
Objects First With Java Zuul

Getting Started with Istio Service Mesh

Practical Modern JavaScript

Java 5

Objects First with Java

Evolve the Monolith to Microservices with Java and Node

Computer Science:An Overview with Objects First with Java:A Practical Introduction

Using Bluej with Business Information Systems

Mastering Microservices with Java 9

Microservices Security in Action

Objects First with Java

TypeScript Microservices

Objects First with Java: A Practical Introduction Using Bluej, Global Edition

Hands-On Microservices with Spring Boot and Spring Cloud

Objects First with Java

Microservice Architecture

The JHipster Mini-Book

Hands-On Microservices – Monitoring and Testing

Rapid Java Persistence and Microservices

Jumpstart Edition

Java

Learn Microservices with Spring Boot

Microservices with Spring Boot and Spring Cloud

Spring 5.0 By Example

Practical Microservices Architectural Patterns

Environmental Software Systems. Computer Science for Environmental Protection

Objects First with Java

OBJECTS FIRST WITH JAVA

Objects First with Java

Building Microservices with Spring

Developing Java Applications with Spring and Spring Boot

Mastering Microservices with Java

Advanced API Security

Pivotal Certified Professional Core Spring 5 Developer Exam

Spring Microservices

Software Architecture with Spring 5.0

Spring Microservices in Action

Software Engineering Perspectives in Intelligent Systems

Building Micro-Frontends
Reflections on the Teaching of Programming
Cloud Native Applications with Ballerina

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Objects First amsd.per.gov.ie
With Java Zuul by guest*

MARKS PHELPS

Getting Started with Istio
Service Mesh "O'Reilly
Media, Inc."

Gain all the essentials you need to create scalable microservices, which will help you solve real challenges when deploying services into production. This book will take you through creating

a scalable data layer with polygot persistence. You'll cover data access and query patterns in Spring and JPA in high-performance environments. As part of this topic, you'll see the advantages of multiple persistence frameworks in Java and especially the easy persistence offered by NoSQL databases and reactive web solutions. The last few chapters present advanced

concepts that are useful for very high-performance real-time applications: you'll implement applications using Spring's good support for Web sockets in their raw form as well as for connecting to message brokers such as RabbitMQ. This can be useful for applications such as navigation systems and gaming platforms. What You Will LearnBuild end-to-end

modern applications using microservices, persistence essentials, reactive web, and other high-performance concepts
 Master Spring's configuration options
 Secure microservices efficiently
 Monitor your services post deployment
 Who This Book Is For
 Java developers and architects interested in microservices.
Practical Modern JavaScript
 Springer
 What's the answer to today's increasingly complex web applications? Micro-

frontends. Inspired by the microservices model, this approach lets you break interfaces into separate features managed by different teams of developers. With this practical guide, Luca Mezzalana shows software architects, tech leads, and software developers how to build and deliver artifacts atomically rather than use a big bang deployment. You'll learn how micro-frontends enable your team to choose any library or framework. This gives your organization

technical flexibility and allows you to hire and retain a broad spectrum of talent. Micro-frontends also support distributed or colocated teams more efficiently. Pick up this book and learn how to get started with this technological breakthrough right away. Explore available frontend development architectures
 Learn how microservice principles apply to frontend development
 Understand the four pillars for creating a successful micro-frontend

architecture Examine the benefits and pitfalls of existing micro-frontend architectures Learn principles and best practices for creating successful automation strategies Discover patterns for integrating micro-frontend architectures using microservices or a monolith API layer [Java 5](#) Prentice Hall To get the most out of modern JavaScript, you need learn the latest features of its parent specification, ECMAScript 6 (ES6). This book

provides a highly practical look at ES6, without getting lost in the specification or its implementation details. Armed with practical examples, author Nicolas Bevacqua shows you new ways to deal with asynchronous flow control, declare objects or functions, and create proxies or unique sets, among many other features. The first title in Bevacqua's Modular JavaScript series, Practical Modern JavaScript prepares JavaScript and Node.js developers for

applied lessons in modular design, testing, and deployment in subsequent books. This book explains: How JavaScript and its standards development process have evolved Essential ES6 changes, including arrow functions, destructuring, let and const Class syntax for declaring object prototypes, and the new Symbol primitive How to handle flow control with Promises, iterators, generators, and async functions ES6 collection built-in types for creating

object maps and unique sets How and when to use the new Proxy and Reflect built-ins Changes to Array, Math, numbers, strings, Unicode, and regular expressions, and other improvements since ES5 *Objects First with Java* Packt Publishing Ltd Master the art of implementing scalable and reactive microservices in your production environment with Java 11 Key Features Use domain-driven designs to build microservices Explore various microservices

design patterns such as service discovery, registration, and API Gateway Use Kafka, Avro, and Spring Streams to implement event-based microservices Book Description Microservices are key to designing scalable, easy-to-maintain applications. This latest edition of *Mastering Microservices with Java*, works on Java 11. It covers a wide range of exciting new developments in the world of microservices, including microservices patterns, interprocess

communication with gRPC, and service orchestration. This book will help you understand how to implement microservice-based systems from scratch. You'll start off by understanding the core concepts and framework, before focusing on the high-level design of large software projects. You'll then use Spring Security to secure microservices and test them effectively using REST Java clients and other tools. You will also gain experience of using the Netflix OSS

suite, comprising the API Gateway, service discovery and registration, and Circuit Breaker. Additionally, you'll be introduced to the best patterns, practices, and common principles of microservice design that will help you to understand how to troubleshoot and debug the issues faced during development. By the end of this book, you'll have learned how to build smaller, lighter, and faster services that can be implemented easily in a production environment.

What you will learnUse domain-driven designs to develop and implement microservicesUnderstand how to implement microservices using Spring BootExplore service orchestration and distributed transactions using the SagasDiscover interprocess communication using REpresentational State Transfer (REST) and eventsGain knowledge of how to implement and design reactive microservicesDeploy and test various microservicesWho this

book is for This book is designed for Java developers who are familiar with microservices architecture and now want to effectively implement microservices at an enterprise level. Basic knowledge and understanding of core microservice elements and applications is necessary.

Evolve the Monolith to Microservices with Java and Node Packt

Publishing Ltd

Learn and use the design patterns and best

practices in Spring to solve common design problems and build user-friendly microservices

Key Features Study the benefits of using the right design pattern in your toolkit

Manage your code easily with Spring's dependency injection pattern

Explore the features of Docker and Mesos to build successful microservices

Book Description Getting Started with Spring Microservices begins with an overview of the Spring Framework 5.0, its design patterns, and its

guidelines that enable you to implement responsive microservices at scale.

You will learn how to use GoF patterns in application design. You will understand the dependency injection pattern, which is the main principle behind the decoupling process of the Spring Framework and makes it easier to manage your code. Then, you will learn how to use proxy patterns in aspect-oriented programming and remoting. Moving on, you will understand the JDBC template patterns

and their use in abstracting database access. After understanding the basics, you will move on to more advanced topics, such as reactive streams and concurrency. Written to the latest specifications of Spring that focuses on Reactive Programming, the Learning Path teaches you how to build modern, internet-scale Java applications in no time. Next, you will understand how Spring Boot is used to deploying serverless autonomous services by removing the need to

have a heavyweight application server. You'll also explore ways to deploy your microservices to Docker and managing them with Mesos. By the end of this Learning Path, you will have the clarity and confidence for implementing microservices using Spring Framework. This Learning Path includes content from the following Packt products: Spring 5 Microservices by Rajesh R V Spring 5 Design Patterns by Dinesh Rajput What you will learn Develop applications

using dependency injection patterns Build web applications using traditional Spring MVC patterns Utilize the reactive programming pattern to build reactive web apps Learn concurrency and handle multiple connections inside a web server Use Spring Boot and Spring Cloud to develop microservices Leverage reactive programming to build cloud-native applications Who this book is for Getting Started with Spring Microservices is ideal for Spring

developers who want to use design patterns to solve common design problems and build cloud-ready, Internet-scale applications, and simple RESTful services.

Computer Science: An Overview with Objects First with Java: A Practical Introduction Using Bluej with Business Information Systems Springer Nature A step-by-step guide to creating and deploying production-quality microservices-based applications Key Features Build cloud-

native production-ready microservices with this comprehensively updated guide. Understand the challenges of building large-scale microservice architectures. Learn how to get the best out of Spring Cloud, Kubernetes, and Istio in combination. Book Description With this book, you'll learn how to efficiently build and deploy microservices. This new edition has been updated for the most recent versions of Spring, Java, Kubernetes, and Istio, demonstrating faster and simpler handling of

Spring Boot, local Kubernetes clusters, and Istio installation. The expanded scope includes native compilation of Spring-based microservices, support for Mac and Windows with WSL2, and an introduction to Helm 3 for packaging and deployment. A revamped security chapter now follows the OAuth 2.1 specification and makes use of the newly launched Spring Authorization Server from the Spring team. Starting with a set of simple cooperating

microservices, you'll add persistence and resilience, make your microservices reactive, and document their APIs using OpenAPI. You'll understand how fundamental design patterns are applied to add important functionality, such as service discovery with Netflix Eureka and edge servers with Spring Cloud Gateway. You'll learn how to deploy your microservices using Kubernetes and adopt Istio. You'll explore centralized log

management using the Elasticsearch, Fluentd, and Kibana (EFK) stack and monitor microservices using Prometheus and Grafana. By the end of this book, you'll be confident in building microservices that are scalable and robust using Spring Boot and Spring Cloud. What you will learn Build reactive microservices using Spring Boot Develop resilient and scalable microservices using Spring Cloud Use OAuth 2.1/OIDC and Spring Security to protect public

APIs Implement Docker to bridge the gap between development, testing, and production Deploy and manage microservices with Kubernetes Apply Istio for improved security, observability, and traffic management Write and run automated microservice tests with JUnit, testcontainers, Gradle, and bash Who this book is for If you are a Java or Spring Boot developer who wants to learn how to build microservice landscapes from scratch, this book is

for you. No familiarity with microservices architecture is required.

**Mastering
Microservices with Java
9** Lulu.com

This introductory programming textbook integrates BlueJ with Java. It provides a thorough treatment of object-oriented principles.

**Microservices Security
in Action** Packt
Publishing Ltd

This book constitutes the refereed proceedings of the 4th Computational Methods in Systems and Software 2020 (CoMeSySo

2020) proceedings. Software engineering, computer science and artificial intelligence are crucial topics for the research within an intelligent systems problem domain. The CoMeSySo 2020 conference is breaking the barriers, being held online. CoMeSySo 2020 intends to provide an international forum for the discussion of the latest high-quality research results.

Objects First with Java
Packt Publishing Ltd
Microservices Security in

Action teaches you how to address microservices-specific security challenges throughout the system. This practical guide includes plentiful hands-on exercises using industry-leading open-source tools and examples using Java and Spring Boot. Summary Unlike traditional enterprise applications, Microservices applications are collections of independent components that function as a system. Securing the messages, queues, and API endpoints requires new approaches

to security both in the infrastructure and the code. Microservices Security in Action teaches you how to address microservices-specific security challenges throughout the system. This practical guide includes plentiful hands-on exercises using industry-leading open-source tools and examples using Java and Spring Boot. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology

Integrating independent services into a single system presents special security challenges in a microservices deployment. With proper planning, however, you can build in security from the start. Learn to create secure services and protect application data throughout development and deployment. As microservices continue to change enterprise application systems, developers and architects must learn to integrate security into their design and implementation.

Because microservices are created as a system of independent components, each a possible point of failure, they can multiply the security risk. With proper planning, design, and implementation, you can reap the benefits of microservices while keeping your application data—and your company’s reputation—safe! About the book *Microservices Security in Action* is filled with solutions, teaching best practices for throttling and monitoring,

access control, and microservice-to-microservice communications. Detailed code samples, exercises, and real-world use cases help you put what you’ve learned into production. Along the way, authors and software security experts Prabath Siriwardena and Nuwan Dias shine a light on important concepts like throttling, analytics gathering, access control at the API gateway, and microservice-to-microservice communication. You’ll

also discover how to securely deploy microservices using state-of-the-art technologies including Kubernetes, Docker, and the Istio service mesh. Lots of hands-on exercises secure your learning as you go, and this straightforward guide wraps up with a security process review and best practices. When you're finished reading, you'll be planning, designing, and implementing microservices applications with the priceless confidence that comes

with knowing they're secure! What's inside Microservice security concepts Edge services with an API gateway Deployments with Docker, Kubernetes, and Istio Security testing at the code level Communications with HTTP, gRPC, and Kafka About the reader For experienced microservices developers with intermediate Java skills. About the author Prabath Siriwardena is the vice president of security architecture at WSO2. Nuwan Dias is the director

of API architecture at WSO2. They have designed secure systems for many Fortune 500 companies. Table of Contents PART 1 OVERVIEW 1 Microservices security landscape 2 First steps in securing microservices PART 2 EDGE SECURITY 3 Securing north/south traffic with an API gateway 4 Accessing a secured microservice via a single-page application 5 Engaging throttling, monitoring, and access control PART 3 SERVICE-TO-SERVICE

COMMUNICATIONS 6

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east/west traffic over

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Kubernetes 12 Securing
microservices with Istio
service mesh PART 5

SECURE DEVELOPMENT

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practices and automation

TypeScript Microservices
Apress

Discover the real power of
Spring Framework 5.0 and
learn to create powerful
applications in its newest
version Key Features

Learn reactive
programming by
implementing a reactive
application with Spring
Webflux Create a robust
and scalable messaging
application with Spring
messaging support Apply
your knowledge to build
three real-world projects
in Spring Book Description
With growing demands,
organizations are looking
for systems that are
robust and scalable.

Therefore, the 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 book has
three parts, where each
one covers the building of
a comprehensive project
in Java and Spring. In the
first part, you will
construct a CMS Portal
using Spring's support for

building REST APIs. You will also learn to integrate these APIs with AngularJS and later develop this application in a reactive fashion using Project Reactor, Spring WebFlux, and Spring Data. In the second part, you'll understand how to build a messaging application, which will consume the Twitter API and perform filtering and transformations. Here, you will also learn about server-sent events and explore Spring's support for Kotlin, which makes application development

quick and efficient. In the last part, you will build a real microservice application using the most important techniques and patterns such as service discovery, circuit breakers, security, data streams, monitoring, and a lot more from this architectural style. By the end of the book, you will be confident about using Spring to build your applications. What you will learn Implement REST APIs with Spring REST support Introduce 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 Introduce Reactive Programming and use this with Spring Webflux Implement a Reactive REST client and learn how it can create asynchronous applications Create a robust, scalable, and fault tolerant application with Spring Messaging Implement a websocket to add interactive behaviors in your applications

Introduce the Spring Cloud projects Who this book is for If you're a developer starting out with Spring, then this book will help you learn about the new Spring 5.0 framework concepts followed by their implementation in Java and Kotlin. The book will also help experienced Spring developers gain insights into the new features added in Spring 5.0.

Objects First with Java: A Practical Introduction Using BlueJ, Global Edition
Apress

Apply microservices patterns to build resilient and scalable distributed systems Key Features Understand the challenges of building large-scale microservice landscapes Build cloud-native production-ready microservices with this comprehensive guide Discover how to get the best out of Spring Cloud, Kubernetes, and Istio when used together Book DescriptionMicroservices architecture allows developers to build and maintain applications with ease, and enterprises are

rapidly adopting it to build software using Spring Boot as their default framework. With this book, you'll learn how to efficiently build and deploy microservices using Spring Boot. This microservices book will take you through tried and tested approaches to building distributed systems and implementing microservices architecture in your organization. Starting with a set of simple cooperating microservices developed using Spring Boot, you'll

learn how you can add functionalities such as persistence, make your microservices reactive, and describe their APIs using Swagger/OpenAPI. As you advance, you'll understand how to add different services from Spring Cloud to your microservice system. The book also demonstrates how to deploy your microservices using Kubernetes and manage them with Istio for improved security and traffic management. Finally, you'll explore centralized log

management using the EFK stack and monitor microservices using Prometheus and Grafana. By the end of this book, you'll be able to build microservices that are scalable and robust using Spring Boot and Spring Cloud. What you will learn
Build reactive microservices using Spring Boot Develop resilient and scalable microservices using Spring Cloud Use OAuth 2.0/OIDC and Spring Security to protect public APIs Implement Docker to bridge the gap between

development, testing, and production Deploy and manage microservices using Kubernetes Apply Istio for improved security, observability, and traffic management
Who this book is for This book is for Java and Spring developers and architects who want to learn how to break up their existing monoliths into microservices and deploy them either on-premises or in the cloud using Kubernetes as a container orchestrator and Istio as a service Mesh. No familiarity with

microservices architecture is required to get started with this book.

Hands-On Microservices with Spring Boot and Spring Cloud Jones & Bartlett Learning

The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available

online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed. A Modern Approach to Functional Programming Objects First with Java: A Practical Introduction is an introduction to object-oriented programming for beginners. The main focus of the book is general object-oriented and

programming concepts from a software engineering perspective. The first chapters are written for students with no programming experience with later chapters being more suitable for advanced or professional programmers. The Java programming language and BlueJ—the Java development environment – are the two tools used throughout the book. BlueJ's clear visualization of classes and objects means that students can immediately appreciate

the differences between them and gain a much better understanding of the nature of an object than they would from simply reading source code. Unlike traditional textbooks, the chapters are not ordered by language features but by software development concepts. The Sixth Edition goes beyond just adding the new language constructs of Java 8. The book's exploration of this new language demonstrates a renaissance of functional ideas in modern

programming. While functional programming isn't new in principle, it's seen a boost in popularity based on the current computer hardware available and the changing nature of projects programmers wish to tackle. Functional language constructs make it possible to efficiently automate currency, make use of multiple cores without much effort on the side of the programmer, are both more elegant and readable, and offer great potential in solving the

issue of parallel hardware. Functional programming has become an essential part of the field, and *Objects First with Java* gives students a basic understanding of an area they'll need to master in order to succeed in the future.

Objects First with Java
Pearson Higher Ed

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Microservice Architecture

Packt Publishing Ltd

This book constitutes the refereed proceedings of the 12th IFIP WG 5.11 International Symposium on Environmental Software Systems, ISESS 2017, held in Zadar, Croatia, in May 2017. The 35 revised full papers presented together with 4 keynote lectures were carefully reviewed and selected from 46 submissions. The papers deal with environmental challenges and try to provide solutions using forward-looking and

leading-edge IT technology. They are organized in the following topical sections: air and climate; water and hydrosphere; health and biosphere; risk and disaster management; information systems; and modelling, visualization and decision support.

The JHipster Mini-Book

Simon and Schuster
Jumpstart Edition
Objects First with Java
Prentice Hall

Hands-On Microservices - Monitoring and Testing

Packt Publishing Ltd
Build an in-depth

understanding of the Istio service mesh and see why a service mesh is required for a distributed application. This book covers the Istio architecture and its features using a hands-on approach with language-neutral examples. To get your Istio environment up and running, you will go through its setup and learn the concepts of control plane and data plane. You will become skilled with the new concepts and apply them with best practices to continuously deliver

applications. What You Will Learn Discover the Istio architecture components and the Envoy proxy Master traffic management for service routing and application deployment Build application resiliency using timeout, circuit breakers, and connection pools Monitor using Prometheus and Grafana Configure application security Who This Book Is For Developers and project managers who are trying to run their application using Kubernetes. The

book is not specific for any programming language even though all examples will be in Java or Python. *Rapid Java Persistence and Microservices* Pearson PTR Interactive 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 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.

Jumpstart Edition Packt Publishing Ltd

Learn how to build, test, secure, deploy, and efficiently consume services across distributed systems. Key Features - Explore the wealth of options provided by Spring Cloud for wiring service dependencies in microservice systems. - Create microservices utilizing Spring Cloud's Netflix OSS - Architect

your cloud-native data using Spring Cloud. Book Description Developing, deploying, and operating cloud applications should be as easy as local applications. This should be the governing principle behind any cloud platform, library, or tool. Spring Cloud—an open-source library—makes it easy to develop JVM applications for the cloud. In this book, you will be introduced to Spring Cloud and will master its features from the application developer's point of view. This book

begins by introducing you to microservices for Spring and the available feature set in Spring Cloud. You will learn to configure the Spring Cloud server and run the Eureka server to enable service registration and discovery. Then you will learn about techniques related to load balancing and circuit breaking and utilize all features of the Feign client. The book now delves into advanced topics where you will learn to implement distributed tracing solutions for Spring Cloud

and build message-driven microservice architectures. Before running an application on Docker containers, you will master testing and securing techniques with Spring Cloud. What you will learn - Abstract Spring Cloud's feature set - Create microservices utilizing Spring Cloud's Netflix OSS - Create synchronous API microservices based on a message-driven architecture. - Explore advanced topics such as distributed tracing, security, and contract

testing. - Manage and deploy applications on the production environment Who this book is for This book appeals to developers keen to take advantage of Spring Cloud, an open source library which helps developers quickly build distributed systems. Knowledge of Java and Spring Framework will be helpful, but no prior exposure to Spring Cloud is required.

Java "O'Reilly Media, Inc."

The things you need to do to set up a new software

project can be daunting. First, you have to select the back-end framework to create your API, choose your database, set up security, and choose your build tool. Then you have to choose the tools to create your front end: select a UI framework, configure a build tool, set up Sass processing, configure your browser to auto-refresh when you make changes, and configure the client and server so they work in unison. If you're building a new application using Spring Boot and Angular,

you can save days by using JHipster. JHipster generates a complete and modern web app, unifying: - A high-performance and robust Java stack on the server side with Spring Boot - A sleek, modern, mobile-first front-end with Angular and Bootstrap - A robust microservice architecture with the JHipster Registry, Netflix OSS, the ELK stack, and Docker - A powerful workflow to build your application with Yeoman, Webpack, and Maven/Gradle

Learn Microservices with Spring Boot Packt Publishing Ltd
Pass the Pivotal Certified Professional exam for Core Spring, based on the latest Spring Framework 5, using source code examples, study summaries, and mock exams. This book now includes WebFlux, reactive programming, and more found in Spring 5. You'll find a descriptive overview of certification-related Spring modules and a single example application demonstrating the use of all required

Spring modules. Furthermore, in Pivotal Certified Professional Core Spring 5 Developer Exam, Second Edition, each chapter contains a brief study summary and question set, and the book's free downloadable source code package includes one mock exam (50 questions - like a real exam). After using this study guide, you will be ready to take and pass the Pivotal Certified Professional exam. When you become Pivotal Certified, you will have one of the most valuable

credentials in Java. Pivotal certification helps you advance your skills and your career, and get the maximum benefit from Spring. Passing the exam demonstrates your understanding of Spring and validates your familiarity with: container-basics, aspect oriented programming (AOP), data access and transactions, Spring Security, Spring

Boot, microservices, and Spring model-view-controller (MVC). Good luck! What You Will Learn Understand the core principles of Spring Framework 5 Use dependency injection Work with aspects in Spring and do AOP (aspect oriented programming) Control transactional behavior and work with SQL and NoSQL databases Create

and secure web applications based on Spring MVC Get to know the format of the exam and the type of questions in it Create Spring microservices applications Who This Book Is For Spring developers who have taken the Pivotal Core Spring class are eligible to take the Pivotal Certified Professional exam.

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