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

Hands-on Application Development using Spring BootDesigning Applications with Spring Boot 2.2 and React JSBuilding Applications with Spring 5 and KotlinSpring Boot and Single-Page ApplicationsMastering Spring Boot 2.0Introducing Spring Framework 6Developing Java Applications with Spring and Spring BootBuilding Applications with Spring 5 and Vue.js 2Designing Applications with Spring Boot 2.2 and React JSSpring Boot and Single-Page ApplicationsSpring: Microservices with Spring BootBeginning Spring Boot 2Spring Boot in PracticeSpring 5.0 ProjectsPro Spring MVC with WebFluxGetting Started with Spring FrameworkSpring MVC: Designing Real-World Web ApplicationsBeginning Spring Boot 3Getting Started with Spring FrameworkPro Spring Security Shagun Bakliwal Rajput Dinesh Miloš Vasić Jens Boje Dinesh Rajput Felipe Gutierrez Claudio Eduardo de Oliveira James J. Ye Dinesh Rajput Jens Boje Ranga Rao Karanam K. Siva Prasad Reddy Somnath Musib Nilang Patel Marten Deinum J Sharma Shameer Kunjumohamed K. Siva Prasad Reddy Ashish Sarin Carlo Scarioni

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a pragmatic guide for java developers to help build microservices and cloud apps using spring boot key features develops microservices from start to finish using the spring boot framework creates cloud native applications using spring boot s production ready features covers the api gateway unit testing cloud deployments and managing high traffic applications

description spring is an excellent framework for developing both web and cloud native applications this book on application development using spring boot simplifies the process of writing boilerplate code for complex software it allows developers to concentrate on the application s concept rather than on the internal java configuration this book will guide you on how to make the best use of the strength that spring boot provides you ll gain an understanding of how spring boot configuration works in conjunction with application development including auto configuration and overriding default configurations you will learn to develop scalable dependable microservices to accelerate the development lifecycle of a cloud based application each chapter will walk you through the features of spring boot as a software development framework such as performing create read update and delete crud operations on a database and securing web services with appropriate logging by the end of this book you will develop test and deploy applications ready for production and how to establish them as cloud based applications the readers will also gain the expertise of writing unit and integration test cases what you will learn get to know spring boot and all its capabilities build start to end production ready applications explore the api gateway and practice how to run request routing learn api doc tools like swagger and host your apps on cloud practice how to balance the application s load when the system is under high traffic learn to write unit tests and integration tests for bug free coding who this book is for this book is for java developers who want to quickly develop test and deploy production ready applications this book will also appeal to cloud native application developers and cloud engineers no prior spring boot knowledge is required as the basics are covered in the book table of contents 1 getting started with spring boot 2 developing your first spring boot application 3 spring boot starter dependencies and auto configuration 4 spring boot annotations 5 working with spring data jpa and caching 6 building restful microservices 7 securing a application 8 building resilient system 9 logging 10 working with the swagger api management tool 11 testing a spring boot application 12 deploying a spring boot application

let us full stack development with spring boot and react js key features this book has a very specific goal to make developing rest applications easier and focusing on common challenges of the design of the application with best practices this book is providing practical code examples from real world experiences this book is not only about spring boot 2 2 and react js overview but also has an in depth discussion about adopted rest architectural pattern and its constraints to create the rest apis the book can act as a tool for learning spring boot 2 2 and react js for the first time as well as a guide and reference for those wanting to dig deeper into specific features this book is also providing deeper information about the spring security and jwt token based authentication for your rest applications this does not only provide information about to design an application using spring boot and react js but also providing how to deploy your application to the cloud platform paas containerization using docker is another key feature of this book how to create a docker image and how to run it descriptiondesigning application with spring boot 2 react js is divided into three parts the first part introduces you to the essentials of the spring boot 2 2 framework and you will learn how to create rest apis and how to secure rest apis part 2 steps behind the front end application development with

react js and discuss react features and its advantages toward the front end application development part 3 expands on that by showing how to deploy backend and frontend application the paas platform and also will discuss how to deploy application container technologies such as docker what will you learn exploring spring boot 2 2 new features and essential key components such as starters autoconfiguration cli actuator develop a rest application using spring boot 2 2 and devtools exploring spring boot auto configuration and customization creating application profiles based on the environments learn to configure backend data using jdbc and spring data jpa learn to configure a datasource for h2 db and also for maria db learn best practices for designing a rest architecture based application creating a rest application using hateoas consuming rest apis endpoints with resttemplate traverson and webclient exploring jwt web token for the restful apis and explores how to secure rest apis using oauth2 and spring security creating testing module of the spring boot application and unit integration testing discuss react js and its components and also discuss react ks features and its advantages and disadvantage exploring how to create reactjs components and how to manage reactjs component lifecycle taking a quick overview of consuming the rest api using the react application deploying the application to the cloud platform paas containerization and deploy using docker containerswho this book is fordesigning application with spring boot 2 2 react js is for all java developers who want to learn spring boot 2 2 and react js as in the enterprise application therefore enterprise java developers will find it particularly useful in the understanding of spring boot 2 2 and react js and how to develop a backend restful application using the spring boot 2 2 and frontend application using react js framework they will most fully appreciate the examples presented in this book before reading this book readers should have basic knowledge of core java spring servlet filter xml and javascript table of contents1 getting started with spring boot 2 2 2 customizing auto configuration 3 configuring data and crud operations 4 creating rest apis with spring boot 2 2 5 securing rest apis 6 testing spring boot application 7 getting started with react8 creating and styling react components9 consuming the rest api with react js10 deploying and containerizing applicationabout the authordinesh rajput is a founder of dineshonjava com a blog for spring and java techies he is a spring enthusiast and a pivotal certified spring professional he has written many software design development books some of the bestselling books on amazon dinesh s title spring 5 design patterns and mastering spring boot 2 0 are the amazon 1 best selling books on java he has more than 10 years of experience with various aspects of spring and cloud native development such as rest apis and microservice architecture he is currently working as an architect at a leading company he has worked as a tech lead at bennett coleman co ltd and paytm he has a master s degree in computer engineering from jss academy of technical education noida and lives in noida with his family his website dineshonjava comhis blog dineshonjava com dineshrajput comhis linkedin profile linkedin com in rajputdinesh

learn to build a full fledged application in spring and kotlin taking a reactive microservice based approach for scalability and robustness in the cloud key features build a full fledged application in spring and kotlin architect your application to take a microservice based approach in the cloud integrate your application with a variety of spring components book description kotlin

is being used widely by developers because of its light weight built in null safety and functional and reactive programming aspects kotlin shares the same pragmatic innovative and opinionated mindset as spring so they work well together spring when combined with kotlin helps you to reach a new level of productivity this combination has helped developers to create functional applications using both the tools together this book will teach you how to take advantage of these developments and build robust scalable and reactive applications with ease in this book you will begin with an introduction to spring and its setup with kotlin you will then dive into assessing the design considerations of your application then you will learn to use spring with spring boot along with kotlin to build a robust backend in a microservice architecture with a rest based collaboration and leverage project reactor in your application you ll then learn how to integrate spring data and spring cloud to manage configurations for database interaction and cloud deployment you ll also learn to use spring security to beef up security of your application before testing it with the junit framework and then deploying it on a cloud platform like aws what you will learn explore spring 5 concepts with kotlin learn both dependency injections and complex configurations utilize spring data spring cloud and spring security in your applications create efficient reactive systems with project reactor write unit tests for your spring kotlin applications deploy applications on cloud platforms like aws who this book is for developers comfortable using spring who have basic knowledge of kotlin and want to take their development skills to the next level and build enterprise grade applications will benefit from this book

with an actionable and hands on approach this custom tailored learning plan gives you a head start in learning four commonly used ways to integrate your spring boot backend with your single page application securely

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

spring framework 6 remains by far the leading de facto out of the box practical java meta application development framework for building complex enterprise cloud native applications as well as web applications and microservices introducing spring framework 6 is your hands on tutorial guide for learning the spring framework 6 from top to bottom and allows you to build an example application along the way from the ground up as you learn the spring framework over the course of this book you ll incrementally build your first spring application piece by piece as you learn each module project or component of the spring framework and its extensions and ecosystem as you learn the various fundamentals you ll then apply them immediately to your spring application this spring application my documents enables you to learn by doing after reading this book you will have the essentials you should need to start using the spring framework and building your own java based applications or microservices with it what you ll learn get started with spring framework 6 by vmware tanzu and the spring community build your first my documents application using spring framework and its extensions test your spring application add persistence to your application using spring data jpa and more show your spring application on the with spring mvc and related use rest apis to enhance your application and add messaging with kafka and amqp integrate your spring application with external systems using spring integration toolkit who is this book for this book is for those aspiring software developers and programmers who are new to spring some prior programming experience recommended preferably in java

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 booklearn reactive programming by implementing a reactive application with spring webfluxcreate a robust and scalable messaging application with spring messaging supportget up to date with the defining characteristics of spring boot 2 0 in spring framework 5learn about developer tools amqp messaging websockets security mongodb data access rest and morethis collection of effective recipes serves as guidelines for spring boot application developmentwho 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 learnget to know the spring boot and understand how it makes creating robust applications extremely simpleunderstand how spring data helps us add persistence in mongodb and sql databasesimplement a websocket to add interactive behaviors in your applicationscreate powerful production grade applications and services with minimal fussuse custom metrics to track the number

of messages published and consumedbuild anything from lightweight unit tests to fully running embedded web container integration testslearn effective testing techniques by integrating cucumber and spockuse hashicorp consul and netflix eureka for dynamic service discoveryin 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

become efficient in both frontend and backend web development with spring and vue key featuresconnect application s frontend and backend with vue vuex and spring bootleverage the latest web standards to enhance code performance readability and cross compatibilitybuild secure full stack web applications with spring securitybook description building applications with spring 5 and vue js 2 with its practical approach helps you become a full stack web developer as well as knowing how to write frontend and backend code a developer has to tackle all problems encountered in the application development life cycle starting from the simple idea of an application to the ui and technical designs and all the way to implementation testing production deployment and monitoring with the help of this book you ll get to grips with spring 5 and vue js 2 as you learn how to develop a web application from the initial structuring to full deployment you ll be guided at every step of developing a web application from scratch with vue js 2 and spring 5 you ll learn how to create different components of your application as you progress through each chapter followed by exploring different tools in these frameworks to expedite your development cycle by the end of this book you ll have gained a complete understanding of the key design patterns and best practices that underpin professional full

stack web development what you will learnanalyze requirements and design data modelsdevelop a single page application using vue js 2 and spring 5practice concept logical and physical data modelingdesign implement secure and test restful api add test cases to improve reliability of an applicationmonitor and deploy your application to productionwho this book is for building applications with spring 5 0 and vue js 2 0 is for you if you are developer who is new to vue js or spring it is assumed that you have some knowledge of html css and java

let us full stack development with spring boot and react js description designing application with spring boot 2 react js is divided into three parts the first part introduces you to the essentials of the spring boot 2 2 framework and you will learn how to create rest apis and how to secure rest apis part 2 steps behind the front end application development with react js and discuss react features and its advantages toward the front end application development part 3 expands on that by showing how to deploy backend and frontend application the paas platform and also will discuss how to deploy application container technologies such as docker key features Ê Ê Ê Ê this book has a very specific goal to make developing rest applicationsÊ easier and focusing on common challenges of the design of the application with best practices Ê Ê Ê Ê this book is providing practical code examples from real world experiences Ê Ê Ê Ê this book is not only about spring boot 2 2 and react js overview but also has an in depth discussion about adopted rest architectural pattern and its constraints to create the rest apis Ê Ê Ê Ê the book can act as a tool for learning spring boot 2 2 and react js for the first time as well as a guide and reference for those wanting to dig deeper into specific features Ê Ê Ê this book is also providing deeper information about the spring security and jwt token based authentication for your rest applications Ê Ê Ê this does not only provide information about to design an application using spring boot and react js but also providing how to deploy your application to the cloud platform paas Ê Ê Ê containerization using docker is another key feature of this book how to create a docker image and how to run it what will you learn Ê Ê Ê exploring spring boot 2 2 new features and essential key components such as starters autoconfiguration cli actuator Ê Ê Ê develop a rest application using spring boot 2 2 and devtools Ê Ê Ê exploring spring boot auto configuration and customization Ê Ê Ê creating application profiles based on the environments Ê Ê Ê learn to configure backend data using jdbc and spring data jpa Ê Ê Ê learn to configure a datasource for h2 db and also for maria db Ê Ê Ê learn best practices for designing a rest architecture based application Ê Ê Ê creating a rest application using hateoas Ê Ê Ê consuming rest apis endpoints with resttemplate traverson and webclient Ê Ê Ê exploring jwt web token for the restful apis and explores how to secure rest apis using oauth2 and spring security Ê Ê Ê creating testing module of the spring boot application and unit integration testing Ê Ê Ê discuss react js and its components and also discuss react ks features and its advantages and disadvantage Ê Ê Ê exploring how to create reactjs components and how to manage reactjs component lifecycle Ê Ê Ê taking a quick overview of consuming the rest api using the react application Ê Ê Ê Ê deploying the application to the cloud platform paas Ê Ê Ê containerization and deploy using docker containers who this book is for designing application with spring boot 2 2 react js is for all java developers

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sale reg price is 19 99 learn to integrate your spring boot application with a single page application securely in an actionable and hands on approach within just a few hours in this custom tailored learning plan you get a head start and learn 4 commonly used ways to integrate your spring boot backend with your single page application and secure it revised second editionin just a few hours you will know how to implement 4 different types of integration and are ready to make better decisions when applying these principles in your context you ve been there and done that already while other developers are still wading through hundreds of pages of a fluffy compendium and still having no clue of how to solve the problem you learn best by coding the way i love learning too what you will build we ll put a single page application written in angular 4 and typescript as an admin ui on top of the microservice built in my book spring boot how to get started and build a microservice however you do not need to know or own the other book we will extend it with a single operation which teaches how to implement pagination and integrate it with a single page application securely in 4 different ways the focus is on the integration and security on the side of spring boot it works with any other javascript framework too as the concepts are the same what you will learn how to secure your api in spring boot 2 1 8 works with 1 5 too how to use pagination for huge lists in your api how to protect your api with basic auth how to use cross origin resource sharing cors with spring boot how to implement json tokens jwt in spring security how to use stateful authentication for your api and ui how to protect your application against cross site request forgery csrf how to make better decission when to use which integration type this book is for you when you have a basic understanding of spring boot and want to add a ui on top when you are new to single page applications with spring backends you read my spring boot starting book and want to continue learning it is not for you if you like reading fluffy compendiums you have not worked with spring boot learn spring boot with my other book and come back you don t know the java language at all and if you have questions do not hesitate to contact me using the email address at the end of the book i am glad to help

unlock the power of spring boot to build and deploy production ready microservices key features get to know the advanced features of spring boot in order to develop and monitor applications use spring cloud to deploy and manage microservices on the cloud look at embedded servers and deploy a test application to a paas cloud platform embedded with assessments that will

help you revise the concepts you have learned in this book book description microservices helps in decomposing applications into small services and move away from a single monolithic artifact it helps in building systems that are scalable flexible and high resilient spring boot helps in building rest oriented production grade microservices this book is a quick learning guide on how to build monitor and deploy microservices with spring boot you ll be first familiarized with spring boot before delving into building microservices you will learn how to document your microservice with the help of spring rest docs and swagger documentation you will then learn how to secure your microservice with spring security and oauth2 you will deploy your app using a self contained http server and also learn to monitor a microservice with the help of spring boot actuator this book is ideal for java developers who knows the basics of spring programming and want to build microservices with spring boot this book is embedded with useful assessments that will help you revise the concepts you have learned in this book what you will learn use spring initializr to create a basic spring project build a basic microservice with spring boot implement caching and exception handling secure your microservice with spring security and oauth2 deploy microservices using self contained http server monitor your microservices with spring boot actuator learn to develop more effectively with developer tools who this book is for this book is aimed at java developers who knows the basics of spring programming and want to build microservices with spring boot

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 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 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

go beyond the basics with spring boot this practical guide presents dozens of relevant scenarios in a convenient problem solution discussion format in spring boot in practice you will learn spring boot s features from an expert s perspective configuring logging and monitoring spring boot applications effective methods for database communication utilizing spring security and securing your spring application in production designing and developing microservices and restful apis with spring boot microservice versioning documentation and security reactive application development and reactive data access with websocket and rsocket deploying spring boot applications on kubernetes and major cloud platforms implementing containerization in a spring boot

application using spring boot with kotlin and graalvm spring boot in practice is full of practical recipes for common development problems in spring boot author somnath musib has spent years building applications with spring and he shares that extensive experience in this focused guide you ll master techniques for using spring data spring security and other spring centric solutions learn how to work with spring boot and kotlin handling connections for multiple platforms and how spring boot can simplify building microservices and apis each recipe is built around a real world problem complete with a full solution and thoughtful discussion about the technology with spring boot it s a snap to create standalone spring applications that require minimal manual setup spring boot directly embeds a server like tomcat or jetty into your project and preconfigures core spring settings third party libraries security and other key elements it s a big framework with lots of powerful features this book provides a rich collection of techniques to help you get the most out of spring boot about the book spring boot in practice is a cookbook style guide to spring application development following a convenient problem solution discussion format it takes you technique by technique through spring boot fundamentals you ll dive deep into auto configuration security microservices and more along the way you ll also discover numerous advanced and hidden features all the book s source code is open source so you can integrate the detailed samples into your own projects what s inside instantly useful techniques with reusable source code configuring logging and monitoring spring boot applications effective methods for database communication securing spring applications in production microservices and restful apis about the reader for spring boot beginners with some spring experience about the author somnath musib has over a decade of development experience and has been actively working with spring boot since 2015 table of contents part 1 1 booting spring boot part 2 2 common spring boot tasks 3 database access with spring data 4 spring boot autoconfiguration and actuator 5 securing spring boot applications 6 implementing additional security with spring security 7 developing restful services with spring boot part 3 8 reactive spring boot application development part 4 9 deploying spring boot applications part 5 10 spring boot with kotlin native image and graphql

discover the latest features of spring framework by building robust fast and reactive web applications key featurestake advantage of all the features of spring 5 0 with third party tools to build a robust back endsecure spring based web application using spring security framework with ldap and oauth protocoldevelop robust and scalable microservice based applications on spring cloud using spring bootbook description spring makes it easy to create restful applications merge with social services communicate with modern databases secure your system and make your code modular and easy to test with the arrival of spring boot developers can really focus on the code and deliver great value with minimal contour this book will show you how to build various projects in spring 5 0 using its features and third party tools we ll start by creating a web application using spring mvc spring data the world bank api for some statistics on different countries and mysql database moving ahead you ll build a restful web services application using spring webflux framework you ll be then taken through creating a spring boot based simple blog management system which uses elasticsearch as the data store then you ll use spring security with the ldap libraries for

authenticating users and create a central authentication and authorization server using oauth 2 protocol further you ll understand how to create spring boot based monolithic application using jhipster toward the end we ll create an online book store with microservice architecture using spring cloud and netflix oss components and a task management system using spring and kotlin by the end of the book you ll be able to create coherent and flexible real time web applications using spring framework what you will learnbuild spring based application using bootstrap template and jqueryunderstand the spring webflux framework and how it uses reactor libraryinteract with elasticsearch for indexing querying and aggregating datacreate a simple monolithic application using jhipsteruse spring security and spring security ldap and oauth libraries for authenticationdevelop a microservice based application with spring cloud and netflixwork on spring framework with kotlinwho this book is for this book is for competent spring developers who wish to understand how to develop complex yet flexible applications with spring you must have a good knowledge of java programming and be familiar with the basics of spring

explore the designs of the spring mvc and webflux frameworks and apply similar designs and techniques to your own code along with detailed analysis of the code and functionality this book includes numerous tips and tricks to help you get the most out of spring mvc webflux and java based web application development in general using spring you ll see how spring mvc is a modern web application framework built upon the latest spring framework 5 and spring boot 2 spring mvc is suitable for building reusable web controller modules that encapsulate rich page navigation rules pro spring mvc with webflux takes great care in covering every inch of spring mvc with webflux to give you the complete picture along with all the best known features of these frameworks you ll discover some new hidden treasures you ll also learn how to correctly and safely extend the frameworks to create customized solutions this book is for anyone who wishes to write robust modern and useful web applications with the spring framework after reading and using this book you ll become proficient with spring mvc and be able to apply it to your own java web applications and microservices you will use spring mvc with webflux to build java based web applications employ the various spring mvc architectures work with controllers and routing functions build microservices and web services using spring mvc and rest create reactive web applications using spring webflux secure spring mvc and spring webflux deploy your spring mvc application to the cloud

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 getting started with spring framework third edition has been updated to reflect changes in spring 4 3 and also includes new chapters on java based configuration and spring data covers spring data jpa and spring data mongodb projects the existing chapters have been revised to include information on java based configuration the book also includes some new information on bean definition profiles importing application context xml files lazy autowiring creating custom qualifier annotations jsr 349 annotations spring messaging module java 8 s optional type

and more the examples that accompany this book are based on spring 4 3 and java 8 you can download the examples consisting of 74 sample projects described in this book from the following github project github com getting started with spring 3rdedition 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 spring chapter 7 java based container configuration new chapter 8 database interaction using spring chapter 9 spring data new chapter 10 messaging emailing asynchronous method execution and caching using spring chapter 11 aspect oriented programming chapter 12 spring mvc basics chapter 13 validation and data binding in spring mvc chapter 14 developing restful web services using spring mvc chapter 15 more spring mvc internationalization file upload and asynchronous request processing chapter 16 securing applications using spring security you can post your questions and feedback on the following google group groups google com forum forum getting started with spring framework

unleash the power of spring mvc and build enterprise grade lightning fast web applications about this book configure spring mvc to build logic less controllers that transparently support the most advanced web techniques secure your developments with easy to write reliable unit and end to end tests get this fast paced practical guide to produce rest resources and templates as required by the latest front end best practices who this book is for this learning path is for java developers who want to exploit spring mvc and its features to build web applications it will help you step up in your career and stay up to date or learn more about spring s web scalability what you will learn set up and build standalone and web based projects using spring framework with maven or gradle develop restful api applications for xml and json data transfers investigate spring data access mechanisms with spring data repositories generate templates for a responsive and powerful front end with angularjs and bootstrap authenticate over rest with a basic authentication scheme and oauth2 handle roles and permissions communicate through websocket and stomp messages design complex advanced level forms and validate the model create maintainable unit and acceptance tests to secure the apps deploy the web application to the cloud in a snap in detail spring mvc helps you build flexible and loosely coupled web applications the spring mvc framework is designed in such a way that every piece of logic and functionality is highly configurable this learning path aims to make you an expert in designing web applications with spring mvc 4 in our first module we ll begin with an introduction to the spring framework you ll then learn aspect oriented programming packed with real world examples you ll get an insight into how you can use spring expression language in your applications to make them easier to manage and maintain in the second module you ll learn everything you need to build modern spring based enterprise web applications from practical development techniques and useful tools from the wider spring ecosystem to the new jee standards the impact of javascript and even the internet of things you ll feel confident that you can deploy spring for an impressive range of creative purposes in the final module you ll find out how to take advantage of spring mvc s advanced features essential if you are to properly master the framework to do this you ll investigate the inner mechanics of spring mvc and

how they tie into to the broader principles that inform many modern web architectures with further guidance on how to test secure and optimize your application as well as designing restful services you ll very quickly be ready to use spring in your next web project this learning path combines some of the best that packt has to offer in one complete curated package it includes content from the following packt products spring essentials by shameer kunjumohamed hamidreza sattari spring mvc cookbook by alex bretet mastering spring mvc 4 by geoffroy warin style and approach this is a hands on practical guide based on logical modules of the whole spring framework family employing a combination of theory and examples with pro level practices techniques and solutions

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