# Rich Web Applications with Spring

## Overview

Rich Web Applications with Spring is a 4-day training on web application development led by SpringSource experts. This hands-on training teaches you how to apply the latest in Spring to create rich web applications.

Completion of this training entitles each student to receive a free voucher to schedule an exam at a to become a SpringSource Certified Spring Web Application Developer. The Rich Web Applications with Spring training is also the ideal preparation for the certification exam.

## Training Objectives

At the end of the training, you should gain an understanding of Spring and associated technologies for web development and be able to:

- Develop web applications using the Spring Framework
- Use Spring Web Flow to implement stateful interactions
- Secure web applications with Spring Security
- Test web applications for correctness and performance
- Create rich web user interfaces with HTML, CSS, and JavaScript
- Connect a Flex client to a Spring back-end with Spring BlazeDS
- Put it all together with rapid productivity tools like Grails and Spring Roo
- Use the SpringSource Tool Suite and Spring Insight

## Target Audience

This training is designed for developers interested in developing web applications with Spring

## Prerequisites

- Experience with developing applications using Java
- Basic understanding of Spring

## Pricing and Scope

- Four (4) days of instructor-led, classroom training
- 50% lecture and 50% hands-on lab
- Individual enrollment available at convenient locations worldwide: http://www.springsource.com/training/curriculum
- Contact your VMware representative for pricing information
- Onsite training available for companies that want the benefits of instructor-led classes without travel
- Contact VMware Education to discuss facility requirements for onsite training at education@vmware.com

## Training Outline

Spring Web MVC:

- Spring MVC annotation-based programming model
- Page composition with layout technologies such as Tiles
- Rendering multiple content types
- Handling exceptions
- Processing form pages
- Internationalization and personalization

Spring Web Flow:

- Introduction to Spring Web Flow
- Authoring flow definitions
- View states, events and transitions
- Adding flow behavior
- Working with scoped data
- Using the Web Flow integration with JSF

Spring Security:

- Securing a web application with Spring Security

Integration with Client Technologies:

- Modern Web UI
- Progressive enhancement, accessibility, web design
- Working with HTML, CSS and JavaScript
- Using a JavaScript framework (Dojo) for DOM scripting and UI widgets
- Integrating Flex clients with Spring applications

Rapid Application Development:

- Using Grails & Spring Roo

## About VMware Professional Services

VMware Professional Services helps IT departments in companies of all sizes accelerate time to market, reduce deployment risk and maximize ROI as they adopt virtualization. VMware Professional Services and its extensive partner ecosystem comprises experienced IT professionals who provide consulting, technical account management, integration and deployment services, and education services for VMware products and solutions. As the largest services organization focused solely on virtualization, our consultants have in-depth expertise and use proven, repeatable delivery methodologies that have helped thousands of customers energize IT while saving energy—financial, human and the earth's—through virtualization.

## For More Information

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