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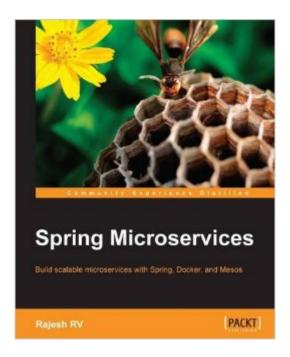
Spring Microservices

Synopsis

Build scalable microservices with Spring, Docker, and MesosAbout This BookLearn how to efficiently build and implement microservices in Spring, and how to use Docker and Mesos to push the boundaries of what you thought possibleExamine a number of real-world use cases and hands-on code examples.Distribute your microservices in a completely new wayWho This Book Is ForIf you are a Spring developers and want to build cloud-ready, internet-scale applications to meet modern business demands, then this book is for you Developers will understand how to build simple Restful services and organically grow them to truly enterprise grade microservices ecosystems.What You Will LearnGet to know the microservices development lifecycle processSee how to implement microservices governanceFamiliarize yourself with the microservices architecture and its benefitsUse Spring Boot to develop microservicesFind out how to avoid common pitfalls when developing microservicesBe introduced to end-to-end microservices written in Spring Framework and Spring BootIn DetailThe Spring Framework is an application framework and inversion of the control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions to build web applications on top of the Java EE platform. This book will help you implement the microservice architecture in Spring Framework, Spring Boot, and Spring Cloud. Written to the latest specifications of Spring, you'll be able to build modern, Internet-scale Java applications in no time.We would start off with the guidelines to implement responsive microservices at scale. We will then deep dive into Spring Boot, Spring Cloud, Docker, Mesos, and Marathon. Next you will understand how Spring Boot is used to deploy autonomous services, server-less by removing the need to have a heavy-weight application server. Later you will learn how to go further by deploying your microservices to Docker and manage it with Mesos. By the end of the book, you'll will gain more clarity on how to implement microservices using Spring Framework and use them in Internet-scale deployments through real-world examples.Style and approachThe book follows a step by step approach on how to develop microservices using Spring Framework, Spring Boot, and a set of Spring Cloud components that will help you scale your applications.

Book Information

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Customer Reviews

This book by Rajesh is excellent - from a coverage as well as working examples perspective. The author has done justice in putting the introductory as well as some detailed aspects of what has been promised in the front cover - "Spring, Docker & Mesos" - both for a new comer to the field as well as to an experienced software enthusiast who would like to get more in-depth knowledge of the "Micro services in Java with examples".I have covered more than 3/4th of the contents of this book while I write this review. I have been also trying out the samples at selected reading baselines. The samples are straight forward and working properly.Further, the best part of this book is the narration provided by the author in selecting between trade-offs in finalising the Architecture of a fictitious Airline Passenger Service System (PSS). It is not common to find such kind of a "thought process explained as text in a book", which is a USP for this book. In fact, such discussion we use to have when we sit across tables with Technical Architects or CTOs of our customers, but to have such an experience through a book like this, that too with some of these aspects demonstrated with code is a nice experience any reader would like to have.One aspect where the author could have made an improvement is in the build up of the samples As-Is explained in the descriptive part of the text. What I mean is, while the author succeeded in introducing and discussing the concerns one by one, when it comes to the code samples multiple such concerns are addressed in a single go in the code.

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