

Instant FreeMarker Starter

Spring Boot 2.0 Projects Hands-On High Performance with Spring 5 Web Development Toolkit for Java Developers Instant FreeMarker Starter Hands-On Reactive Programming with Reactor Spring 5.0 Cookbook Advanced Java Instant FreeMarker Starter Esquire Snapshot Reward. Starter : Resource pack Look Starter: Workbook with the Spark Platform (BRE) Look Starter: Workbook Insight Link Starter. 3(Class Pack) Instant Google Map Maker Starter Mohamed Shazin Sadakath Chintan Mehta Dr. Nirali Dabhi Charles Forsythe Rahul Sharma Sherwin John Calleja Tragura Manish Soni Charles Forsythe Brian Abbs Simon Greenall Gregg Schroeder CENGAGE Learning MyAn Le Limoke Oscar Spring Boot 2.0 Projects Hands-On High Performance with Spring 5 Web Development Toolkit for Java Developers Instant FreeMarker Starter Hands-On Reactive Programming with Reactor Spring 5.0 Cookbook Advanced Java Instant FreeMarker Starter Esquire Snapshot Reward. Starter : Resource pack Look Starter: Workbook with the Spark Platform (BRE) Look Starter: Workbook Insight Link Starter. 3(Class Pack) Instant Google Map Maker Starter *Mohamed Shazin Sadakath Chintan Mehta Dr. Nirali Dabhi Charles Forsythe Rahul Sharma Sherwin John Calleja Tragura Manish Soni Charles Forsythe Brian Abbs Simon Greenall Gregg Schroeder CENGAGE Learning MyAn Le Limoke Oscar*

develop diverse real life projects including most aspects of spring boot key features run production grade based applications using the spring webflux framework learn to develop high performance asynchronous applications with spring boot create robust microservice based applications with kotlin using spring boot book description spring is one of the best tools available on the market for developing web enterprise and cloud ready software the goal of spring boot is to provide a set of tools for quickly building spring applications that are easy to configure and that make it easy to create and run production grade spring based applications spring boot 2 0 projects will get you acquainted with important features of the latest version of this application building tool and will cover basic as well as advanced topics the book starts off by teaching you how to create a web application using spring boot followed by creating a spring boot based simple blog management system that uses elasticsearch as the data store as you make your way through the chapters you ll build a restful web services application using kotlin and the spring webflux framework spring webflux is a new framework that helps in creating a reactive application in a functional way toward the end of the book you will build a taxi hailing api with reactive microservices using spring boot and a twitter clone with a spring boot backend finally you ll learn how to build an asynchronous email formatter what you will learn learn the fundamental features of spring boot 2 0 customize spring boot 2 0 applications build a basic web application use redis to build a taxi hailing api create a simple blog management system and a twitter clone develop a reactive restful web service with kotlin using spring boot who this book is for this book is for competent spring developers who wish to understand how to develop complex yet scalable applications with spring boot you must have a good knowledge of java programming and be familiar with the basics of spring

a hands on guide to creating monitoring and tuning a high performance spring web application key features understand common performance pitfalls and improve your application s performance build and deploy strategies for complex applications using the microservice architecture understand internals of jvm the core of all java runtime environments book description while writing an application performance is paramount performance tuning for real world applications often involves activities geared toward detecting bottlenecks the recent release of spring 5 0 brings major advancements in the rich api provided by the spring framework which means developers need to master its tools and techniques to achieve high performance applications hands on high performance with spring 5 begins with the spring framework s core features exploring the integration of different spring projects it proceeds to evaluate various spring specifications to identify those adversely affecting performance you will learn about bean wiring configurations aspect oriented programming database interaction and hibernate to focus on the metrics that help identify performance bottlenecks you will also look at application monitoring performance optimization jvm internals and garbage collection optimization lastly the book will show you how to leverage the microservice architecture to build a high performance and resilient application by the end of the book you will have gained an insight into various techniques and solutions to build and troubleshoot high performance spring based applications what you will learn master programming best practices and performance improvement with bean wiring analyze the performance of various aop implementations explore database interactions with spring to optimize design and configuration solve hibernate performance issues and traps leverage multithreading and concurrent programming to improve application performance gain a solid foundation in jvm performance tuning using various tools learn the key concepts of the microservice architecture and how to monitor them perform spring boot performance tuning monitoring and health checks who this book is for if you re a spring developer who d like to build high performance applications and have more control over your application s performance in production and development this book is for you some familiarity with java maven and eclipse is necessary

a beginners guide to java programming for web development key features learn one of the most in demand skills in the field of application development get familiar with the fundamental concepts required to develop a web app understand how to develop web apps both with and without using a framework description java is a popular language for developing web applications due to its stability scalability and robustness this comprehensive guide will teach you how to develop web apps using java the book will help you learn how to establish a jdbc connection in java develop model view controller mvc apps using jsp and servlets without a framework and understand the application and use of javaserver faces jsf over jsp to effectively develop web apps additionally the book will help you gain a thorough understanding of different types of frameworks and explore the spring framework in depth it will also teach you how to leverage the power of spring to simplify and streamline your web development projects lastly the book will help you get familiar with the concept of aspect oriented programming aop and learn how to apply aop in your java web development projects by the end of the book you will be able to build professional quality web applications using java what you will learn learn how to create web apps using java servlets explore advanced features that can be managed using

servlets get familiar with the mvc architecture in java build component based and event oriented web interfaces using java server faces jsf learn how to work with web services soap and restful api who this book is for this book is for beginners who are looking to build web apps using java it is also for students pursuing a master s degree in computer applications or information technology having a basic understanding of core java html and relational databases will be an added advantage table of contents 1 database connectivity from java 2 performing insert update delete and select operations 3 creating properties file and performing batch operations 4 components and application directory structure 5 servlet programming 6 managing advance features in servlet 7 basics of java server pages jsp 8 handling beans and using expression language 9 understand model view and controller pattern 10 overview of jsp standard tag library jstl 11 outline of jsf for building component based event oriented interfaces 12 working with services soap and restful 13 aspect oriented approach with spring framework 14 introduction to spring boot

discover how project reactor enhances the reactive programming paradigm and allows you to build scalable asynchronous applications key features use reactive apis flux and mono to implement reactive extensions create concurrent applications without the complexity of java s concurrent api understand techniques to implement event driven and reactive applications book description reactor is an implementation of the java 9 reactive streams specification an api for asynchronous data processing this specification is based on a reactive programming paradigm enabling developers to build enterprise grade robust applications with reduced complexity and in less time hands on reactive programming with reactor shows you how reactor works as well as how to use it to develop reactive applications in java the book begins with the fundamentals of reactor and the role it plays in building effective applications you will learn how to build fully non blocking applications and will later be guided by the publisher and subscriber apis you will gain an understanding how to use two reactive composable apis flux and mono which are used extensively to implement reactive extensions all of these components are combined using various operations to build a complete solution in addition to this you will get to grips with the flow api and understand backpressure in order to control overruns you will also study the use of spring webflux an extension of the reactor framework for building microservices by the end of the book you will have gained enough confidence to build reactive and scalable microservices what you will learn explore benefits of the reactive paradigm and the reactive streams api discover the impact of flux and mono implications in reactor expand and repeat data in stream processing get to grips with various types of processors and choose the best one understand how to map errors to make corrections easier create robust tests using testing utilities offered by reactor find the best way to schedule the execution of code who this book is for if you re looking to develop event and data driven applications easily with reactor this book is for you sound knowledge of java fundamentals is necessary to understand the concepts covered in the book

over 100 hands on recipes to build web applications easily and efficiently in spring 5 0 about this book solve real world problems using the latest features of the spring framework like reactive streams and the functional framework learn how to use dependency injection and aspect oriented programming to write compartmentalized and testable code understand when to choose between spring mvc and spring reactive for your

projects who this book is for java developers who would like to gain in depth knowledge of how to overcome problems that they face while developing great spring applications it will also cater to spring enthusiasts users and experts who need an arena for comparative analysis new ideas and inquiries on some details regarding spring 5 0 and its previous releases a basic knowledge of spring development is essential what you will learn understand how functional programming and concurrency in jdk 1 9 works and how it will affect spring 5 0 learn the importance and application of reactive programming in creating services and also the process of creating asynchronous mvc applications implement different spring data modules integrate spring security to the container create applications and deploy using spring boot conceptualize the architecture behind microservices and learn the details of its implementation create different test cases for the components of spring 5 0 components in detail the spring framework has been the go to framework for java developers for quite some time it enhances modularity provides more readable code and enables the developer to focus on developing the application while the underlying framework takes care of transaction apis remote apis jmx apis and jms apis the upcoming version of the spring framework has a lot to offer above and beyond the platform upgrade to java 9 and this book will show you all you need to know to overcome common to advanced problems you might face each recipe will showcase some old and new issues and solutions right from configuring spring 5 0 container to testing its components most importantly the book will highlight concurrent processes asynchronous mvc and reactive programming using reactor core apis aside from the core components this book will also include integration of third party technologies that are mostly needed in building enterprise applications by the end of the book the reader will not only be well versed with the essential concepts of spring but will also have mastered its latest features in a solution oriented manner style and approach this book follows a cookbook style approach presenting a problem and showing you how to overcome it with useful recipes the examples provided will help you code along as you learn

welcome to advanced java java has evolved significantly since its inception becoming one of the most popular programming languages for a good reason this book aims to take you beyond the basics of java introducing advanced concepts techniques and tools to help you become a proficient java developer whether you re new to java or an experienced developer looking to enhance your skills this book will be your guide we will cover a diverse range of topics from advanced object oriented programming and concurrency to database connectivity web development and modern java frameworks our objective is to do more than just teach you how to write java code we want to help you become a java craftsman or craftswoman capable of creating complex efficient and elegant software solutions you ll gain the knowledge and practical experience needed to confidently address real world challenges the journey begins with advanced object oriented programming principles and design patterns where you ll learn to design your software for scalability maintainability and flexibility using industry standard practices concurrency is a critical aspect of modern software development and this book will delve into multithreading synchronization and concurrent data structures providing you with the tools to write high performance parallelized applications mastering database connectivity is essential for any java developer you ll learn to work with databases including advanced sql queries jdbc and connection pooling enabling you to build robust data driven applications development is another

fundamental component of modern java programming you ll explore technologies like servlets jsp and java server faces jsf and we ll introduce the spring framework a comprehensive toolset for developing enterprise level applications throughout the book we ll emphasize best practices coding standards and design guidelines to help you write not only functional but also maintainable and elegant code you ll learn how to leverage tools and libraries to enhance your productivity and streamline your development process as you embark on this journey into advanced java remember that mastering any craft requires time and practice java is a versatile and powerful tool and with dedication and persistence you can unlock its full potential we encourage you to engage with the hands on exercises and embrace the challenges that advanced java programming presents by the end of this book we hope you ll have expanded not only your technical skills but also your mindset as a software developer

get to grips with a new technology understand what it is and what it can do for you and then get to work with the most important features and tasks a simple starter approach introducing new concepts and terms through the hands on building of templates for java apis if you are a dynamic web developer or a java based apps developer new to freemarker then this book will provide invaluable guidance to get your new project started on the right track if you have started using freemarker and find it confusing or complicated this book will be a guided tour that will show you how to conquer complexity and create a template based view layer with an elegant architecture the book is also aimed at those who have elementary web development skills and basic java programming knowledge readers should also have a conceptual understanding of the mvc model

get to grips with a new technology understand what it is and what it can do for you and then get to work with the most important features and tasks this is a practical example rich starter which helps you with the skills needed to learn google map maker this book is intended for those who would like to understand how google maps are created and are interested in creating their own maps in google map maker no special skills or system requirements are necessary you will very quickly understand how the google map maker platform and community work and have your own map edits by the end of your read you will also find useful communities and social media personalities to follow

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