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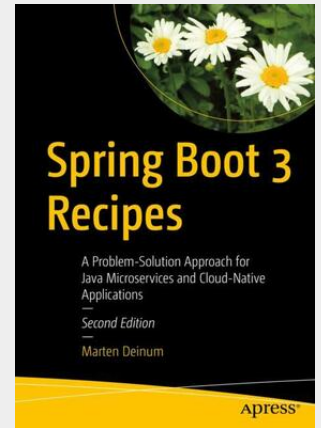
Spring Boot 3 Recipes

A Problem-Solution Approach for Java Microservices and Cloud-Native Applications

Solve all your Spring Boot 3 micro-framework problems using complete, real-world Java-based code snippets and examples inspired by various problems and corresponding solutions to those problems. When you start a new project, you'll be able to copy the code and configuration files from this book, and then modify them for your own specific software programming needs. This can save you a great deal of work over creating a project from scratch. Spring Boot 3 Recipes has been revised to include new features like the new Spring Native, newly repackaged Spring Data, Spring Kafka for messaging and more on Kubernetes/deployment than in the previous edition. It includes Java 17 long term support code and Jakarta EE 9+ code as a base for Spring Boot 3. This handy code reference takes advantage of these things as it introduces you to VMWare's Spring Boot 3 and Spring Native. Quickly, it dives into code snippets on how to apply and integrate SpringBoot 3 with the Spring MVC web framework, web sockets and WebFlux for the rapid development of web applications, web services, microservices and more. You'll also get solutions to common problems with data persistence, integrating Spring Boot with batch processing, algorithmic programming via Spring Batch, and much more. These enable you to enhance or round out your web applications or microservices with a data and/or transaction-tier to boot. Other recipes cover topics such as using and integrating Boot with Spring's enterprise services, Spring Integration, testing, monitoring and more. At the end of the book, you'll have the code snippets and packages to deploy your Spring Boot-created microservices or applications on a cloud platform like Amazon using the popular Kubernetes container. Finally, this code reference is a must have for your Spring library. What You'll Learn - Get reusable code recipes and snippets for the Spring Boot 3 micro-framework - Discover how Spring Boot 3 integrates with other Spring APIs, tools, and frameworks - Access Spring MVC, web sockets and WebFlux for easier web development - Work with microservices for web services development and integration with your Spring Boot applications - Add persistence and a data tier seamlessly to make your Spring Boot web application do more - Integrate enterprise services via Spring Integration and Jakarta EE to create a more complex Java application using Spring Boot Who This Book Is For This book is for experienced Java and Spring software programmers, developers.

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64,19 €
59,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9798868801129
Medium: Buch
ISBN: 979-8-8688-0112-9
Verlag: Apress
Erscheinungstermin: 26.03.2024
Sprache(n): Englisch
Auflage: 2. Auflage 2024
Produktform: Kartoniert
Gewicht: 974 g
Seiten: 504
Format (B x H): 178 x 254 mm

fachmedien.de
WISSEN. EINFACH. FINDEN.