
Tc Server Developer Edition

Learn Java for Web Development
Virtualizing and Tuning Large-scale Java Platforms
Spring Recipes
Implementing and Developing Cloud Computing Applications
Learning AWS
Pro Spring
Spring Recipes
Spring Data
SpringFramework4
InfoWorld
Spring: Developing Java Applications for the Enterprise
Transactions on Aspect-Oriented Software Development VIII
SpringBoot2
SpringMVC/Roo
Pro Spring Integration
SpringFramework5
Pro Spring 5
AspectJ in Action
Pro SpringSource dm Server
Spring Microservices
Spring MVC: A Tutorial (Second Edition)
Alfresco One 5.x Developer's Guide
Spring Enterprise Recipes
Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government
Pivotal Certified Spring Web Application Developer Exam
Pro Spring MVC: With Web Flow
Spring MVC: Beginner's Guide
Spring Spring Framework Java
OSGi in Depth
The Development of USDA's National Animal Identification Program
Pivotal Certified Professional Core Spring 5 Developer Exam
IBM Informix Developer's Handbook
Linux LPIC2 4
Spring Roo in Action
Pro Spring 3
RabbitMQ Cookbook
Spring MVC Blueprints
Getting Started with Roo

EVA MARQUEZ

Learn Java for Web Development Apress

Discover what it means to be an expert developer by exploring the latest features available to you in Alfresco One 5.x About This Book Create reliable and secure enterprise apps with the latest Alfresco One 5.x platform Explore all the latest Alfresco One 5.x APIs such as the CMIS API, Alfresco One API, and the integrated RESTful API to get more out of your enterprise apps Unleash the power of the latest JavaScript engine and the JavaScript API for Alfresco to customize your existing apps for the Alfresco 5 platform Who This Book Is For If you're an enterprise app developer who wants to create custom applications with Alfresco, then this book is for you. Previous knowledge with Alfresco would be helpful but is not necessary. What You Will Learn Create and manage a custom content model Configure the Alfresco Share user interface Build a new AngularJS 2.0 application Create business process definitions using Activiti Designer Discover the most common extensions provided by Alfresco Configure Alfresco to authenticate against LDAP, including & chaining" LDAP with Alfresco authentication Get familiar with the latest features of Alfresco Mobile SDK, Smart Search, and the new Angular framework In Detail Do you want to create more reliable and secure solutions for enterprise apps? Alfresco One 5.x is your gateway to developing the best industry-standard enterprise apps and this book will help you to become a pro with Alfresco One 5.x development. This book will help you create a complete fully featured app for your organization and while you create that perfect app, you will explore and implement the new and intriguing features of Alfresco. The book starts with an introduction to the Alfresco platform and you'll see how to configure and customize it. You will learn how to work with the content in a content management system and how you can extend it to your own use case. Next, you will find out how to work with Alfresco Share, an all-purpose user interface for general document management, and customize it. Moving on, you write web scripts that create, read, and delete data in the back-end repository. Further on from that, you'll work with a set of tools that Alfresco provides; to generate a basic AngularJS application supporting use cases, to name a few authentication, document list, document view. Finally, you'll learn how to develop your own Alfresco Mobile app and understand how Smart Folders and Search manager work. By the end of the book, you'll know how to configure Alfresco to authenticate against LDAP, be able to set up Single Sign-On (SSO), and work with Alfresco's security services. Style and approach This book takes a step-by-step practical tutorial-style approach helping you create a complete enterprise app using Alfresco.

Virtualizing and Tuning Large-scale Java Platforms Packt Publishing Ltd

Virtualizing and Tuning Large-Scale Java Platforms Technical best practices and real-world tips for optimizing enterprise Java applications on VMware vSphere Enterprises no longer ask, "Can Java be virtualized"? Today, they ask, "Just how large can we scale virtualized Java application platforms, and just how efficiently can we tune them?" Now, the leading expert on Java virtualization answers

these questions, offering detailed technical information you can apply in any production or QA/test environment. Emad Benjamin has spent nine years virtualizing VMware's own enterprise Java applications and working with nearly 300 leading VMware customers on projects of all types and sizes--from 100 JVMs to 10,000+, with heaps from 1GB to 360GB, and including massive big-data applications built on clustered JVMs. Reflecting all this experience, he shows you how to successfully size and tune any Java workload. This reference and performance "cookbook" identifies high-value optimization opportunities that apply to physical environments, virtual environments, or both. You learn how to rationalize and scale existing Java infrastructure, modernize architecture for new applications, and systematically benchmark and improve every aspect of virtualized Java performance. Throughout, Benjamin offers real performance studies, specific advice, and "from-the-trenches" insights into monitoring and troubleshooting. Coverage includes --Performance issues associated with large-scale Java platforms, including consolidation, elasticity, and flexibility -- Technical considerations arising from theoretical and practical limits of Java platforms --Building horizontal in-memory databases with VMware vFabric SQLFire to improve scalability and response times --Tuning large-scale Java using throughput/parallel GC and Concurrent Mark and Sweep (CMS) techniques --Designing and sizing a new virtualized Java environment --Designing and sizing new large-scale Java platforms when migrating from physical to virtualized deployments --Designing and sizing large-scale Java platforms for latency-sensitive in-memory databases --Real-world performance studies: SQLFire vs. RDBMS, Spring-based Java web apps, vFabric SpringTrader, application tiers, data tiers, and more --Performance differences between ESXi3, 4.1, and 5 --Best-practice considerations for each type of workload: architecture, performance, design, sizing, and high availability --Identifying bottlenecks in the load balancer, web server, Java application server, or DB Server tiers --Advanced vSphere Java performance troubleshooting with esxtop --Performance FAQs: answers to specific questions enterprise customers have asked

Spring Recipes Pearson Education

A practical book filled with advanced recipes as well as plenty of code and real-life examples which will make your learning curve quick and easy. If you are a software developer who wants to develop distributed applications based on messaging [BISAC]; then this book is for you. It's assumed that you have some experience with multithreading applications and distributed applications. You are also expected to know the basic concepts of Web and cloud applications in order to follow the recipes effectively.

Implementing and Developing Cloud Computing Applications Apress

Spring Recipes: A Problem-Solution Approach, Third Edition builds upon the best-selling success of the previous editions and focuses on the latest Spring Framework features for building enterprise Java applications. This book provides code recipes for the following, found in the latest Spring: Spring fundamentals: Spring IoC container, Spring AOP/ AspectJ, and more. Spring enterprise: Spring Java EE integration, Spring Integration, Spring Batch, Spring Remoting, messaging, transactions, and working with big data and the cloud using Hadoop and MongoDB. Spring web: Spring MVC, other

dynamic scripting, integration with the popular Grails Framework (and Groovy), REST/web services, and more. This book guides you step-by-step through topics using complete and real-world code examples. When you start a new project, you can consider copying the code and configuration files from this book, and then modifying them for your needs. This can save you a great deal of work over creating a project from scratch!

Learning AWS CRC Press

Master Spring basics and core topics, and share the authors' insights and real-world experiences with remoting, Hibernate, and EJB. Beyond the basics, you'll learn how to leverage the Spring Framework to build the various tiers and parts of an enterprise Java application: transactions, web and presentation tiers, deployment, and much more. A full sample application allows you to apply many of the technologies and techniques covered in *Pro Spring 5* and see how they work together. This book updates the perennial bestseller with the latest that the new Spring Framework 5 has to offer. Now in its fifth edition, this popular title is by far the most comprehensive and definitive treatment of Spring available. It covers the new functional web framework and interoperability with Java 9. After reading this definitive book, you'll be armed with the power of Spring to build complex Spring applications, top to bottom. The agile, lightweight, open-source Spring Framework continues to be the de facto leading enterprise Java application development framework for today's Java programmers and developers. It works with other leading open-source, agile, and lightweight Java technologies such as Hibernate, Groovy, MyBatis, and more. Spring now works with Java EE and JPA 2 as well. What You'll Learn Discover what's new in Spring Framework 5 Use the Spring Framework with Java 9 Master data access and transactions Work with the new functional web framework Create microservices and other web services Who This Book Is For Experienced Java and enterprise Java developers and programmers. Some experience with Spring highly recommended.

Pro Spring Simon and Schuster

This is a tutorial on Spring MVC, a module in the Spring Framework for rapidly developing web applications. The MVC in Spring MVC stands for Model-View-Controller, a design pattern widely used in Graphical User Interface (GUI) development. This pattern is not only common in web development, but is also used in desktop technology like Java Swing. Sometimes called Spring Web MVC, Spring MVC is one of the most popular web frameworks today and a most sought-after skill. This book is for anyone wishing to learn to develop Java-based web applications with Spring MVC. Sample applications come as Spring Tool Suite and Eclipse projects.

Spring Recipes O'Reilly

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Spring Data O'Reilly

The SpringSource dm Server™ is a completely modular, OSGi-based Java server designed to run enterprise Java applications and Spring-powered applications with a new degree of flexibility and reliability. The SpringSource dm Server is based on the SpringSource Dynamic Module Kernel™ (dm Kernel). The dm Kernel provides a module-based backbone for the server, which also harnesses the power of Spring, Apache Tomcat, and OSGi-based technologies. *Pro SpringSource dm Server™* is the first book available for learning how to develop and deploy modular applications to run on the

SpringSource dm Server 2.0 deployment platform. This book covers everything you need, from basic OSGi concepts to developing and deploying OSGi-based applications on the SpringSource dm Server. This book demonstrates how to migrate an existing web application from a standard WAR to a shared libraries WAR, a shared services WAR, and finally a web module. The topics in this book are introduced by complete and real-world examples that you can follow step by step. Instead of abstract descriptions on complex concepts, you will find live examples in this book.

SpringFramework4 IBM Redbooks

The Spring framework is growing. It has always been about choice. Java EE focused on a few technologies, largely to the detriment of alternative, better solutions. When the Spring framework debuted, few would have agreed that Java EE represented the best-in-breed architectures of the day. Spring debuted to great fanfare, because it sought to simplify Java EE. Each release since marks the introduction of new features designed to both simplify and enable solutions. With version 2.0 and later, the Spring framework started targeting multiple platforms. The framework provided services on top of existing platforms, as always, but was decoupled from the underlying platform wherever possible. Java EE is still a major reference point, but it's not the only target. OSGi (a promising technology for modular architectures) has been a big part of the SpringSource strategy here. Additionally, the Spring framework runs on Google App Engine. With the introduction of annotation-centric frameworks and XML schemas, SpringSource has built frameworks that effectively model the domain of a specific problem, in effect creating domain-specific languages (DSLs). Frameworks built on top of the Spring framework have emerged supporting application integration, batch processing, Flex and Flash integration, GWT, OSGi, and much more.

InfoWorld Apress

Spring Framework OSGi Java Java Spring Framework DI/AOP JPA MVC Spring Framework Java Spring Framework Java

Spring: Developing Java Applications for the Enterprise Packt Publishing Ltd

Even though blockchain technology was originally created as a ledger system for bitcoin to operate on, using it for areas other than cryptocurrency has become increasingly popular as of late. The transparency and security provided by blockchain technology is challenging innovation in a variety of businesses and is being applied in fields that include accounting and finance, supply chain management, and education. With the ability to perform such tasks as tracking fraud and securing the distribution of medical records, this technology is key to the advancement of many industries. The Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government is a vital reference source that examines the latest scholarly material on trends, techniques, and uses of blockchain technology applications in a variety of industries, and how this technology can further transparency and security. Highlighting a range of topics such as cryptography, smart contracts, and decentralized blockchain, this multi-volume book is ideally designed for academics, researchers, industry leaders, managers, healthcare professionals, IT consultants, engineers, programmers, practitioners, government officials, policymakers, and students.

Transactions on Aspect-Oriented Software Development VIII Packt Publishing Ltd
 Unleash the power of the latest Spring MVC 4.x to develop a complete application About This Book
 Work through carefully crafted exercises with detailed explanations for each step will help you
 understand the concepts with ease You will gain a clear understanding of the end-to-end
 request/response life cycle, and each logical component's responsibility This book is packed with tips
 and tricks that demonstrate industry best practices on developing a Spring-MVC-based application
 Who This Book Is For The book is for Java developers who want to exploit Spring MVC and its
 features to build web applications. Some familiarity with basic servlet programming concepts would
 be a plus, but is not a prerequisite. What You Will Learn Familiarize yourself with the anatomy of the
 Spring 4.X development environment Understand web application architecture and the Spring MVC
 request flow Integrate bean validation and custom validation Use error handling and exception
 resolving Get to grips with REST-based web service development and Ajax Test your web application
 In Detail Spring MVC helps you build flexible and loosely coupled web applications. The Spring MVC
 Framework is architected and designed in such a way that every piece of logic and functionality is
 highly configurable. Also, Spring can integrate effortlessly with other popular web frameworks such
 as Struts, WebWork, Java Server Faces, and Tapestry. The book progressively teaches you to
 configure the Spring development environment, architecture, controllers, libraries, and more before
 moving on to developing a full web application. It begins with an introduction to the Spring
 development environment and architecture so you're familiar with the know-hows. From here, we
 move on to controllers, views, validations, Spring Tag libraries, and more. Finally, we integrate it all
 together to develop a web application. You'll also get to grips with testing applications for reliability.
 Style and approach This book takes a pragmatic step-by-step approach to web application
 development using Spring MVC, with informative screenshots and concise explanation.

SpringBoot2 IGI Global
 Spring Framework Spring MVC/Roo
SpringMVC/Roo Apress

This volume, the 8th in the Transactions on Aspect-Oriented Software Development series, contains
 two regular submissions and a special section, consisting of five papers, on the industrial
 applications of aspect technology. The regular papers describe a framework for constructing aspect
 weavers, and patterns for reusable aspects. The special section begins with an invited contribution
 on how AspectJ is making its way from an exciting new hype topic to a valuable technology in
 enterprise computing. The remaining four papers each cover different industrial applications of
 aspect technology, which include a telecommunication platform, a framework for embedding user
 assistance in independently developed applications, a platform for digital publishing, and a
 framework for program code analysis and manipulation.

Pro Spring Integration Springer Science & Business Media
 Prepare for the Pivotal Certified Spring Web Application Developer exam and learn about Spring MVC
 DispatcherServlet configuration, Spring MVC programming model essentials, Spring MVC views and
 form processing, Spring Web Flow essentials, and Spring Web Flow actions and configuration. The
 Pivotal Certified Spring Web Application Developer Exam: A Study Guide is the ideal preparation for
 the exam and after reading and using it, you'll be able to pass and become a certified Spring Web

Developer. When you become a Pivotal Certified Spring Web Application Developer, you'll receive
 one of the most valuable credentials available in enterprise Java. Achieving this certification
 demonstrates your ability to apply Spring's web projects to develop real-world Java web applications
 and validates your familiarity with Spring Web.

SpringFramework5 Packt Publishing Ltd
 Pass the Pivotal Certified Professional exam for Core Spring, based on the latest Spring Framework
 5, using source code examples, study summaries, and mock exams. This book now includes
 WebFlux, reactive programming, and more found in Spring 5. You'll find a descriptive overview of
 certification-related Spring modules and a single example application demonstrating the use of all
 required Spring modules. Furthermore, in Pivotal Certified Professional Core Spring 5 Developer
 Exam, Second Edition, each chapter contains a brief study summary and question set, and the
 book's free downloadable source code package includes one mock exam (50 questions – like a real
 exam). After using this study guide, you will be ready to take and pass the Pivotal Certified
 Professional exam. When you become Pivotal Certified, you will have one of the most valuable
 credentials in Java. Pivotal certification helps you advance your skills and your career, and get the
 maximum benefit from Spring. Passing the exam demonstrates your understanding of Spring and
 validates your familiarity with: container-basics, aspect oriented programming (AOP), data access
 and transactions, Spring Security, Spring Boot, microservices, and Spring model-view-controller
 (MVC). Good luck! What You Will Learn Understand the core principles of Spring Framework 5Use
 dependency injectionWork with aspects in Spring and do AOP (aspect oriented programming)Control
 transactional behavior and work with SQL and NoSQL databasesCreate and secure web applications
 based on Spring MVCGet to know the format of the exam and the type of questions in itCreate
 Spring microservices applications Who This Book Is For Spring developers who have taken the
 Pivotal Core Spring class are eligible to take the Pivotal Certified Professional exam.

Pro Spring 5 Apress
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 LPIC2012101(3.5)
 Linux *
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AspectJ in Action Apress
 Spring Tool Suite(STS)Spring DI(Spring=DI)Spring AOP
 Resources & Properties(Spring)Spring Data(JDBCJPA)Spring Boot!

Pro SpringSource dm Server
 Summary Spring Roo in Action is a unique book that teaches you how to code Java in Roo, with a
 particular focus on Spring-based applications. Through hands-on examples, you'll learn how Roo
 creates well-formed application structures and supports best practices and tools. Plus, you'll get a
 quick-and-dirty guide to setting up Roo effectively in your environment. About the Technology Roo is
 a lightweight Java console shell that simplifies compile-time tasks. It improves productivity by

enforcing correct coding practices and patterns and integrates with mainstream Java technologies, including ActiveMQ, GWT, JPA, and OSGi. And, when you finish coding, it gets out of the way so there's no runtime impact. About the Book Spring Roo in Action teaches you to code Java more efficiently using Roo. With the help of many examples, it shows you how to build application components from the database layer to the user interface. The book takes a test-first approach and points out how Roo can help automate many of the mundane details of coding Java apps. Along the way, you'll address important topics like security, messaging, and cloud computing. This book is for Java developers who want to get more productive by using Roo. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Learn Roo from the ground up Integrate with existing projects Create custom add-ons Use Roo with Spring =====
 ===== Table of Contents PART 1 STARTING SPRING APPS RAPIDLY WITH ROO What is Spring Roo? Getting started with Roo PART 2 DATABASES AND ENTITIES Database persistence with entities Relationships, JPA, and advanced persistence PART 3 WEB DEVELOPMENT Rapid web applications with Roo Advanced web applications RIA and other web frameworks Configuring security PART 4 INTEGRATION Testing your application Enterprise services—email and messaging Roo add-ons Advanced add-ons and deployment PART 5 ROO IN THE CLOUD Cloud computing Workflow applications using Spring Integration
Spring Microservices Apress
 Build scalable microservices with Spring, Docker, and Mesos About This Book Learn how to efficiently build and implement microservices in Spring, and how to use Docker and Mesos to push the boundaries of what you thought possible Examine a number of real-world use cases and hands-on

code examples. Distribute your microservices in a completely new way Who This Book Is For If you are a Spring developers and want to build cloud-ready, internet-scale applications to meet modern business demands, then this book is for you Developers will understand how to build simple Restful services and organically grow them to truly enterprise grade microservices ecosystems. What You Will Learn Get to know the microservices development lifecycle process See how to implement microservices governance Familiarize yourself with the microservices architecture and its benefits Use Spring Boot to develop microservices Find out how to avoid common pitfalls when developing microservices Be introduced to end-to-end microservices written in Spring Framework and Spring Boot In Detail The Spring Framework is an application framework and inversion of the control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions to build web applications on top of the Java EE platform. This book will help you implement the microservice architecture in Spring Framework, Spring Boot, and Spring Cloud. Written to the latest specifications of Spring, you'll be able to build modern, Internet-scale Java applications in no time. We would start off with the guidelines to implement responsive microservices at scale. We will then deep dive into Spring Boot, Spring Cloud, Docker, Mesos, and Marathon. Next you will understand how Spring Boot is used to deploy autonomous services, serverless by removing the need to have a heavy-weight application server. Later you will learn how to go further by deploying your microservices to Docker and manage it with Mesos. By the end of the book, you'll will gain more clarity on how to implement microservices using Spring Framework and use them in Internet-scale deployments through real-world examples. Style and approach The book follows a step by step approach on how to develop microservices using Spring Framework, Spring Boot, and a set of Spring Cloud components that will help you scale your applications.

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