

Netty In Action

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The Swimmer -

Spring Microservices in Action - John Carnell

2017-06-11

Summary Spring Microservices in Action teaches you how to build microservice-based applications using Java and the Spring platform. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the

technology Microservices break up your code into small, distributed, and independent services that require careful forethought and design.

Fortunately, Spring Boot and Spring Cloud simplify your microservice applications, just as the Spring Framework simplifies enterprise Java development. Spring Boot removes the boilerplate code involved with writing a REST-based service. Spring Cloud

provides a suite of tools for the discovery, routing, and deployment of microservices to the enterprise and the cloud.

About the Book Spring Microservices in Action teaches you how to build microservice-based applications using Java and the Spring platform. You'll learn to do microservice design as you build and deploy your first Spring Cloud application. Throughout the book, carefully selected real-life examples expose microservice-based patterns for configuring, routing, scaling, and deploying your services. You'll see how Spring's intuitive tooling can help augment and refactor existing applications with micro services. What's Inside Core microservice design principles Managing configuration with Spring Cloud Config Client-side resiliency with Spring, Hystrix, and Ribbon Intelligent routing using Netflix Zuul Deploying Spring Cloud applications About the Reader This book is written for developers with Java and Spring experience. About the Author John Carnell

is a senior cloud engineer with twenty years of experience in Java. Table of contents Welcome to the cloud, Spring Building microservices with Spring Boot Controlling your configuration with Spring Cloud configuration server On service discovery When bad things happen: client resiliency patterns with Spring Cloud and Netflix Hystrix Service routing with Spring Cloud and Zuul Securing your microservices Event-driven architecture with Spring Cloud Stream Distributed tracing with Spring Cloud Sleuth and Zipkin Deploying your microservices *Akka in Action* - Raymond Roostenburg 2016-09-20 Summary *Akka in Action* is a comprehensive tutorial on building message-oriented systems using Akka. The book takes a hands-on approach, where each new concept is followed by an example that shows you how it works, how to implement the code, and how to (unit) test it. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning

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Publications. About the Technology Akka makes it relatively easy to build applications in the cloud or on devices with many cores that efficiently use the full capacity of the computing power available. It's a toolkit that provides an actor programming model, a runtime, and required support tools for building scalable applications. About the Book Akka in Action shows you how to build message-oriented systems with Akka. This comprehensive, hands-on tutorial introduces each concept with a working example. You'll start with the big picture of how Akka works, and then quickly build and deploy a fully functional REST service out of actors. You'll explore test-driven development and deploying and scaling fault-tolerant systems. After mastering the basics, you'll discover how to model immutable messages, implement domain models, and apply techniques like event sourcing and CQRS. You'll also find a tutorial on building streaming applications using

akka-stream and akka-http. Finally, you'll get practical advice on how to customize and extend your Akka system. What's Inside Getting concurrency right Testing and performance tuning Clustered and cloud-based applications Covers Akka version 2.4 About the Reader This book assumes that you're comfortable with Java and Scala. No prior experience with Akka required. About the Authors A software craftsman and architect, Raymond Roestenburg is an Akka committer. Rob Bakker specializes in concurrent back-end systems and systems integration. Rob Williams has more than 20 years of product development experience. Table of Contents Introducing Akka Up and running Test-driven development with actors Fault tolerance Futures Your first distributed Akka app Configuration, logging, and deployment Structural patterns for actors Routing messages Message channels Finite-state machines and agents System integration Streaming Clustering Actor persistence

Performance tips Looking ahead

The Java Module System -

Nicolai Parlog 2019-06-26

Summary Java's much-awaited "Project Jigsaw" is finally here! Java 11 includes a built-in modularity framework, and The Java Module System is your guide to discovering it. In this new book, you'll learn how the module system improves reliability and maintainability, and how it can be used to reduce tight coupling of system components. Foreword by Kevlin Henney. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. You'll find registration instructions inside the print book. About the Technology Packaging code into neat, well-defined units makes it easier to deliver safe and reliable applications. The Java Platform Module System is a language standard for creating these units. With modules, you can closely control how JARs interact and easily identify any missing dependencies at startup. This

shift in design is so fundamental that starting with Java 9, all core Java APIs are distributed as modules, and libraries, frameworks, and applications will benefit from doing the same. About the Book The Java Module System is your in-depth guide to creating and using Java modules. With detailed examples and easy-to-understand diagrams, you'll learn the anatomy of a modular Java application. Along the way, you'll master best practices for designing with modules, debugging your modular app, and deploying to production. What's inside The anatomy of a modular Java app Building modules from source to JAR Migrating to modular Java Decoupling dependencies and refining APIs Handling reflection and versioning Customizing runtime images Updated for Java 11 About the Reader Perfect for developers with some Java experience. About the Author Nicolai Parlog is a developer, author, speaker, and trainer. His home is codefx.org. Table of Contents

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PART 1 - Hello, modules First piece of the puzzle Anatomy of a modular application Defining modules and their properties Building modules from source to JAR Running and debugging modular applications PART 2 - Adapting real-world projects Compatibility challenges when moving to Java 9 or later Recurring challenges when running on Java 9 or later Incremental modularization of existing projects Migration and modularization strategies PART 3 - Advanced module system features Using services to decouple modules Refining dependencies and APIs Reflection in a modular world Module versions: What's possible and what's not Customizing runtime images with jlink Putting the pieces together

The Feminine Mystique - Betty Friedan 2001-09-17 Released for the first time in paperback, this landmark social and political volume on feminism is credited with being responsible for raising awareness, liberating both sexes, and triggering major

advances in the feminist movement. Reprint.

The Color Purple - Alice Walker 2011-09-20

Winner of the Pulitzer Prize and the National Book Award, this novel about a resilient and courageous woman has become a Broadway show and a cultural phenomenon. A PBS Great American Read Top 100 Pick Celie has grown up poor in rural Georgia, despised by the society around her and abused by her own family. She strives to protect her sister, Nettie, from a similar fate, and while Nettie escapes to a new life as a missionary in Africa, Celie is left behind without her best friend and confidante, married off to an older suitor, and sentenced to a life alone with a harsh and brutal husband. In an attempt to transcend a life that often seems too much to bear, Celie begins writing letters directly to God. The letters, spanning twenty years, record a journey of self-discovery and empowerment guided by the light of a few strong women. She meets Shug Avery, her

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husband's mistress and a jazz singer with a zest for life, and her stepson's wife, Sophia, who challenges her to fight for independence. And though the many letters from Celie's sister are hidden by her husband, Nettie's unwavering support will prove to be the most breathtaking of all. The Color Purple has sold more than five million copies, inspired an Academy Award-nominated film starring Oprah Winfrey and directed by Steven Spielberg, and been adapted into a Tony-nominated Broadway musical. Lauded as a literary masterpiece, this is the groundbreaking novel that placed Walker "in the company of Faulkner" (The Nation), and remains a wrenching—yet intensely uplifting—experience for new generations of readers. This ebook features a new introduction written by the author on the twenty-fifth anniversary of publication, and an illustrated biography of Alice Walker including rare photos from the author's personal collection. The Color Purple is the 1st book in the

Color Purple Collection, which also includes The Temple of My Familiar and Possessing the Secret of Joy.

Java Programming - Yakov Fain
2015-04-28

Quick and painless Java programming with expert multimedia instruction Java Programming 24-Hour Trainer, 2nd Edition is your complete beginner's guide to the Java programming language, with easy-to-follow lessons and supplemental exercises that help you get up and running quickly. Step-by-step instruction walks you through the basics of object-oriented programming, syntax, interfaces, and more, before building upon your skills to develop games, web apps, networks, and automations. This second edition has been updated to align with Java SE 8 and Java EE 7, and includes new information on GUI basics, lambda expressions, streaming API, WebSockets, and Gradle. Even if you have no programming experience at all, the more than six hours of Java programming screencasts will

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demonstrate major concepts and procedures in a way that facilitates learning and promotes a better understanding of the development process. This is your quick and painless guide to mastering Java, whether you're starting from scratch or just looking to expand your skill set. Master the building blocks that go into any Java project Make writing code easier with the Eclipse tools Learn to connect Java applications to databases Design and build graphical user interfaces and web applications Learn to develop GUIs with JavaFX If you want to start programming quickly, Java Programming 24-Hour Trainer, 2nd Edition is your ideal solution.

Grails in Action - Peter Ledbrook 2014-06-10 Summary *Grails in Action*, Second Edition is a comprehensive introduction to Grails 2 focused on making you super-productive fast. In this totally revised new edition, you'll master Grails 2.3 core skills as you apply TDD

techniques to developing a full-scale Twitter clone. Along the way you'll learn the latest single-page web app UI techniques, work with NoSQL backends, integrate with enterprise messaging, and implement a complete RESTful API for your services. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology It may be time for you to stop reconfiguring, rewriting, and recompiling your Java web apps. Grails, a Groovy-powered web framework, hides all that busy work so you can concentrate on what your applications do, not how they're built. In addition to its famously intuitive dev environment and seamless integration with Spring and Hibernate, the new Grails 2.3 adds improved REST support, better protection against attacks from the web, and better dependency resolution. About the Book *Grails in Action*, Second Edition is a comprehensive introduction to Grails 2. In this totally revised

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edition you'll master Grails as you apply TDD techniques to a full-scale example (a Twitter clone). Along the way you'll learn single-page web app techniques, work with NoSQL back ends, integrate with enterprise messaging, implement a RESTful API ... and more. No Java or Groovy knowledge is required. Some web development and OOP experience is helpful. What's Inside Covers Grails 2.3 from the ground up Agile delivery and testing using Spock How to use and manage plugins Tips and tricks from the trenches About the Authors There's no substitute for experience: Glen Smith and Peter Ledbrook have been fixtures in the Grails community, contributing code, blogging, and speaking at conferences worldwide, since Grails 0.2. Table of Contents PART 1 INTRODUCING GRAILS Grails in a hurry The Groovy essentials PART 2 CORE GRAILS Modeling the domain 63 Creating the initial UI Retrieving the data you need Controlling application flow Services and data binding

Developing tasty forms, views, and layouts PART 3 EVERYDAY GRAILS Building reliable applications Using plugins: just add water Protecting your application Exposing your app to other programs Single-page web applications (and other UI stuff) Understanding Spring and transactions PART 4 ADVANCED GRAILS Understanding events, messaging, and scheduling NoSQL and Grails Beyond compile, test, run Grails in the cloud BONUS ONLINE CHAPTERS Advanced GORM kung fu Developing plugins **Microservices Security in Action** - Wajjakkara Kankanamge Anthony Nuwan Dias 2020-07-11 "A complete guide to the challenges and solutions in securing microservices architectures." —Massimo Siani, FinDynamic Key Features Secure microservices infrastructure and code Monitoring, access control, and microservice-to-microservice communications Deploy securely using Kubernetes, Docker, and the Istio service

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mesh. Hands-on examples and exercises using Java and Spring Boot Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. *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. About The Book Design and implement security into your microservices from the start. *Microservices Security in Action* teaches you to assess and address security challenges at every level of a Microservices application, from APIs to infrastructure. You'll find effective solutions to common security problems, including throttling and monitoring, access control at the API gateway, and microservice-to-microservice communication. Detailed Java code samples, exercises, and real-world business use cases

ensure you can put what you've learned into action immediately. What You Will Learn 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 This Book Is Written For 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

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Kotlin in Action - Dmitry Jemerov 2017-02-03
Summary Kotlin in Action guides experienced Java developers from the language basics of Kotlin all the way through building applications to run on the JVM and Android devices. Foreword by Andrey Breslav, Lead Designer of Kotlin. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.
About the Technology Developers want to get work done - and the less hassle, the better. Coding with Kotlin

means less hassle. The Kotlin programming language offers an expressive syntax, a strong intuitive type system, and great tooling support along with seamless interoperability with existing Java code, libraries, and frameworks. Kotlin can be compiled to Java bytecode, so you can use it everywhere Java is used, including Android. And with an efficient compiler and a small standard library, Kotlin imposes virtually no runtime overhead. About the Book *Kotlin in Action* teaches you to use the Kotlin language for production-quality applications. Written for experienced Java developers, this example-rich book goes further than most language books, covering interesting topics like building DSLs with natural language syntax. The authors are core Kotlin developers, so you can trust that even the gnarly details are dead accurate. What's Inside Functional programming on the JVM Writing clean and idiomatic code Combining Kotlin and Java Domain-specific languages About the Reader This book is

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for experienced Java developers. About the Author Dmitry Jemerov and Svetlana Isakova are core Kotlin developers at JetBrains. Table of Contents PART 1 - INTRODUCING KOTLIN Kotlin: what and why Kotlin basics Defining and calling functions Classes, objects, and interfaces Programming with lambdas The Kotlin type system PART 2 - EMBRACING KOTLIN Operator overloading and other conventions Higher-order functions: lambdas as parameters and return values Generics Annotations and reflection DSL construction *Netty in Action* - Norman Maurer 2015-12-04 Summary *Netty in Action* introduces the Netty framework and shows you how to incorporate it into your Java network applications. You'll learn to write highly scalable applications without the need to dive into the low-level non-blocking APIs at the core of Java. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology Netty is a Java-based networking framework that manages complex networking, multithreading, and concurrency for your applications. And Netty hides the boilerplate and low-level code, keeping your business logic separate and easier to reuse. With Netty, you get an easy-to-use API, leaving you free to focus on what's unique to your application. About the Book *Netty in Action* introduces the Netty framework and shows you how to incorporate it into your Java network applications. You will discover how to write highly scalable applications without getting into low-level APIs. The book teaches you to think in an asynchronous way as you work through its many hands-on examples and helps you master the best practices of building large-scale network apps. What's Inside Netty from the ground up Asynchronous, event-driven programming Implementing services using different protocols Covers Netty 4.x About the Reader

This book assumes readers are comfortable with Java and basic network architecture. About the Authors Norman Maurer is a senior software engineer at Apple and a core developer of Netty. Marvin Wolfthal is a Dell Services consultant who has implemented mission-critical enterprise systems using Netty.

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Atmospheric Ammonia - Mark Sutton 2008-12-30 Anthropogenic emissions of

ammonia cause a host of environmental impacts, including loss of biodiversity, soil acidification and formation of particulate matter in the atmosphere. Under the auspices of the UNECE Convention on Long Range Transboundary Air Pollution, around 80 international experts met to review the state of scientific knowledge. This book reports their analysis. It concludes that threshold levels for ammonia effects have been underestimated and sets new values, it assesses the independent evidence to verify reported reductions in regional ammonia emissions, and it reviews the uncertainties in modelling ammonia, both in "hot spots" and at the regional scale.

Camel in Action - Claus Ibsen 2018-02-02

Summary Camel in Action, Second Edition is the most complete Camel book on the market. Written by core developers of Camel and the authors of the highly acclaimed first edition, this book distills their experience and practical

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insights so that you can tackle integration tasks like a pro. Forewords by James Strachan and Dr. Mark Little Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Apache Camel is a Java framework that implements enterprise integration patterns (EIPs) and comes with over 200 adapters to third-party systems. A concise DSL lets you build integration logic into your app with just a few lines of Java or XML. By using Camel, you benefit from the testing and experience of a large and vibrant open source community. About the Book Camel in Action, Second Edition is the definitive guide to the Camel framework. It starts with core concepts like sending, receiving, routing, and transforming data. It then goes in depth on many topics such as how to develop, debug, test, deal with errors, secure, scale, cluster, deploy, and monitor your Camel applications. The book also

discusses how to run Camel with microservices, reactive systems, containers, and in the cloud. What's Inside Coverage of all relevant EIPs Camel microservices with Spring Boot Camel on Docker and Kubernetes Error handling, testing, security, clustering, monitoring, and deployment Hundreds of examples in Java and XML About the Reader Readers should be familiar with Java. This book is accessible to beginners and invaluable to experts. About the Author Claus Ibsen is a senior principal engineer working for Red Hat specializing in cloud and integration. He has worked on Apache Camel for the last nine years where he heads the project. Claus lives in Denmark. Jonathan Anstey is an engineering manager at Red Hat and a core Camel contributor. He lives in Newfoundland, Canada. Table of Contents Part 1 - First steps Meeting Camel Routing with Camel Part 2 - Core Camel Transforming data with Camel Using beans with Camel

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chapters Available at
<https://www.manning.com/books/camel-in-action-second-edition>
and in electronic
versions of this book: Reactive
Camel Camel and the IoT by
Henryk Konsek

Hands-On Reactive

Programming with Reactor -

Rahul Sharma 2018-09-29

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

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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

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.

Vert.x in Action - Julien Ponge
2020-10-30

Vert.x in Action teaches you how to build production-quality reactive applications in Java. This book covers core Vert.x concepts, as well as the fundamentals of asynchronous and reactive programming. Learn to develop microservices by using Vert.x tools for database communications, persistent messaging, and test app resiliency. The patterns and techniques included here transfer to reactive technologies and frameworks beyond Vert.x. Summary

As enterprise applications become larger and more distributed, new architectural approaches like reactive designs, microservices, and event streams are required knowledge. The Vert.x framework provides a mature,

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rock-solid toolkit for building reactive applications using Java, Kotlin, or Scala. Vert.x in Action teaches you to build responsive, resilient, and scalable JVM applications with Vert.x using well-established reactive design patterns. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Vert.x is a collection of libraries for the Java virtual machine that simplify event-based and asynchronous programming. Vert.x applications handle tedious tasks like asynchronous communication, concurrent work, message and data persistence, plus they're easy to scale, modify, and maintain. Backed by the Eclipse Foundation and used by Red Hat and others, this toolkit supports code in a variety of languages. About the book Vert.x in Action teaches you how to build production-quality reactive applications in Java. This book covers core Vert.x concepts, as well as the fundamentals of asynchronous

and reactive programming. Learn to develop microservices by using Vert.x tools for database communications, persistent messaging, and test app resiliency. The patterns and techniques included here transfer to reactive technologies and frameworks beyond Vert.x. What's inside Building reactive services Responding to external service failures Horizontal scaling Vert.x toolkit architecture and Vert.x testing Deploying with Docker and Kubernetes About the reader For intermediate Java web developers. About the author Julien Ponge is a principal software engineer at Red Hat, working on the Eclipse Vert.x project. Table of Contents PART 1 - FUNDAMENTALS OF ASYNCHRONOUS PROGRAMMING WITH VERT.X 1 Vert.x, asynchronous programming, and reactive systems 2 Verticles: The basic processing units of Vert.x 3 Event bus: The backbone of a Vert.x application 4 Asynchronous data and event streams 5 Beyond callbacks 6

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Container-native Vert.x
Mastering Apache Pulsar -
Jowanza Joseph 2021-12-06
Every enterprise application
creates data, including log
messages, metrics, user
activity, and outgoing
messages. Learning how to
move these items is almost as
important as the data itself. If
you're an application architect,
developer, or production
engineer new to Apache Pulsar,
this practical guide shows you
how to use this open source
event streaming platform to
handle real-time data feeds.
Jowanza Joseph, staff software
engineer at Finicity, explains
how to deploy production
Pulsar clusters, write reliable

event streaming applications,
and build scalable real-time
data pipelines with this
platform. Through detailed
examples, you'll learn Pulsar's
design principles, reliability
guarantees, key APIs, and
architecture details, including
the replication protocol, the
load manager, and the storage
layer. This book helps you:
Understand how event
streaming fits in the big data
ecosystem Explore Pulsar
producers, consumers, and
readers for writing and reading
events Build scalable data
pipelines by connecting Pulsar
with external systems Simplify
event-streaming application
building with Pulsar Functions
Manage Pulsar to perform
monitoring, tuning, and
maintenance tasks Use Pulsar's
operational measurements to
secure a production cluster
Process event streams using
Flink and query event streams
using Presto

Backyard Starship - Terry
Maggert 2021-09-15

When Van Tudor returns to his
childhood home, he inherits
more than the family farm. His

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grandfather used to tell him fantastic stories of spacemen and monsters, princesses and galactic knights. Little did Van realize, the old man's tales were more than fiction. They were real. Hidden beneath the old barn, Van's legacy is waiting: a starship, not of this world. With his combat AI, an android bird named Perry, Van takes his first steps into the wider galaxy. He soon finds that space is far busier and more dangerous than he could have ever conceived. Destiny is calling. His grandfather's legacy awaits. Embark on the adventure of a lifetime with USA Today Bestselling Author J.N. Chaney and Terry Maggert in this brand new science fiction series. If you're a fan of found spaceships and galactic quests for glory, this might just be the story you've been waiting for.

Programming Concurrency on the JVM - Venkat

Subramaniam 2011-08-26

More than ever, learning to program concurrency is critical to creating faster, responsive applications. Speedy and

affordable multicore hardware is driving the demand for high-performing applications, and you can leverage the Java platform to bring these applications to life.

Concurrency on the Java platform has evolved, from the synchronization model of JDK to software transactional memory (STM) and actor-based concurrency. This book is the first to show you all these concurrency styles so you can compare and choose what works best for your applications. You'll learn the benefits of each of these models, when and how to use them, and what their limitations are. Through hands-on exercises, you'll learn how to avoid shared mutable state and how to write good, elegant, explicit synchronization-free programs so you can create easy and safe concurrent applications. The techniques you learn in this book will take you from dreading concurrency to mastering and enjoying it.

Best of all, you can work with Java or a JVM language of your choice - Clojure, JRuby, Groovy,

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or Scala - to reap the growing power of multicore hardware. If you are a Java programmer, you'd need JDK 1.5 or later and the Akka 1.0 library. In addition, if you program in Scala, Clojure, Groovy or JRuby you'd need the latest version of your preferred language. Groovy programmers will also need GPar.

The Bookshop Girl - Sylvia Bishop 2017-04-06

Property Jones loves living in a bookshop, but she's hiding a whopper of a secret... she can't actually read! When Property's family win The Montgomery Book Emporium in a surprise raffle, Property's life is turned upside down. But will her secret come out?

Marriage and Divorce in the Jewish State - Susan M. Weiss 2013

A comprehensive look at how rabbinical courts control Israeli marriage and divorce

Reactive Systems in Java - Clement Escoffier 2021-11-10

Reactive systems and event-driven architecture are becoming indispensable to application design, and

companies are taking note. Reactive systems ensure that applications are responsive, resilient, and elastic no matter what failures or errors may be occurring, while event-driven architecture offers a flexible and composable option for distributed systems. This practical book helps Java developers bring these approaches together using Quarkus 2.x, the Kubernetes-native Java framework.

Clement Escoffier and Ken Finnigan show you how to take advantage of event-driven and reactive principles to build robust distributed systems, reducing latency and increasing throughput, particularly in microservices and serverless applications. You'll also get a foundation in Quarkus to help you create true Kubernetes-native applications for the cloud.

Understand the fundamentals of reactive systems and event-driven architecture Learn how to use Quarkus to build reactive applications Combine Quarkus with Apache Kafka or AMQP to build reactive

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systems Develop microservices that utilize messages with Quarkus for use in event-driven architectures Learn how to integrate external messaging systems, such as Apache Kafka, with Quarkus Build applications with Quarkus using reactive systems and reactive programming concepts

How to Stop the Pain - James B. Richards 2001-12-01

We all experience pain! Every day millions of people live in a world of heartache. We're forced to smile and pretend that everything is all right. You've been wounded, and you just can't seem to heal. You try to get on with your life, but you just can't move on. You forgive, but you can't forget! Every day exhumes the pain you try to bury. It cripples your relationships with people, God, and life itself. It destroys your ability to pursue your dreams. This paradigm-shattering book will free you from the forces that would turn you into a victim. It will lead you step-by-step through a simple process that will free you from the pain

of the past and protect you from the pain of the future. Discover the emotional freedom that everyone wants but few experience Break the secret link to the pain of the past Identify the number one source of suffering Never be hurt by another insult Learn the only biblical way to prevent pain Free yourself from the need to judge others Experience freedom from criticism

The House on Mango Street - Sandra Cisneros 2013-04-30 NATIONAL BESTSELLER • A coming-of-age classic, acclaimed by critics, beloved by readers of all ages, taught in schools and universities alike, and translated around the world—from the winner of the 2019 PEN/Nabokov Award for Achievement in International Literature. The House on Mango Street is the remarkable story of Esperanza Cordero, a young Latina girl growing up in Chicago, inventing for herself who and what she will become. Told in a series of vignettes-sometimes heartbreaking, sometimes

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deeply joyous-Sandra Cisneros' masterpiece is a classic story of childhood and self-discovery. Few other books in our time have touched so many readers. "Cisneros draws on her rich [Latino] heritage ... and seduces with precise, spare prose, creat[ing] unforgettable characters we want to lift off the page. She is not only a gifted writer, but an absolutely essential one." —The New York Times Book Review

Microservice Architecture - Irakli Nadareishvili 2016-07-18
Have you heard about the tremendous success Amazon and Netflix have had by switching to a microservice architecture? Are you wondering how this can benefit your company? Or are you skeptical about how it might work? If you've answered yes to any of these questions, this practical book will benefit you. You'll learn how to take advantage of the microservice architectural style for building systems, and learn from the experiences of others to adopt and execute this approach most successfully.

Hands-On Reactive Programming in Spring 5 - Oleh Dokuka 2018-10-08
Explore the reactive system and create efficient microservices with Spring Boot 2.1 and Spring Cloud Key Features Understand the kind of system modern businesses require with Spring Gain deeper insights into reactive programming with Reactor and Spring Cloud Get in-depth knowledge on asynchronous and nonblocking communication with Spring 5 WebFlux Book Description
These days, businesses need a new type of system that can remain responsive at all times. This is achievable with reactive programming; however, the development of these kinds of systems is a complex task, requiring a deep understanding of the domain. In order to develop highly responsive systems, the developers of the Spring Framework came up with Project Reactor. Hands-On Reactive Programming in Spring 5 begins with the fundamentals of Spring Reactive programming. You'll

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explore the endless possibilities of building efficient reactive systems with the Spring 5 Framework along with other tools such as WebFlux and Spring Boot. Further on, you'll study reactive programming techniques and apply them to databases and cross-server communication. You will advance your skills in scaling up Spring Cloud Streams and run independent, high-performant reactive microservices. By the end of the book, you will be able to put your skills to use and get on board with the reactive revolution in Spring 5.1! What you will learn Discover the difference between a reactive system and reactive programming Explore the benefits of a reactive system and understand its applications Get to grips with using reactive programming in Spring 5 Gain an understanding of Project Reactor Build a reactive system using Spring 5 and Project Reactor Create a highly efficient reactive microservice with Spring Cloud Test,

monitor, and release reactive applications Who this book is for This book is for Java developers who use Spring to develop their applications and want to build robust and reactive applications that can scale in the cloud. Basic knowledge of distributed systems and asynchronous programming will help you understand the concepts covered in this book.

Modern Java in Action - Raoul-Gabriel Urma 2018-09-26

Summary Manning's bestselling Java 8 book has been revised for Java 9! In *Modern Java in Action*, you'll build on your existing Java language skills with the newest features and techniques.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Modern applications take advantage of innovative designs, including microservices, reactive architectures, and streaming data. Modern Java features like lambdas, streams, and the long-awaited Java Module

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System make implementing these designs significantly easier. It's time to upgrade your skills and meet these challenges head on! About the Book Modern Java in Action connects new features of the Java language with their practical applications. Using crystal-clear examples and careful attention to detail, this book respects your time. It will help you expand your existing knowledge of core Java as you master modern additions like the Streams API and the Java Module System, explore new approaches to concurrency, and learn how functional concepts can help you write code that's easier to read and maintain. What's inside Thoroughly revised edition of Manning's bestselling Java 8 in Action New features in Java 8, Java 9, and beyond Streaming data and reactive programming The Java Module System About the Reader Written for developers familiar with core Java features. About the Author Raoul-Gabriel Urma is CEO of Cambridge Spark. Mario Fusco is a senior software engineer at

Red Hat. Alan Mycroft is a University of Cambridge computer science professor; he cofounded the Raspberry Pi Foundation. Table of Contents PART 1 - FUNDAMENTALS Java 8, 9, 10, and 11: what's happening? Passing code with behavior parameterization Lambda expressions PART 2 - FUNCTIONAL-STYLE DATA PROCESSING WITH STREAMS Introducing streams Working with streams Collecting data with streams Parallel data processing and performance PART 3 - EFFECTIVE PROGRAMMING WITH STREAMS AND LAMBDA Collection API enhancements Refactoring, testing, and debugging Domain-specific languages using lambdas PART 4 - EVERYDAY JAVA Using Optional as a better alternative to null New Date and Time API Default methods The Java Module System PART 5 - ENHANCED JAVA CONCURRENCY Concepts behind CompletableFuture and reactive programming CompletableFuture: composable asynchronous

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Spring in Action - Craig Walls
2018-10-05

Summary Spring in Action, 5th Edition is the fully updated revision of Manning's bestselling Spring in Action. This new edition includes all Spring 5.0 updates, along with new examples on reactive programming, Spring WebFlux, and microservices. You'll also find the latest Spring best practices, including Spring Boot for application setup and configuration. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Spring Framework makes life easier for Java developers. New features in Spring 5 bring its productivity-

focused approach to microservices, reactive development, and other modern application designs. With Spring Boot now fully integrated, you can start even complex projects with minimal configuration code. And the upgraded WebFlux framework supports reactive apps right out of the box! About the Book Spring in Action, 5th Edition guides you through Spring's core features, explained in Craig Walls' famously clear style. You'll roll up your sleeves and build a secure database-backed web app step by step. Along the way, you'll explore reactive programming, microservices, service discovery, RESTful APIs, deployment, and expert best practices. Whether you're just discovering Spring or leveling up to Spring 5.0, this Manning classic is your ticket! What's inside Building reactive applications Spring MVC for web apps and RESTful web services Securing applications with Spring Security Covers Spring 5.0 Over 100,000 copies sold! About the Reader For

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intermediate Java developers. About the Author Craig Walls is a principal software engineer at Pivotal, a popular author, an enthusiastic supporter of Spring Framework, and a frequent conference speaker.

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Scalatra in Action - Ross

Baker 2016-05-04

Summary
Scalatra in Action introduces the Scalatra framework and the Sinatra model. It covers the framework in its entirety, starting with concepts like request routing, input handling, actions, and HTTP responses, then proceeds to more advanced topics, such as data access, handling heavy load, asynchronicity, securing applications, designing and documenting RESTful APIs, and real-time web

programming. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Scalatra is a lightweight Scala web framework similar to the popular Ruby-based Sinatra.

It's perfect for running real-time applications on multicore servers, and is a fast way to spin up web apps and build HTTP APIs for mobile, Backbone.js, and AngularJS apps. About the Book Scalatra in Action covers the Scalatra framework in its entirety, starting with concepts such as request routing, input

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handling, actions, and HTTP responses. For readers who don't already know Scala, the book introduces the Scala language and sbt, the Simple Build Tool. You'll learn how to use Scalatra's powerful templating engine, Scalate. It also covers advanced topics such as data access, handling heavy load, asynchronicity, securing your application, designing RESTful APIs, and real-time web programming. What's Inside Make clean templates using Scalate Integrate with libraries that supplement Scalatra Write tests using Specs2 Integrate Scalatra with databases About the Reader Readers should be familiar with the basics of HTTP, REST, and web applications. No experience with Scalatra, Sinatra, or Scala is required. About the Authors Dave Hrycyszyn is technical director for a London-based agency specializing in agile software design and development. Stefan Ollinger is an active Scalatra contributor. Ross A. Baker is a Senior Cloud Engineer, a Scalate commiter,

and organizer of the Indy Scala meetup. Table of Contents PART 1 INTRODUCTION TO SCALATRA Introduction A taste of Scalatra Routing Working with user input PART 2 COMMON DEVELOPMENT TASKS Handling JSON Handling files Server-side templating Testing Configuration, build, and deployment Working with a database PART 3 ADVANCED TOPICS Authentication Asynchronous programming Creating a RESTful JSON API with Swagger

Java Concurrency in Practice - Tim Peierls
2006-05-09

Threads are a fundamental part of the Java platform. As multicore processors become the norm, using concurrency effectively becomes essential for building high-performance applications. Java SE 5 and 6 are a huge step forward for the development of concurrent applications, with improvements to the Java Virtual Machine to support high-performance, highly scalable concurrent classes and

a rich set of new concurrency building blocks. In *Java Concurrency in Practice*, the creators of these new facilities explain not only how they work and how to use them, but also the motivation and design patterns behind them. However, developing, testing, and debugging multithreaded programs can still be very difficult; it is all too easy to create concurrent programs that appear to work, but fail when it matters most: in production, under heavy load. *Java Concurrency in Practice* arms readers with both the theoretical underpinnings and concrete techniques for building reliable, scalable, maintainable concurrent applications. Rather than simply offering an inventory of concurrency APIs and mechanisms, it provides design rules, patterns, and mental models that make it easier to build concurrent programs that are both correct and performant. This book covers: Basic concepts of concurrency and thread safety Techniques for building and composing

thread-safe classes Using the concurrency building blocks in `java.util.concurrent` Performance optimization dos and don'ts Testing concurrent programs Advanced topics such as atomic variables, nonblocking algorithms, and the Java Memory Model *Sbt in Action* - Joshua D. Suereth 2016

Optimizing Java - Benjamin J Evans 2018-04-17

Performance tuning is an experimental science, but that doesn't mean engineers should resort to guesswork and folklore to get the job done. Yet that's often the case. With this practical book, intermediate to advanced Java technologists working with complex technology stacks will learn how to tune Java applications for performance using a quantitative, verifiable approach. Most resources on performance tend to discuss the theory and internals of Java virtual machines, but this book focuses on the practicalities of performance tuning by examining a wide range of

aspects. There are no simple recipes, tips and tricks, or algorithms to learn. Performance tuning is a process of defining and determining desired outcomes. And it requires diligence. Learn how Java principles and technology make the best use of modern hardware and operating systems Explore several performance tests and common anti-patterns that can vex your team Understand the pitfalls of measuring Java performance numbers and the drawbacks of microbenchmarking Dive into JVM garbage collection logging, monitoring, tuning, and tools Explore JIT compilation and Java language performance techniques Learn performance aspects of the Java Collections API and get an overview of Java concurrency

SRE with Java Microservices
- Jonathan Schneider
2020-08-27

In a microservices architecture, the whole is indeed greater than the sum of its parts. But in practice, individual microservices can

inadvertently impact others and alter the end user experience. Effective microservices architectures require standardization on an organizational level with the help of a platform engineering team. This practical book provides a series of progressive steps that platform engineers can apply technically and organizationally to achieve highly resilient Java applications. Author Jonathan Schneider covers many effective SRE practices from companies leading the way in microservices adoption. You'll examine several patterns discovered through much trial and error in recent years, complete with Java code examples. Chapters are organized according to specific patterns, including: Application metrics: Monitoring for availability with Micrometer Debugging with observability: Logging and distributed tracing; failure injection testing Charting and alerting: Building effective charts; KPIs for Java microservices Safe multicloud delivery: Spinnaker,

deployment strategies, and automated canary analysis
Source code observability:
Dependency management, API utilization, and end-to-end asset inventory
Traffic management: Concurrency of systems; platform, gateway, and client-side load balancing

Fierce Attachments - Vivian Gornick 2005-09-14

In this deeply etched and haunting memoir, Vivian Gornick tells the story of her lifelong battle with her mother for independence. There have been numerous books about mother and daughter, but none has dealt with this closest of filial relations as directly or as ruthlessly. Gornick's groundbreaking book confronts what Edna O'Brien has called "the principal crux of female despair": the unacknowledged Oedipal nature of the mother-daughter bond. Born and raised in the Bronx, the daughter of "urban peasants," Gornick grows up in a household dominated by her intelligent but uneducated mother's romantic depression over the early death of her

husband. Next door lives Nettie, an attractive widow whose calculating sensuality appeals greatly to Vivian. These women with their opposing models of femininity continue, well into adulthood, to affect Gornick's struggle to find herself in love and in work. As Gornick walks with her aged mother through the streets of New York, arguing and remembering the past, each wins the reader's admiration: the caustic and clear-thinking daughter, for her courage and tenacity in really talking to her mother about the most basic issues of their lives, and the still powerful and intuitively-wise old woman, who again and again proves herself her daughter's mother. Unsparring, deeply courageous, **Fierce Attachments** is one of the most remarkable documents of family feeling that has been written, a classic that helped start the memoir boom and remains one of the most moving examples of the genre.

Stormy Affair - Netty Ejike 2013-03-03

Is she going to be his

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undoing? Their love life was wonderful and intense. Magical. But while billionaire Miles Sanderson believed in pleasures with no strings attached, naïve Brooke Wilde believed in love, marriage, and children. Though so different, they were inexplicably drawn to each other from the beginning. But when Miles broke his cardinal rule by falling in love, he realized it was time to end the relationship. Only he had no idea just how much that would cost him...

Reactive Programming with RxJava - Tomasz Nurkiewicz
2016-10-06

In today's app-driven era, when programs are asynchronous and responsiveness is so vital, reactive programming can help you write code that's more reliable, easier to scale, and better-performing. With this practical book, Java developers will first learn how to view problems in the reactive way, and then build programs that leverage the best features of this exciting new programming paradigm. Authors Tomasz

Nurkiewicz and Ben Christensen include concrete examples that use the RxJava library to solve real-world performance issues on Android devices as well as the server. You'll learn how RxJava leverages parallelism and concurrency to help you solve today's problems. This book also provides a preview of the upcoming 2.0 release. Write programs that react to multiple asynchronous sources of input without descending into "callback hell" Get to that aha! moment when you understand how to solve problems in the reactive way Cope with Observables that produce data too quickly to be consumed Explore strategies to debug and to test programs written in the reactive style Efficiently exploit parallelism and concurrency in your programs Learn about the transition to RxJava version 2

Vert.x in Action - Julien Ponge
2020-12-01

Vert.x in Action teaches you how to build production-quality reactive applications in Java. This book covers core Vert.x

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concepts, as well as the fundamentals of asynchronous and reactive programming. Learn to develop microservices by using Vert.x tools for database communications, persistent messaging, and test app resiliency. The patterns and techniques included here transfer to reactive technologies and frameworks beyond Vert.x. Summary As enterprise applications become larger and more distributed, new architectural approaches like reactive designs, microservices, and event streams are required knowledge. The Vert.x framework provides a mature, rock-solid toolkit for building reactive applications using Java, Kotlin, or Scala. Vert.x in Action teaches you to build responsive, resilient, and scalable JVM applications with Vert.x using well-established reactive design patterns. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Vert.x is a collection of libraries for the

Java virtual machine that simplify event-based and asynchronous programming. Vert.x applications handle tedious tasks like asynchronous communication, concurrent work, message and data persistence, plus they're easy to scale, modify, and maintain. Backed by the Eclipse Foundation and used by Red Hat and others, this toolkit supports code in a variety of languages. About the book Vert.x in Action teaches you how to build production-quality reactive applications in Java. This book covers core Vert.x concepts, as well as the fundamentals of asynchronous and reactive programming. Learn to develop microservices by using Vert.x tools for database communications, persistent messaging, and test app resiliency. The patterns and techniques included here transfer to reactive technologies and frameworks beyond Vert.x. What's inside Building reactive services Responding to external service failures Horizontal scaling Vert.x toolkit architecture and

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Vert.x testing Deploying with Docker and Kubernetes About the reader For intermediate Java web developers. About the author Julien Ponge is a principal software engineer at Red Hat, working on the Eclipse Vert.x project. Table of Contents PART 1 - FUNDAMENTALS OF ASYNCHRONOUS PROGRAMMING WITH VERT.X 1 Vert.x, asynchronous programming, and reactive systems 2 Verticles: The basic processing units of Vert.x 3 Event bus: The backbone of a Vert.x application 4 Asynchronous data and event streams 5 Beyond callbacks 6 Beyond the event bus PART 2 - DEVELOPING REACTIVE SERVICES WITH VERT.X 7 Designing a reactive application 8 The web stack 9 Messaging and event streaming with Vert.x 10 Persistent state management with databases 11 End-to-end real-time reactive event processing 12 Toward responsiveness with load and chaos testing 13 Final notes: Container-native Vert.x

HTTP/2 in Action - Barry Pollard 2019-03-06
Summary HTTP/2 in Action is a complete guide to HTTP/2, one of the core protocols of the web. Because HTTP/2 has been designed to be easy to transition to, including keeping it backwards compatible, adoption is rapid and expected to increase over the next few years. Concentrating on practical matters, this interesting book presents key HTTP/2 concepts such as frames, streams, and multiplexing and explores how they affect the performance and behavior of your websites. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology HTTP—Hypertext Transfer Protocol—is the standard for exchanging messages between websites and browsers. And after 20 years, it's gotten a much-needed upgrade. With support for streams, server push, header compression, and prioritization, HTTP/2 delivers vast improvements in speed,

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security, and efficiency. About the Book HTTP/2 in Action teaches you everything you need to know to use HTTP/2 effectively. You'll learn how to optimize web performance with new features like frames, multiplexing, and push. You'll also explore real-world examples on advanced topics like flow control and dependencies. With ready-to-implement tips and best practices, this practical guide is sure to get you—and your websites—up to speed! What's Inside HTTP/2 for web developers Upgrading and troubleshooting Real-world examples and case studies QUIC and HTTP/3 About the Reader Written for web developers and site administrators. About the Authors Barry Pollard is a professional developer with two decades of experience developing, supporting, and tuning software and infrastructure. Table of Contents PART 1 MOVING TO HTTP/2 Web technologies and HTTP The road to HTTP/2 Upgrading to HTTP/2 PART 2

USING HTTP/2 HTTP/2 protocol basics Implementing HTTP/2 push Optimizing for HTTP/2 PART 3 ADVANCED HTTP/2 Advanced HTTP/2 concepts HPACK header compression PART 4 THE FUTURE OF HTTP TCP, QUIC, and HTTP/3 Where HTTP goes from here

Distributed Tracing in Practice

- Austin Parker 2020-04-13

Most applications today are distributed in some fashion. Monitoring the health and performance of these distributed architectures requires a new approach. Enter distributed tracing, a method of profiling and monitoring applications—especially those that use microservice architectures. There's just one problem: distributed tracing can be hard. But it doesn't have to be. With this practical guide, you'll learn what distributed tracing is and how to use it to understand the performance and operation of your software. Key players at Lightstep walk you through instrumenting your code for tracing, collecting the data that

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your instrumentation produces, and turning it into useful, operational insights. If you want to start implementing distributed tracing, this book tells you what you need to know. You'll learn: The pieces of a distributed tracing deployment: Instrumentation, data collection, and delivering value Best practices for instrumentation (the methods for generating trace data from your service) How to deal with or avoid overhead, costs, and sampling How to work with spans (the building blocks of request-based distributed traces) and choose span characteristics that lead to valuable traces Where distributed tracing is headed in the future

Streaming Data - Andrew

Psaltis 2017-05-31

Summary Streaming Data introduces the concepts and requirements of streaming and real-time data systems. The book is an idea-rich tutorial that teaches you to think about how to efficiently interact with fast-flowing data. Purchase of the print book includes a free

eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology As humans, we're constantly filtering and deciphering the information streaming toward us. In the same way, streaming data applications can accomplish amazing tasks like reading live location data to recommend nearby services, tracking faults with machinery in real time, and sending digital receipts before your customers leave the shop. Recent advances in streaming data technology and techniques make it possible for any developer to build these applications if they have the right mindset. This book will let you join them. About the Book Streaming Data is an idea-rich tutorial that teaches you to think about efficiently interacting with fast-flowing data. Through relevant examples and illustrated use cases, you'll explore designs for applications that read, analyze, share, and store streaming data. Along the way, you'll discover the roles of key technologies like Spark, Storm,

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Kafka, Flink, RabbitMQ, and more. This book offers the perfect balance between big-picture thinking and implementation details. What's Inside The right way to collect real-time data Architecting a streaming pipeline Analyzing the data Which technologies to use and when About the Reader Written for developers familiar with relational database concepts. No experience with streaming or real-time applications required. About the Author Andrew Psaltis is a software engineer focused on massively scalable real-time analytics. Table of Contents PART 1 - A NEW HOLISTIC APPROACH Introducing streaming data Getting data from clients: data ingestion Transporting the data from collection tier: decoupling the data pipeline Analyzing streaming data Algorithms for data analysis Storing the analyzed or collected data Making the data available Consumer device capabilities and limitations accessing the data PART 2 - TAKING IT REAL WORLD Analyzing Meetup

RSVPs in real time

Java Persistence with

Hibernate - Gary Gregory

2015-10-27

Summary Java Persistence with Hibernate, Second Edition

explores Hibernate by developing an application that ties together hundreds of individual examples. In this revised edition, authors Christian Bauer, Gavin King, and Gary Gregory cover Hibernate 5 in detail with the Java Persistence 2.1 standard (JSR 338). All examples have been updated for the latest Hibernate and Java EE specification versions. About the Technology Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. Persistence—the ability of data to outlive an instance of a program—is central to modern applications. Hibernate, the most popular Java persistence tool, offers automatic and transparent object/relational mapping, making it a snap to work with SQL databases in Java applications. About the Book

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Java Persistence with
Hibernate, Second Edition
explores Hibernate by
developing an application that
ties together hundreds of
individual examples. You'll
immediately dig into the rich
programming model of
Hibernate, working through
mappings, queries, fetching
strategies, transactions,
conversations, caching, and
more. Along the way you'll find
a well-illustrated discussion of
best practices in database
design and optimization
techniques. In this revised
edition, authors Christian
Bauer, Gavin King, and Gary
Gregory cover Hibernate 5 in
detail with the Java Persistence
2.1 standard (JSR 338). All
examples have been updated
for the latest Hibernate and
Java EE specification versions.
What's Inside Object/relational
mapping concepts Efficient
database application design
Comprehensive Hibernate and
Java Persistence reference
Integration of Java Persistence
with EJB, CDI, JSF, and JAX-RS
* Unmatched breadth and
depth About the Reader The

book assumes a working
knowledge of Java. About the
Authors Christian Bauer is a
member of the Hibernate
developer team and a trainer
and consultant. Gavin King is
the founder of the Hibernate
project and a member of the
Java Persistence expert group
(JSR 220). Gary Gregory is a
principal software engineer
working on application servers
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