Dinner				
7:00 - 8:00 PM	Special Guest Keynote with John Rymer, Forrester Research Vice President				
8:00 - 9:00 PM	Rapid Fire: The IBM ObjectGrid Billy Newport	Rapid Fire: The Compass Enterprise Search Engine Framework Shay Banon	Rapid Fire: The Coherence Data Grid Patrick Peralta	Rapid Fire: The RSF UI Component Framework Aaron Zeckoski and Antranig Basman	Rapid Fire: A Framework for Testing Clustered Applications Nati Shalom

Fri, Dec. 14, 2007					
	GREAT HALL 5	GREAT HALL 6	DIPLOMAT 1/2	DIPLOMAT 3	DIPLOMAT 4/5
7:30 - 8:30 AM	Breakfast				
8:30 - 10:00 AM	Web Application Data Access Patterns Keith Donald	Spring Security Fundamentals Ben Alex	Useful Spring Extensions Costin Leau and Craig Walls	AspectJ for Spring Developers Ramnivas Laddad	Batch Processing Performance Guidelines Wayne Lund
10:00 - 10:15 AM	Morning Break				
10:15 - 11:45 AM	Practical Enterprise Concurrency Rob Harrop	Configuring Spring with Annotations Juergen Hoeller and Mark Fisher	Focusing Enterprise Java Development: Mylyn and Spring IDE Christian Dupuis and Mik Kersten	Case Study: Morgan Stanley Spring Usage Mark Kralj-Taylor	Transparent Ajax with Spring Web Flow and ICEfaces Ted Goddard
11:45 - 12:45 AM	Lunch				
12:45 - 2:15 PM	The Power of Native Transactions Juergen Hoeller	Grails for Spring Developers Graeme Rocher	Dynamic Languages in a Spring Application Architecture Venkat Subramaniam	Scale Out Your Spring Applications in 3 Simple Steps Nati Shalom	Best Practices in UI Component Design Keith Donald
2:15 - 2:30 PM	Afternoon Break				
2:30 - 4:00 PM	Introducing Spring Web Services Arjen Poutsma	Empowering Spring with Groovy DSLs Graeme Rocher	Spring LDAP Essentials Mattias Arthursson	Building Extreme Transactional Processing (XTP) Applications with WebSphere XD ObjectGrid and Spring Billy Newport	Spring Web Flow Hidden Gems Erwin Vervaeet
4:00 - 7:00 PM	The Spring Experience Beach and Pool Party				
7:30 - 8:30 PM	Dinner				
8:30 - 9:30 PM	Keynote with Adrian Colyer and Rob Harrop				
9:30 - 10:30 PM	Birds of a Feather Sessions: Birds of a Feather: Enterprise Application Integration Juergen Hoeller	Birds of a Feather Sessions: Birds of a Feather: Extreme Scalability Rob Harrop	Birds of a Feather Sessions: Birds of a Feather: Security Ben Alex	Birds of a Feather Sessions: Birds of a Feather: Web Application Design Keith Donald	Birds of a Feather Sessions: Birds of a Feather: Aspect Oriented Programming in the Enterprise Ramnivas Laddad

Sat, Dec. 15, 2007					
	GREAT HALL 5	GREAT HALL 6	DIPLOMAT 1/2	DIPLOMAT 3	DIPLOMAT 4/5
7:30 - 8:30 AM	Breakfast				
			Testing Web Applications		Portlet Development with Spring

Sat, Dec. 15, 2007

	GREAT HALL 5	GREAT HALL 6	DIPLOMAT 1/2	DIPLOMAT 3	DIPLOMAT 4/5
8:30 - 10:00 AM	Architecture Enforcement with AspectJ and Other Tools Ramnivas Laddad and Alef Arendsen	What's New In Spring Security 2? Ben Alex	Jim Moore	Working with Hibernate in a Spring 2.5 Environment Rossen Stoyanchev	John Lewis
10:00 - 10:15 AM	Morning Break				
10:15 - 11:45 AM	Advanced Directory Integration using Spring LDAP Mattias Arthursson	RESTful Web Services Arjen Poutsma	Desktop Matters Jim Moore	Rich Web Forms Jeremy Grelle	Persistence Tools for a Spring Environment Thomas Risberg
11:45 - 12:45 PM	Lunch				
12:45 - 2:15 PM	Case Study: Orbitz Worldwide's Next Generation Online Travel Platform Michael Alford	WS-DuckTyping with Spring Web Services Arjen Poutsma	Spring OSGi Update Adrian Colyer	Leveraging Annotations with AOP Ramnivas Laddad	Temporal Issues in a Rich Domain Model Erwin Vervaeet
2:15 - 2:30 PM	Afternoon Break				
2:30 - 4:00 PM	Securing Portlets with Spring Security John Lewis	Enterprise Application Management with Spring Jennifer Hickey	From "Hello World" to Real World : Building Web Apps with Spring OSGi Craig Walls	Comparing Open Source Web Service Frameworks Rossen Stoyanchev	Inside Spring Batch - What Makes it Tick? Dave Syer and Lucas Ward
4:00 - 4:30 PM	Closing Ceremony				

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The State of the Art in Dependency Injection by Rod Johnson

Spring, as the leading Java application framework, brought dependency injection and POJO programming to the mainstream. In this session Rod will look at new advances in the field of dependency injection, and explore how Spring's recent work compares to others in this field.

What's New in Spring 2.5? by Juergen Hoeller

This session provides a practical tour through what's new in Spring. If you are using Spring 2.0 and seek the most bang for your buck when upgrading to Spring 2.5, this session is for you. If you are not yet using Spring this is the place to be to get a good overview of the latest developments.

Spring on Java EE by Juergen Hoeller

The Spring Framework is well known as a "Java EE" application framework. However, what does this really mean in terms of Java EE platform features and platform integration? This session discusses Spring 2.5's Java EE support in detail, focusing on advanced integration with specific servers, covering J2EE 1.4 as well as Java EE 5 editions of common server products.

Configuring Spring with Annotations by Juergen Hoeller and Mark Fisher

In this session, we will take a deep-dive into annotation-based dependency injection with Spring 2.5. You will learn how to combine annotation and XML formats, how to customize component scanning, and how to leverage Java 6 annotations within a Spring application. Since there is no "one size fits all" solution to application configuration, we will wrap up the discussion with general guidelines to consider when employing this approach.

The Power of Native Transactions by Juergen Hoeller

A key piece of every Java EE server is the XA transaction coordinator, responsible for handling all transactional needs in a server environment. However, many applications do not need distributed XA transactions in the first place; native database transactions are often a more efficient and more powerful option. This talk illustrates Spring's support for native database and messaging transactions in various scenarios, including the use of multiple native resources within the same transaction.

Birds of a Feather: Enterprise Application Integration by Juergen Hoeller

Come to this BOF for a lively discussion of patterns for Enterprise Application Integration (EAI) with Mark Fisher, Juergen Hoeller, and Mark Pollack.

Spring OSGi Update by Adrian Colyer

In this session, the latest advances in the Spring OSGi project will be presented, and several concrete applications of the project will be discussed and demoed. We will also discuss how OSGi as a platform influences your development and deployment.

AspectJ for Spring Developers by Ramnivas Laddad

This talk introduces AspectJ to developers experienced with Spring and explains core AspectJ constructs. Attendees will learn the essentials of AspectJ and how to use it to create even simpler Spring-based applications.

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Birds of a Feather: Aspect Oriented Programming in the Enterprise by Ramnivas Laddad

Come to this BOF for a lively discussion of AOP in the Enterprise with Ramnivas Laddad, Adrian Colyer, and Jennifer Hickey.

Architecture Enforcement with AspectJ and Other Tools by Ramnivas Laddad and Alef Arendsen

Aspect-oriented programming (AOP) is a proven paradigm for enforcing broad organizational policies. In this session, Ramnivas and Alef will explore the definition and enforcement of software architecture policies to help keep a code base clean. They will present several reusable examples you can apply within your own organization to catch architectural violations. They will also demo the best features of the leading off-the-shelf architectural enforcement tools.

Leveraging Annotations with AOP by Ramnivas Laddad

This session explores using custom annotations to add cross-cutting behavior to your applications. We will examine several concrete use cases for defining your own custom annotations, then show how to consume those annotations at runtime to apply new functionality.

Rapid Fire: The RSF UI Component Framework by Aaron Zeckoski and Antranig Basman

Come to this session to learn about Reasonable Java Server Faces (RSF), a unique Java-based UI component framework that emphasizes plain old semantic HTML and supports a Web Designer / Developer separation of roles.

Five Aspects You Don't Know About by Alef Arendsen

Aspect-oriented programming has been around for quite some time now. Today, AOP is used in a wide range of applications to solve a wide variety of problems. However, some of those solutions are not very well-known to the general Java development community. In this session, Alef will explore several aspects he has seen used in real-world projects.

Simplifying CRUD Web Applications by Alef Arendsen

CRUD (create/read/update/delete) actions on domain entities are a significant part of what database-backed web applications are about. Frameworks like Ruby on Rails apply useful conventions that simplify implementing CRUD functionality. These same conventions can be applied in a Spring Web environment to deliver great productivity gains. Come to this session to see how to efficiently implement CRUD actions end-to-end in your Spring Web application.

Introducing Spring Web Services by Arjen Poutsma

2007 was the year of Spring Web Services 1.0. In this session, attendees will learn what this solid product has to offer from its creator. Come to this session to see how to apply the latest Spring WS release to develop and consume interoperable, document-driven web services.

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-based distributed architectures. In this session, Arjen will explain what REST is, how it can be used to build Web Services, and where it makes sense to use.

WS-DuckTyping with Spring Web Services by Arjen Poutsma

One of the most interesting features of languages such as Smalltalk, ObjectiveC, and Ruby is duck typing. This session will show you how you can apply duck typing to Web Services to make them more flexible and less strict.

Spring Security Fundamentals by Ben Alex

This session introduces Spring Security to those not already using it, or those seeking to gain a wider appreciation of what it can do for a typical enterprise application. Attendees will learn how to configure and deploy a basic Spring Security system, as well as gain knowledge on how to extend the system to meet their unique security requirements.

Birds of a Feather: Security by Ben Alex

Come to this session for a lively discussion on implementing secure systems with Ben Alex and Erwin Vervaeke.

What's New In Spring Security 2? by Ben Alex

This session will cover the exciting new capabilities of Spring Security 2 M1. We'll cover what each new feature does and how you would configure it. We'll highlight how to upgrade your existing Acegi Security 1.0.x configurations to the new and significantly simplified Spring Security 2 configuration format.

Rapid Fire: The IBM ObjectGrid by Billy Newport

This session illustrates how to build redundant grids using ObjectGrid that make sure processing can continue when serious infrastructure failures occur.

Building Extreme Transactional Processing (XTP) Applications with WebSphere XD ObjectGrid and Spring by Billy Newport

This session first provides an introduction to ObjectGrid, then examines how to build J2SE-based Extreme Transactional Processing (XTP) applications with ObjectGrid and Spring. Attendees will see ObjectGrid and Spring applied in the context of a realistic financial markets scenario.

Improving Application Design with a Rich Domain Model by Chris Richardson

In this presentation, you will learn how to improve your applications by implementing business logic using a rich domain model. Chris will refactor a procedural design into an object-oriented design and illustrate the benefits of using the object-oriented approach. You will learn how to identify procedural code smells and eliminate them by refactoring your code - something you can start doing the Monday morning after the conference.

Testing Rich Domain Models by Chris Richardson

A domain model encapsulates data and behavior together into expressive domain objects. Testing is not only important for verifying domain behavior, but also measuring the suitability of the design. In this session, Chris will show you testing techniques that build confidence in your code and help you improve your design.

Focusing Enterprise Java Development: Mylyn and Spring IDE by Christian Dupuis and Mik Kersten

Recently, the benefits of Mylyn have been combined with the open source Spring IDE project to provide a tool for developing Spring applications. Come to this talk to see this development tool in action.

Useful Spring Extensions by Costin Leau and Craig Walls

Spring Modules is a java.net project that provides a home for extensions to the Spring Framework, almost like a Spring plugin repository. This session will provide an overview of the extensions, highlight the coolest ones and show you how you can get started with them in your applications.

Spring in Action: Fundamentals for Developing Spring Apps by Craig Walls

Spring has been one of the most exciting frameworks to emerge in the past few years. With Spring you can decouple your application's objects, enrich them with AOP, and apply transactional boundaries and security to them declaratively. It simplifies data access, remoting, web services, and JMS. It comes with its own web framework. And, even though Spring eliminates much of the need for EJBs, it will still integrate nicely with any EJBs you may have lying around. What's not to love?

Spring Cleaning: Tips for Managing XML Clutter by Craig Walls

A frequent complaint about Spring is the amount of XML required to configure an application. In this presentation, I'll show you ways to reduce or even eliminate much of the XML required to configure Spring.

From "Hello World" to Real World : Building Web Apps with Spring OSGi by Craig Walls

You're already designing your web application in layers (aren't you?). Then why are you still deploying it as one big WAR file? In this presentation, I'll show you how to use Spring and OSGi to build a web application in individual bundles that can be managed and deployed independent of each other.

Introducing Spring Batch by Dave Syer and Lucas Ward

This presentation will introduce the exciting new Spring Batch project by example. Attendees will explore interesting cases of early adoption from clients of Accenture and Interface21 to learn the problems Spring Batch solves and the value it provides.

Inside Spring Batch - What Makes it Tick? by Dave Syer and Lucas Ward

This presentation will give participants a chance to see the details of Spring Batch internals from the perspective of its creators. This will be of interest to anyone using Spring Batch and wanting to know more about how it works, and equally to those who are framework developers and want to see a few tricks.

Spring Web Flow Hidden Gems by Erwin Vervae

Spring Web Flow is a powerful UI flow engine with many unique features to take advantage of in your own applications. In this session, you will learn about some of the lesser known features of Spring Web Flow and when to use them. Even if you have been working with Web Flow for some time, you'll come out of this session having learned something new.

Temporal Issues in a Rich Domain Model by Erwin Vervae

This session will explain the common and complex requirement of tracking changes to information managed by a rich domain model. You will be introduced to actual-temporal, record-temporal and bi-temporal change tracking and the issues involved. Furthermore, you will also learn about several different approaches and patterns related to this problem. Finally, Erwin will show you a practical implementation of bi-temporal data leveraging Hibernate.

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.

Empowering Spring with Groovy DSLs by Graeme Rocher

Domain specific languages (DSL) are becoming increasingly prominent with the rise of dynamic languages like Groovy and Ruby. In this talk Graeme Rocher, Grails Project Lead, introduces two interesting use cases from the Grails framework: A Spring Configuration DSL and a Spring Web Flow DSL using Groovy.

From the Oracle Trenches: Laying the Foundation for the Next Generation Application Server by Hal Hildebrand

The application server market is rapidly moving from monolithic to targeted solutions where end users have more control over how their systems are provisioned and configured. Spring and OSGi are important technologies for creating these targeted solutions. Oracle is building on both Spring and OSGi to lay the foundation for their next generation application server. This session will provide a behind the scenes look at the challenges and results of this work.

Enterprise Application Management with Spring by Jennifer Hickey

Designing your enterprise application for management can be a daunting task. Developers need runtime visibility into their application once it is deployed, but often times are faced not only with the challenge of how to provide this visibility but also with the challenge of determining how much visibility to provide. In this session, you will learn practical techniques that can be used to address these issues. You will also see how Spring can play a role both in building manageability into your enterprise applications and in managing those applications once they are deployed.

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Ajax Integration Guide for 2008 by Jeremy Grelle

Today, there are a wealth of technologies to take advantage of to add Ajax behaviors to your web applications. This session will assume you know the basics of Ajax, and will dive straight into evaluating

the leading Ajax technologies, where they are going, and how to integrate them with Spring. Attendees will emerge with an understanding of which tools to use when, and how they work in a Spring environment.

Spring and Java Server Faces: A Match Made in Heaven? by Jeremy Grelle

This session illustrates how JSF and Spring fit together with Spring Faces, and how to use these technologies together to create rich web applications. Attendees will learn how Web Flow and Spring Faces help to make using JSF a more pleasant experience.

Rich Web Forms by Jeremy Grelle

Nearly every web application must process user input of some kind. Forms are an especially important element for supporting complex user interactions and data entry processes. In this session you will learn to use leading JavaScript frameworks with Spring and Spring Web Flow to develop rich user input forms with minimal effort.

Testing Web Applications by Jim Moore

In this session you'll gain a holistic view of testing web applications and how Spring and other open tools support the testing process. Attendees will learn what they should testing on both the client and server and the best tools available for the job.

Desktop Matters by Jim Moore

While Ajax is bringing web browsers closer to the rich user experience of traditional applications, the desktop has not been standing still. This will show some of the ways that the desktop is continuing to move the user experience forward and how Spring makes working with services equally accessible for whatever view technology is best.

Portlet 2.0 Features in Spring MVC by John Lewis

The Java Portlet 2.0 specification (JSR 286) introduces major new features for Portlet development. This session will detail the changes present in this new specification and will explore planned enhancements to Spring Portlet MVC to allow developers to take full advantage of them.

Portlet Development with Spring by John Lewis

This session will survey the landscape for developing JSR 168 Portlets with Spring. Attendees will learn the options available for Portlet development today, with a strong focus on Spring MVC.

Securing Portlets with Spring Security by John Lewis

In this session, attendees will learn how to secure JSR-168 Portlets using the latest version of Acegi Security, called Spring Security 2.0

"Full Stack" Web Frameworks: How Does Spring Stack Up? by Keith Donald

This session will explore the "full stack" web framework trend and answer the question: how does Spring stack up? This session will first define what a full-stack web framework is, then provide a fair technical comparison between a Spring-centric web development stack and the alternatives. Attendees will learn the feature-set of modern "full stack" web frameworks, and what Spring has that differentiates itself from the pack.

Web Application Data Access Patterns by Keith Donald

This session explores the challenges of accessing a shared data repository from a high-volume web application with many users. Attendees will learn how to ensure data integrity and data access performance while maintaining a satisfactory user experience. In addition, attendees will gain an understanding of key web application data access patterns and how to use frameworks like Spring and Hibernate to apply them.

Best Practices in UI Component Design by Keith Donald

In this session, you will learn to recognize opportunities for extracting high-level, reusable UI components within your web applications, how to capitalize on them, and how to use the technique of component composition to create highly-interactive web applications.

Birds of a Feather: Web Application Design by Keith Donald

Come to this BOF for a lively discussion on web application design with Keith Donald, Graeme Rocher, Jeremy Grelle, and Mark Meeker.

Enterprise Integration Patterns with Spring - Part I by Mark Fisher

In the first-part of this two-part workshop, Mark will focus on the essentials of Enterprise Integration with Spring. First, he will take a whirlwind tour of Spring's enterprise integration support libraries. Next, he will discuss the "big picture" of an event-driven architecture based on messaging with an overview of key enterprise integration patterns. Attendees will leave with a clear understanding of Spring's integration capabilities and an appreciation for the benefits of message-driven architecture, ready to put that into practice in Part II.

Enterprise Integration Patterns with Spring - Part II by Mark Fisher

Building on Part I, Part II of this workshop will demo a series of messaging systems built on Spring. The samples will exercise event-driven scenarios involving distributed architectures with messaging and remoting. Each sample will highlight a variety of important enterprise integration patterns.

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. How is Java used at the firm? Why is Spring a good fit?

Spring .NET - An Update by Mark Pollack

This session will give an update on recent developments in Spring.NET covering messaging, interop, WinForms, .NET 3.0, and AJAX integration. An overview of features not found in Spring Java, such as the Spring Expression language and its integration into the container, will also be presented.

Spring LDAP Essentials by Mattias Arthursson

Spring LDAP is a Java framework for simplifying LDAP operations. In this session, the creators of Spring LDAP will use code examples to introduce the basic features of the framework, and demonstrate how even the smallest LDAP project will benefit from using Spring LDAP.

Advanced Directory Integration using Spring LDAP by Mattias Arthursson

This session will present common real-world LDAP integration problems and how these problems can be solved using Spring LDAP. The advanced features of Spring LDAP will be covered in depth. Attendees will learn how Spring LDAP can be used to solve problems that were previously considered virtually unsolvable in the LDAP world.

Case Study: Orbitz Worldwide's Next Generation Online Travel Platform by Michael Alford

In this session, Michael Alford and Mark Meeker will describe the major business goals that drove the development of Orbitz Worldwide's next generation online travel commerce platform, and how those goals were met with Spring and other technologies.

Task-Focused Programming with Eclipse Mylyn by Mik Kersten

Mylyn's task-focused UI is changing the way that developers work. Current IDEs overload us with the tens of thousands of artifacts that make up an enterprise application, and as a result we spend more time searching, scrolling, and navigating than we do programming. Eclipse Mylyn is the solution to this problem. The talk will start with live demos to show you what Mylyn can do and will conclude with a showcase of popular development tools that integrate with this cutting-edge technology.

Case Study: HSBC "Joins Up" Using Spring by Mike Esler

This session presents a case study detailing HSBC's approach to the adoption of the Spring framework.

Rapid Fire: A Framework for Testing Clustered Applications by Nati Shalom

Designers of distributed systems are forced to deal with many complex issues such as high availability, scalability, performance and latency. We often address these issues with brute force development work, thereby creating a cumbersome and slow development process. Despite the challenge, the need to apply agile development and testing practices in such environments is obvious and we see numerous solutions

and methodologies aimed to fulfill it. One of the more successful ones is the Spring Framework that its layered architecture enables modularity and agility of development.

Scale Out Your Spring Applications in 3 Simple Steps by Nati Shalom

In this session, Nati will present three simple steps to scale out your Spring applications. He will demonstrate how you can take an existing application employing a traditional tier-based architecture and evolve it to a service-based architecture that delivers higher levels of scalability while keeping your core programming model intact.

Rapid Fire: The Coherence Data Grid by Patrick Peralta

In this session we will examine the architecture of a typical Spring application and some of the scalability challenges that may arise, in particular the issue of state and data management.

Data Access and I/O Strategies for Batch Processing by Rob Harrop

Large scale batch processing often requires extreme levels of performance in both file I/O and data access. In this session, Rob presents a number of practical strategies for working with massive batch data sets.

Practical Enterprise Concurrency by Rob Harrop

In this session, Rob presents a practical discussion of the creation of highly concurrent enterprise applications. Attendees will be presented with a wide range of topics for concurrency management.

Birds of a Feather: Extreme Scalability by Rob Harrop

Come to this BOF for a lively discussion that explores what "Extreme Scalability" really means with Rob Harrop, Nati Shalom, Billy Newport, Patrick Peralta, and Wayne Lund.

Benchmarking the Performance of Spring Web Applications by Rossen Stoyanchev

How do you know your web application will perform under load when its deployed into production? Concrete benchmarks that measure where time is spent and how memory and other resources are utilized can go a long way to identifying bottlenecks. In this session attendees will learn use tools to measure web application performance to pave the way for performance optimization.

Working with Hibernate in a Spring 2.5 Environment by Rossen Stoyanchev

This session will teach you the essentials of using Hibernate with the latest version of Spring to develop database-backed applications.

Comparing Open Source Web Service Frameworks by Rossen Stoyanchev

What framework should you go with to develop web services in Java? How do the major frameworks compare in terms of features and development style? This session will provide a fair evaluation of the three major open-source web services frameworks Apache Axis, XFire CXF, and Spring Web Services. A number of factors will be considered to help attendees select the best overall framework for their requirements.

Rapid Fire: The Compass Enterprise Search Engine Framework by Shay Banon

Compass is an open source Java Search Engine framework, allowing the integration of search functionality into any application. One of Compass main modules is a Spring integration module, heavily used among Compass user base.

Transparent Ajax with Spring Web Flow and ICEfaces by Ted Goddard

Ajax applications can generally be developed with traditional techniques, but in order to produce revolutionary applications efficiently, some new ideas must be embraced. This session covers the characteristics of advanced Ajax applications and explainshow to develop and deploy them using Spring Web Flow and ICEfaces.

Persistence Tools for a Spring Environment by Thomas Risberg

Working with databases always results in issues that can be helped by using available tools. In this session, Thomas will look at some useful tools and see how they can be configured to run within a Spring environment.

Dynamic Languages in a Spring Application Architecture by Venkat Subramaniam

Dynamic languages provide some great capabilities for adding dynamic behavior to your Spring applications. In this presentation we will take a look at the various options for mixing dynamic languages with Spring.

Batch Processing Performance Guidelines by Wayne Lund

This advanced presentation will focus on best practices around creating high performance batch architectures with the Spring Batch container.