
Getting Started With Spring Framework A Hands On To Begin Developing Applications Using Spring Framework

Getting started with Spring Framework: a hands-on guide to begin developing [Read'Ebook] Spring Framework Tutorial | Full Course Spring Framework: A Tutorial for Beginners | in28minutes | Ranga Karanam online Getting started with Spring Framework: a hands-on guide to b 'best 'E-book free [download][PDF] Getting started with Spring Framework: a hands-on guide to b 'best 'E-book What is Spring-Boot Framework? (explained from scratch) United Chiefs Reach 'Sack Decision'! | Man United News Spring Boot, Spring Security, JWT Course - Shopping Cart Backend Java Project What is the Spring framework really all about? Spring Boot \u0026 Spring Data JPA - Complete Course Java Full Course for free 🍷 Complete Java, Spring, and Microservices course Spring Framework Tutorial For Beginners - 2021 | How to Create a Spring Application from Scratch? Get EXACTLY what you want from your APIs: How to use GraphQL with Spring Boot The Spring-Boot Crash-Course (30 mins preview) Spring Full Course - Learn Spring Framework in 4 Hours | Spring Framework Tutorial | Edureka Getting Started with Spring Development Getting Started with Spring Framework Introduction [online] Getting started with Spring Framework: a hands-on guide to b 'best 'E-book free The ULTIMATE Guide to Spring Boot: Spring Boot for Beginners Getting Started with Spring Boot Getting started with Spring Framework: a hands-on guide to begin developing [Read-EBook] [PDF][download] Getting started with Spring Framework: a hands-on guide to b 'best 'E-book Getting Started With Spring Boot Spring JavaConfig - getting started Getting Started with Spring State Machine

Simplify the development of lightning fast applications based on microservices and reactive programming

Spring Start Here

Get Your Hands Dirty on Clean Architecture

An In-Depth Guide to the Spring Framework and Its Tools

Designing, Building, and Deploying Messaging Solutions

Getting started with Spring Framework: covers Spring 5 (4th Edition)

Spring Data

Beginning Spring Framework 2

Getting Started with Spring Framework

Beginning Spring 5

Spring in Action, Sixth Edition

A Hands-On Guide to Begin Developing Applications Using Spring Framework
Beginning Spring
Spring Microservices in Action
Getting Started with Spring Framework
Beginning Spring Boot 2

*Getting Started With
Spring Framework A
Hands On To Begin
Developing Applications
Using Spring
Framework*

OMB No.
5154967330087 edited
by

KAYLYN BRYAN

**SIMPLIFY THE DEVELOPMENT OF
LIGHTNING FAST APPLICATIONS
BASED ON MICROSERVICES AND
REACTIVE PROGRAMMING**

Apress

What separates the traditional enterprise from the likes of Amazon, Netflix, and Etsy? Those companies have refined the art of cloud native development to maintain their competitive edge and stay well ahead of the competition. This practical guide shows Java/JVM developers how to build better software, faster, using Spring Boot, Spring Cloud, and Cloud Foundry. Many organizations have already waded into cloud computing, test-driven development, microservices, and continuous integration and delivery. Authors Josh Long and Kenny Bastani fully immerse you in the tools and methodologies that will help you transform your legacy application into one that is genuinely cloud native. In four sections, this book takes you through: The Basics: learn the motivations behind cloud native thinking; configure and test a Spring Boot application; and move your legacy application to the cloud Web Services: build HTTP and RESTful services with Spring; route requests in your distributed system; and build edge services closer

to the data Data Integration: manage your data with Spring Data, and integrate distributed services with Spring's support for event-driven, messaging-centric architectures Production: make your system observable; use service brokers to connect stateful services; and understand the big ideas behind continuous delivery
[Spring Start Here](#) John Wiley & Sons
Quickly and productively develop complex Spring applications and microservices - out of the box - with minimal fuss on things like configurations. This book will show you how to fully leverage the Spring Boot productivity suite of tools and how to apply them through the use of case studies. Pro Spring Boot is your authoritative hands-on practical guide for increasing your Spring Framework-based enterprise Java and cloud application productivity while decreasing development time using the Spring Boot productivity suite of tools. It's a no nonsense guide with case studies of increasing complexity throughout the book. This book is written by Felipe Gutierrez, a Spring expert consultant who works with Pivotal, the company behind the popular Spring Framework.
What You Will Learn Write your first Spring Boot application Configure Spring Boot Use the Spring Boot Actuator Carry out web development with Spring Boot Build microservices with Spring Boot Handle databases and messaging with Spring Boot Test and deploy with Spring Boot Extend Spring Boot and its

available plug-ins Who This Book Is For Experienced Spring and Java developers seeking increased productivity gains and decreased complexity and development time in their applications and software services.

Get Your Hands Dirty on Clean

Architecture "O'Reilly Media, Inc."

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.

An In-Depth Guide to the Spring Framework and Its Tools Createspace Independent Pub

Learn to develop, test, and deploy your Spring Boot distributed application and explore various best practices. Key Features Build and deploy your microservices architecture in the cloud Build event-driven resilient systems using Hystrix and Turbine Explore API management tools such as KONG and API documentation tools such as Swagger Book Description Spring is one of the best frameworks on the market for developing web, enterprise, and cloud ready software. Spring Boot simplifies the building of complex software dramatically by reducing the amount of boilerplate code, and by providing production-ready features and a simple deployment model. This book will address the challenges related to power that come with Spring Boot's great configurability and flexibility. You will understand how Spring Boot configuration works under the hood, how to overwrite default configurations, and how to use advanced techniques to

prepare Spring Boot applications to work in production. This book will also introduce readers to a relatively new topic in the Spring ecosystem – cloud native patterns, reactive programming, and applications. Get up to speed with microservices with Spring Boot and Spring Cloud. Each chapter aims to solve a specific problem or teach you a useful skillset. By the end of this book, you will be proficient in building and deploying your Spring Boot application. What you will learn

- Build logically structured and highly maintainable Spring Boot applications
- Configure RESTful microservices using Spring Boot
- Make the application production and operation-friendly with Spring Actuator
- Build modern, high-performance distributed applications using cloud patterns
- Manage and deploy your Spring Boot application to the cloud (AWS)
- Monitor distributed applications using log aggregation and ELK

Who this book is for
The book is targeted at experienced Spring and Java developers who have a basic knowledge of working with Spring Boot. The reader should be familiar with Spring Boot basics, and aware of its benefits over traditional Spring Framework-based applications.

Designing, Building, and Deploying Messaging Solutions

Getting Started with Spring Framework
A Hands-On Guide to Begin Developing Applications Using Spring Framework
Learn Spring Boot and how to build Java-based enterprise, web, and microservice applications with it. In this book, you'll see how to work with relational and NoSQL databases, build your first microservice, enterprise, or web application, and enhance that application with REST APIs. You'll also learn how to build reactive web applications using Spring Boot along with

Spring Web Reactive. Then you'll secure your Spring Boot-created application or service before testing and deploying it. After reading and learning with *Beginning Spring Boot 2*, you'll have the skills and techniques to start building your first Spring Boot applications and microservices with confidence to take the next steps in your career journey.

What You'll Learn

- Use Spring Boot autoconfiguration
- Work with relational and NoSQL databases
- Build web applications with Spring Boot
- Apply REST APIs using Spring Boot
- Create reactive web applications using Spring Web Reactive
- Secure your Spring Boot applications or web services
- Test and deploy your Spring Boot applications

Who This Book Is For
Experienced Java and Spring Framework developers who are new to the new Spring Boot micro-framework.

[Getting started with Spring Framework: covers Spring 5 \(4th Edition\)](#) Packt Publishing Ltd

Getting started with Spring Framework, Second Edition includes new chapters on Spring Web MVC, RESTful Web Services and Spring Security. This book is meant for Java developers with little or no knowledge of Spring Framework. All the examples shown in this book use Spring 4. You can download the examples (consisting of 60 sample projects) described in this book from the following Google Code project:
<https://code.google.com/p/getting-started-with-spring-framework-2edition/>

- Chapter 1 – Introduction to Spring Framework
- Chapter 2 – Spring Framework basics
- Chapter 3 – Configuring beans
- Chapter 4 – Dependency injection
- Chapter 5 – Customizing beans and bean definitions
- Chapter 6 – Annotation-driven

development with SpringChapter 7 - Database interaction using SpringChapter 8 - Messaging, emailing, asynchronous method execution, and caching using SpringChapter 9 - Aspect-oriented programmingChapter 10 - Spring Web MVC basicsChapter 11 - Validation and data binding in Spring Web MVCChapter 12 - Developing RESTful web services using Spring Web MVCChapter 13 - More Spring Web MVC - internationalization, file upload and asynchronous request processingChapter 14 - Securing applications using Spring SecurityThis book covers:- Specifying configuration metadata using XML and annotations- Programmatically configuring Spring container and beans- Configuring different types of bean properties- Bean lifecycle interfaces- Customizing beans using BeanPostProcessors and BeanFactoryPostProcessors- Bean definition inheritance - JSR 250's and 330's annotations for dependency injection- Validation using JSR 303 (Bean Validation API) annotations and Spring's Validator interface - SpEL (Spring Expression Language) - Caching using Spring's cache abstraction- Sending and receiving JMS messages using Spring- Aspect-oriented programming support in Spring- Sending emails using Spring- Asynchronously executing methods using Spring- Task scheduling - Database interaction using JDBC and Hibernate- Programmatic and declarative transaction management- Developing web applications using Spring Web MVC- Data binding and validation in Spring Web MVC- Type conversion and formatting support in Spring- Spring's form tag library- Internationalization and file upload support- Asynchronous request processing- Developing RESTful Web Services using Spring Web MVC-

Implementing web request security using Spring Security- Implementing method-level security using Spring Security- Implementing ACL-based security using Spring Security's ACL moduleThe book shows a simple internet banking application that is developed incrementally in each chapter of the book and covers the topics mentioned above. You can post your feedback and questions to the authors in the following Google Groups

forum:groups.google.com/forum/#!forum/getting-started-with-spring-framework

Spring Data John Wiley & Sons

An end-to-end software development guide for the Java eco-system using the most advanced frameworks: Spring and Spring Boot. Learn the complete workflow by building projects and solving problems. About This Book Learn reactive programming by implementing a reactive application with Spring WebFlux Create a robust and scalable messaging application with Spring messaging support Get up-to-date with the defining characteristics of Spring Boot 2.0 in Spring Framework 5 Learn about developer tools, AMQP messaging, WebSockets, security, MongoDB data access, REST, and more This collection of effective recipes serves as guidelines for Spring Boot application development Who This Book Is For Java developers wanting to build production-grade applications using the newest popular Spring tools for a rich end-to-end application development experience. What You Will Learn Get to know the Spring Boot and understand how it makes creating robust applications extremely simple Understand how Spring Data helps us add persistence in MongoDB and SQL databases Implement a websocket to add interactive behaviors in your applications Create powerful,

production-grade applications and services with minimal fuss Use custom metrics to track the number of messages published and consumed Build anything from lightweight unit tests to fully running embedded web container integration tests Learn effective testing techniques by integrating Cucumber and Spock Use Hashicorp Consul and Netflix Eureka for dynamic Service Discovery In Detail Spring Framework has become the most popular framework for Java development. It not only simplifies software development but also improves developer productivity. This book covers effective ways to develop robust applications in Java using Spring. The course is up made of three modules, each one having a take-away relating to building end-to-end java applications. The first module takes the approach of learning Spring frameworks by building applications. You will learn to build APIs and integrate them with popular fraemworks suh as AngularJS, Spring WebFlux, and Spring Data. You will also learn to build microservices using Spring's support for Kotlin. You will learn about the Reactive paradigm in the Spring architecture using Project Reactor. In the second module, after getting hands-on with Spring, you will learn about the most popular tool in the Spring ecosystem-Spring Boot. You will learn to build applications with Spring Boot, bundle them, and deploy them on the cloud. After learning to build applications with Spring Boot, you will be able to use various tests that are an important part of application development. We also cover the important developer tools such as AMQP messaging, websockets, security, and more. This will give you a good functional understanding of scalable development in the Spring ecosystem

with Spring Boot. In the third and final module, you will tackle the most important challenges in Java application development with Spring Boot using practical recipes. Including recipes for testing, deployment, monitoring, and securing your applications. This module will also address the functional and technical requirements for building enterprise applications. By the end of the course you will be comfortable with using Spring and Spring Boot to develop Java applications and will have mastered the intricacies of production-grade applications. Style and approach A simple step-by-step guide with practical examples to help you develop and deploy Spring and Spring Boot applications in the real-world.

[Beginning Spring Framework 2](#) Simon and Schuster

With over 75 million downloads per month, Spring Boot is the most widely used Java framework available. Its ease and power have revolutionized application development from monoliths to microservices. Yet Spring Boot's simplicity can also be confounding. How do developers learn enough to be productive immediately? This practical book shows you how to use this framework to write successful mission-critical applications. Mark Heckler from VMware, the company behind Spring, guides you through Spring Boot's architecture and approach, covering topics such as debugging, testing, and deployment. If you want to develop cloud native Java or Kotlin applications with Spring Boot rapidly and effectively--using reactive programming, building APIs, and creating database access of all kinds--this book is for you. Learn how Spring Boot simplifies cloud native application development and deployment Build reactive applications

and extend communication across the network boundary to create distributed systems Understand how Spring Boot's architecture and approach increase developer productivity and application portability Deploy Spring Boot applications for production workloads rapidly and reliably Monitor application and system health for optimal performance and reliability Debug, test, and secure cloud-based applications painlessly

John Wiley & Sons

Use Spring Boot to build lightning-fast apps About This Book Get up to date with the defining characteristics of Spring Boot 2.0 in Spring Framework 5 Learn to perform Reactive programming with SpringBoot Learn about developer tools, AMQP messaging, WebSockets, security, MongoDB data access, REST, and more Who This Book Is For This book is designed for both novices and experienced Spring developers. It will teach you how to override Spring Boot's opinions and frees you from the need to define complicated configurations. What You Will Learn Create powerful, production-grade applications and services with minimal fuss Support multiple environments with one artifact, and add production-grade support with features Find out how to tweak your apps through different properties Use custom metrics to track the number of messages published and consumed Enhance the security model of your apps Make use of reactive programming in Spring Boot Build anything from lightweight unit tests to fully running embedded web container integration tests In Detail Spring Boot provides a variety of features that address today's business needs along with today's scalable requirements. In this book, you

will learn how to leverage powerful databases and Spring Boot's state-of-the-art WebFlux framework. This practical guide will help you get up and running with all the latest features of Spring Boot, especially the new Reactor-based toolkit. The book starts off by helping you build a simple app, then shows you how to bundle and deploy it to the cloud. From here, we take you through reactive programming, showing you how to interact with controllers and templates and handle data access. Once you're done, you can start writing unit tests, slice tests, embedded container tests, and even autoconfiguration tests. We go into detail about developer tools, AMQP messaging, WebSockets, security, and deployment. You will learn how to secure your application using both routes and method-based rules. By the end of the book, you'll have built a social media platform from which to apply the lessons you have learned to any problem. If you want a good understanding of building scalable applications using the core functionality of Spring Boot, this is the book for you. Style and approach This book takes a tutorial-based approach to teach you all you need to know to get up and running with the latest version of Spring Boot. Filled with examples, you will gain hands-on experience of every area that Spring tackles.

GETTING STARTED WITH SPRING FRAMEWORK

Packt Publishing Ltd

Would you like to use a consistent visual notation for drawing integration solutions? "Look inside the front cover." Do you want to harness the power of asynchronous systems without getting caught in the pitfalls? "See "Thinking Asynchronously" in the Introduction." Do

you want to know which style of application integration is best for your purposes? "See Chapter 2, Integration Styles." Do you want to learn techniques for processing messages concurrently? "See Chapter 10, Competing Consumers and Message Dispatcher." Do you want to learn how you can track asynchronous messages as they flow across distributed systems? "See Chapter 11, Message History and Message Store." Do you want to understand how a system designed using integration patterns can be implemented using Java Web services, .NET message queuing, and a TIBCO-based publish-subscribe architecture? "See Chapter 9, Interlude: Composed Messaging." Utilizing years of practical experience, seasoned experts Gregor Hohpe and Bobby Woolf show how asynchronous messaging has proven to be the best strategy for enterprise integration success. However, building and deploying messaging solutions presents a number of problems for developers. "Enterprise Integration Patterns" provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail

the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book. 0321200683B09122003

BEGINNING SPRING 5

Simon and Schuster

Get started with Spring Framework 5 and its ecosystem, with a guide to the working practices in modern development. This book will teach you how to use the Spring Framework to build Java-based applications, web applications, and microservices. You'll see how Spring has drastically and positively affected the way we program and design applications in Java. Beginning Spring 5 discusses how you can build apps with the Spring mindset and what the benefits of that mindset are. Along the way you will learn many aspects of the Spring ecosystem with easy-to-understand applications designed to teach you not only the technology, but also the practices that benefit the most from Spring. What You Will Learn Discover the most common use cases encountered in the real world Create reliable, tested, modular software, building skills that will translate well across all languages and environments. Integrate and use data access and persistence frameworks such as Hibernate, JPA, and MongoDB Program functional or reactive Java with the latest Spring 5 features including WebFlux Who This Book Is For Those

who are new to Spring or for those who have experience with Spring but want to learn what's new in Spring 5. This book assumes you have some prior coding experience in Java at least.

Spring in Action, Sixth Edition Apress Chapter 1 of this book is now available online: bit.ly/2z8ErGg 4th Edition reflects changes to Spring 5, and includes new chapters on Functional and Reactive application development. Reactive application development chapters cover Reactive Streams specification, RxJava 2, Reactor, Spring WebFlux, and reactive support in Spring Data and Spring Security. The examples (consisting of 88 sample projects) that accompany this book are based on Spring 5.0.1 and Java 9. You can download the examples described in this book from the following GitHub project: github.com/getting-started-with-spring/4thEdition This book covers:

- Spring Framework basics
- Aspect-oriented programming
- Database interaction using Spring and Hibernate/JPA
- Spring Data JPA
- Spring Data MongoDB
- Messaging, emailing and caching support
- Spring Web MVC
- Developing RESTful web services using Spring Web MVC
- Functional programming using lambdas and method references
- Stream API
- Reactive programming using RxJava 2 and Reactor
- Spring WebFlux
- Reactive support in Spring Data MongoDB and Spring Security
- Developing reactive RESTful web services using Spring WebFlux, Spring Security and Spring Data MongoDB

Apress

Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design

effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

A Hands-On Guide to Begin Developing Applications Using Spring Framework
Brainy Software Inc

Get up to speed quickly with this comprehensive guide to Spring Beginning Spring is the complete beginner's guide to Java's most popular framework. Written with an eye toward real-world enterprises, the book covers all aspects of application development within the Spring Framework. Extensive samples within each chapter allow developers to get up to speed quickly by providing concrete references for experimentation, building a skillset that drives successful application development by exploiting the full capabilities of Java's latest

advances. Spring provides the exact toolset required to build an enterprise application, and has become the standard within the field. This book covers Spring 4.0, which contains support for Java 8 and Java EE 7. Readers begin with the basics of the framework, then go on to master the most commonly used tools and fundamental concepts inherent in any Spring project. The book emphasizes practicality and real-world application by addressing needs such as meeting customer demand and boosting productivity, and by providing actionable information that helps developers get the most out of the framework. Topics include: Dependency Injection and Inversion of Control Unit testing Spring enabled Web Applications Data Access using Spring JDBC and ORM support along with Transaction Management Building Web Applications and RESTful Web Services with Spring MVC Securing Web Applications using Spring Security Spring Expression Language with its Extensive Features Aspect Oriented Programming Facilities Provided by Spring AOP Caching with 3rd Party Cache Providers' Support The Best of the Breed: Spring 4.0 The information is organized and structured an ideal way for students and corporate training programs, and explanations about inner workings of the framework make it a handy desk reference even for experienced developers. For novices, *Beginning Spring* is invaluable as a comprehensive guide to the real-world functionality of Spring.

Beginning Spring Createspace Independent Publishing Platform 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.

SPRING MICROSERVICES IN ACTION

Apress

You can choose several data access frameworks when building Java enterprise applications that work with

relational databases. But what about big data? This hands-on introduction shows you how Spring Data makes it relatively easy to build applications across a wide range of new data access technologies such as NoSQL and Hadoop. Through several sample projects, you'll learn how Spring Data provides a consistent programming model that retains NoSQL-specific features and capabilities, and helps you develop Hadoop applications across a wide range of use-cases such as data analysis, event stream processing, and workflow. You'll also discover the features Spring Data adds to Spring's existing JPA and JDBC support for writing RDBMS-based data access layers. Learn about Spring's template helper classes to simplify the use of database-specific functionality Explore Spring Data's repository abstraction and advanced query functionality Use Spring Data with Redis (key/value store), HBase (column-family), MongoDB (document database), and Neo4j (graph database) Discover the GemFire distributed data grid solution Export Spring Data JPA-managed entities to the Web as RESTful web services Simplify the development of HBase applications, using a lightweight object-mapping framework Build example big-data pipelines with Spring Batch and Spring Integration

Getting Started with Spring Framework
Simon and Schuster

Getting started with Spring Framework (4th Edition) is a hands-on guide to begin developing applications using Spring Framework 5. The examples (consisting of 88 sample projects) that accompany this book are based on Spring 5.0.1 and Java 9. You can download the examples described in this book from the following GitHub project: github.com/getting-started-with-spring/4thEdition This book covers: -

Spring Framework basics - Aspect-oriented programming - Database interaction using Spring and Hibernate/JPA - Spring Data JPA - Spring Data MongoDB - Messaging, emailing and caching support - Spring Web MVC - Developing RESTful web services using Spring Web MVC - Functional programming using lambdas and method references - Stream API - Reactive programming using RxJava 2 and Reactor - Spring WebFlux - Reactive support in Spring Data MongoDB and Spring Security - Developing reactive RESTful web services using Spring WebFlux, Spring Security and Spring Data MongoDB

Beginning Spring Boot 2 Packt Publishing Ltd

Summary Portlets in Action is a comprehensive, hands-on guide to building portlet-driven applications in Java. Covers Portlet 2.0, Spring 3.0 Portlet MVC, WSRP 2.0, Portlet Bridges, Ajax, Comet, Liferay, GateIn, Spring JDBC, and Hibernate. About the Technology Portlets are the small Java applications that run within a portal. Good portlets work independently and also communicate fluently with the portal, other portlets, as well as outside servers and information sources. Using Java's Portlet 2.0 API and portal servers like Liferay, you can build flexible, stable business portals without the design overhead required by other application styles. About the Book Portlets in Action is a comprehensive guide to building portlet-driven applications in Java. It teaches portlet development hands-on as you develop a portal that incorporates most key features of the Portlet 2.0 API. And because portals and portlets are so flexible, the accompanying source code can be easily adapted and reused. Along the way, you'll learn how to work with

key web frameworks like Spring 3.0 Portlet MVC and DWR. Written for Java developers. No prior experience with portlets required 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 Complete coverage of the Portlet 2.0 API Spring 3.0 Portlet MVC and the Liferay portal server Portal design best practices Reusable source code

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 ===== Table of Contents PART 1 GETTING STARTED WITH PORTLET DEVELOPMENT Introducing portals and portlets The portlet lifecycle Portlet 2.0 API - portlet objects and container-runtime options Portlet 2.0 API - caching, security, and localization Building your own portal Using the portlet tag library PART 2 DEVELOPING PORTLETS USING SPRING AND HIBERNATE Getting started with Spring Portlet MVC Annotation-driven development with Spring Integrating portlets with databases PART 3 ADVANCED PORTLET DEVELOPMENT Personalizing portlets Communicating with other portlets Ajaxng portlets Reusable logic with portlet filters Portlet bridges Web Services for Remote Portlets (WSRP)

Spring Boot: Up and Running

"O'Reilly Media, Inc."

Getting started with Spring Framework is a hands-on guide to begin developing applications using Spring Framework. This book is meant for Java developers with little or no knowledge of Spring Framework. All the examples shown in this book use Spring 3.2. You can download the examples (consisting of 40 sample projects) described in this book from the following Google Code project: code.google.com/p/getting-started-with-spring-framework/ Chapter 1 - Spring

Framework basics Chapter 2 - Configuring beans Chapter 3 - Dependency injection Chapter 4 - Customizing beans and bean definitions Chapter 5 - Annotation-driven development with Spring Chapter 6 - Database interaction using Spring Chapter 7 - Messaging, emailing, asynchronous method execution, and caching using Spring Chapter 8 - Aspect-oriented programming This book covers:

- Specifying configuration metadata using XML and annotations - Programmatically configuring Spring container and beans - Configuring different types of bean properties - Bean lifecycle interfaces - Customizing beans using BeanPostProcessors and BeanFactoryPostProcessors - Bean definition inheritance - JSR 250's and 330's annotations for dependency injection - Validation using JSR 303 (Bean Validation API) annotations and Spring's Validator interface - SpEL (Spring Expression Language) - Caching using Spring's cache abstraction - Sending and receiving JMS messages using Spring - Aspect-oriented programming support in Spring - Sending emails using Spring - Asynchronously executing methods using Spring - Task scheduling - Database interaction using JDBC and Hibernate - Programmatic and declarative transaction management

The book shows a simple internet banking application that is developed incrementally in each chapter of the book and covers the topics mentioned above. You can post your feedback and questions to the authors in the following Google Groups forum: groups.google.com/forum/#!forum/getting-started-with-spring-framework Cloud Native Java Packt Publishing Ltd Beginning Spring Framework 2 shows beginning Java developers how to build

serverside Java applications using the latest 2.0 release of the Spring Framework. The book does not assume any previous knowledge of J2EE--in fact, the authors argue that beginners learn more quickly by starting directly with Spring. · Jump Start Spring 2 · Designing Spring Applications · Spring Persistence Using JPA · Using Spring MVC To Build

Web Pages · Advanced Spring MVC · Spring Web Flow · Ajax And Spring Direct Web Remoting Integration · Spring And JMS - Message-Driven Pojos · Spring Web Services And Remoting · Web Service Consumer And Interoperation With NET · Rapid Spring Development With Spring IDE · Spring AOP And Aspectj · More AOP Transactions

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