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Spring Security in Action *Manning Publications* Spring Security in Action shows you how to prevent cross-site scripting and request forgery attacks before they do damage. You'll start with the basics, simulating password upgrades and adding multiple types of authorization. As your skills grow, you'll adapt Spring Security to new architectures and create advanced OAuth2 configurations. By the time you're done, you'll have a customized Spring Security configuration that protects against threats both common and extraordinary. Summary While creating secure applications is critically important, it can also be tedious and time-consuming to stitch together the required collection of tools. For Java developers, the powerful Spring Security framework makes it easy for you to bake security into your software from the very beginning. Filled with code samples and practical examples, Spring Security in Action teaches you how to secure your apps from the most common threats, ranging from injection attacks to lackluster monitoring. In it, you'll learn how to manage system users, configure secure endpoints, and use OAuth2 and OpenID Connect for authentication and authorization. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Security is non-negotiable. You rely on Spring applications to transmit data, verify credentials, and prevent attacks. Adopting "secure by design" principles will protect your network from data theft and unauthorized intrusions. About the book Spring Security in Action shows you how to prevent cross-site scripting and request forgery attacks before they do damage. You'll start with the basics, simulating password upgrades and adding multiple types of authorization. As your skills grow, you'll adapt Spring Security

to new architectures and create advanced OAuth2 configurations. By the time you're done, you'll have a customized Spring Security configuration that protects against threats both common and extraordinary. What's inside Encoding passwords and authenticating users Securing endpoints Automating security testing Setting up a standalone authorization server About the reader For experienced Java and Spring developers. About the author Laurentiu Spilca is a dedicated development lead and trainer at Endava, with over ten years of Java experience. Table of Contents PART 1 - FIRST STEPS 1 Security Today 2 Hello Spring Security PART 2 - IMPLEMENTATION 3 Managing users 4 Dealing with passwords 5 Implementing authentication 6 Hands-on: A small secured web application 7 Configuring authorization: Restricting access 8 Configuring authorization: Applying restrictions 9 Implementing filters 10 Applying CSRF protection and CORS 11 Hands-on: A separation of responsibilities 12 How does OAuth 2 work? 13 OAuth 2: Implementing the authorization server 14 OAuth 2: Implementing the resource server 15 OAuth 2: Using JWT and cryptographic signatures 16 Global method security: Pre- and postauthorizations 17 Global method security: Pre- and postfiltering 18 Hands-on: An OAuth 2 application 19 Spring Security for reactive apps 20 Spring Security testing **Spring: Developing Java Applications for the Enterprise** *Packt Publishing Ltd* Leverage the power of Spring MVC, Spring Boot, Spring Cloud, and additional popular web frameworks. About This Book Discover key Spring Framework-related technology standards such as Spring core, Spring-AOP, Spring data access frameworks, and Spring testing to develop robust Java applications easily This course is packed with tips and tricks that demonstrate Industry best practices on developing a Spring-MVC-based application Learn how to efficiently build and implement microservices in Spring, and how to use Docker and Mesos to push the boundaries and explore new possibilities Who This Book Is For This course is intended for Java developers interested in building enterprise-level applications with Spring Framework. Prior knowledge of Java programming and web development concepts (and a basic knowledge of XML) is expected. What You Will Learn Understand the architecture of Spring Framework and how to set up the key components of the Spring Application Development Environment Configure Spring Container and manage Spring beans using XML and Annotation Practice Spring AOP concepts such as Aspect, Advice, Pointcut, and Introduction Integrate bean validation and custom validation Use error handling and exception resolving Get to grips with REST-based web service development and Ajax Use Spring Boot to develop microservices Find out how to avoid common pitfalls when developing microservices Get familiar with end-to-end microservices written in Spring Framework and Spring Boot In Detail This carefully designed course aims to get you started with Spring, the most widely adopted Java framework, and then goes on to more advanced topics such as building microservices using Spring Boot within Spring. With additional coverage of popular web frameworks such as Struts, WebWork, Java Server Faces, Tapestry, Docker, and Mesos, you'll have all the skills and expertise you need to build great applications. Starting with the Spring Framework architecture and setting up the key components of the Spring Application Development Environment, you will learn how to configure Spring Container and manage Spring beans using XML and Annotation. Next, you will delve into Spring MVC, which will help you build flexible and loosely coupled web applications. You'll also get to grips

with testing applications for reliability. Moving on, this course will help you implement the microservice architecture in Spring Framework, Spring Boot, and Spring Cloud. Written to the latest specifications of Spring, this book will help you build modern, Internet-scale Java applications in no time. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Learning Spring Application Development by Ravi Kant Soni Spring MVC Beginner's Guide - Second Edition by Amuthan Ganeshan Spring Microservices by Rajesh RV Style and approach This is a step-by-step guide for building a complete application and developing scalable microservices using Spring Framework, Spring Boot, and a set of Spring Cloud components **Design Patterns Elements of Reusable Object-Oriented Software** *Pearson Deutschland GmbH* Software -- Software Engineering. **Reactive Spring** Microservices and big-data increasingly confront us with the limitations of traditional input/output. In traditional IO, work that is IO-bound dominates threads. This wouldn't be such a big deal if we could add more threads cheaply, but threads are expensive on the JVM, and most other platforms. Even if threads were cheap and infinitely scalable, we'd still be confronted with the faulty nature of networks. Things break, and they often do so in subtle, but non-exceptional ways. Traditional approaches to integration bury the faulty nature of networks behind overly simplifying abstractions. We need something better.Join Spring Developer Advocate Josh Long for an introduction to reactive programming in the Spring ecosystem, leveraging the reactive streams specification, Reactor, Spring Boot, Spring Cloud and so much more.This book will cover important concepts in reactive programming including project Reactor and the reactive streams specification, data access, web programming, RPC with protocols like RSocket, testing, and integration and composition, and more. **Spring in Action** *Simon and Schuster* 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 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. Table of Contents PART 1 - FOUNDATIONAL SPRING Getting started with Spring Developing web applications Working with data Securing Spring Working with configuration properties PART 2 - INTEGRATED SPRING Creating REST services Consuming REST services Sending messages asynchronously Integrating Spring PART 3 - REACTIVE SPRING Introducing Reactor Developing reactive APIs Persisting data reactively PART 4 CLOUD-NATIVE SPRING Discovering services Managing configuration Handling failure and latency PART 5 - DEPLOYED SPRING Working with Spring Boot Actuator Administering Spring Monitoring Spring with JMX Deploying Spring **Spring Boot in Action** *Simon and Schuster* Summary A developer-focused guide to writing applications using Spring Boot. You'll learn how to bypass the tedious configuration steps so that you can concentrate on your application's behavior. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The Spring Framework simplifies enterprise Java development, but it does require lots of tedious configuration work. Spring Boot radically streamlines spinning up a Spring application. You get automatic configuration and a model with established conventions for build-time and runtime dependencies. You also get a handy command-line interface you can use to write scripts in Groovy. Developers who use Spring Boot often say that they can't imagine going back to hand configuring their applications. About the Book Spring Boot in Action is a developer-focused guide to writing applications using Spring Boot. In it, you'll learn how to bypass configuration steps so you can focus on your application's behavior. Spring expert Craig Walls uses interesting and practical examples to teach you both how to use the default settings effectively and how to override and customize Spring Boot for your unique environment. Along the way, you'll pick up insights from Craig's years of Spring development experience. What's Inside Develop Spring apps more efficiently Minimal to no configuration Runtime metrics with the Actuator Covers Spring Boot 1.3 About the Reader Written for readers familiar with the Spring Framework. About the Author Craig Walls is a software developer, author of the popular book Spring in Action, Fourth Edition, and a frequent speaker at conferences. Table of Contents Bootstarting Spring Developing your first Spring Boot application Customizing configuration Testing with Spring Boot Getting Groovy with the Spring Boot CLI Applying Grails in Spring Boot Taking a peek inside with the Actuator Deploying Spring Boot applications APPENDIXES Spring Boot developer tools Spring Boot starters Configuration properties Spring Boot dependencies **Spring MVC: Beginner's Guide** *Packt Publishing Ltd* Unleash the power of the latest Spring MVC 4.x to develop a complete application About This Book Work through carefully crafted exercises with detailed explanations for each step will help you understand the concepts with ease You will gain a clear understanding of the end-to-end request/response life cycle, and each logical component's responsibility This book is packed with tips and tricks that demonstrate industry best practices on developing a Spring-MVC-based application Who This Book Is For The book is for Java developers who want to exploit Spring MVC and its features to build web applications. Some familiarity with basic servlet programming concepts would be a plus, but is not a prerequisite. What You Will Learn Familiarize yourself with the anatomy of the Spring 4.X development environment Understand web application architecture and the Spring MVC request flow Integrate bean

validation and custom validation Use error handling and exception resolving Get to grips with REST-based web service development and Ajax Test your web application In Detail Spring MVC helps you build flexible and loosely coupled web applications. The Spring MVC Framework is architected and designed in such a way that every piece of logic and functionality is highly configurable. Also, Spring can integrate effortlessly with other popular web frameworks such as Struts, WebWork, Java Server Faces, and Tapestry. The book progressively teaches you to configure the Spring development environment, architecture, controllers, libraries, and more before moving on to developing a full web application. It begins with an introduction to the Spring development environment and architecture so you're familiar with the know-hows. From here, we move on to controllers, views, validations, Spring Tag libraries, and more. Finally, we integrate it all together to develop a web application. You'll also get to grips with testing applications for reliability. Style and approach This book takes a pragmatic step-by-step approach to web application development using Spring MVC, with informative screenshots and concise explanation. **Spring Roo in Action** *Simon and Schuster* Summary Spring Roo in Action is a unique book that teaches you how to code Java in Roo, with a particular focus on Spring-based applications. Through hands-on examples, you'll learn how Roo creates well-formed application structures and supports best practices and tools. Plus, you'll get a quick-and-dirty guide to setting up Roo effectively in your environment. About the Technology Roo is a lightweight Java console shell that simplifies compile-time tasks. It improves productivity by enforcing correct coding practices and patterns and integrates with mainstream Java technologies, including ActiveMQ, GWT, JPA, and OSGi. And, when you finish coding, it gets out of the way so there's no runtime impact. About the Book Spring Roo in Action teaches you to code Java more efficiently using Roo. With the help of many examples, it shows you how to build application components from the database layer to the user interface. The book takes a test-first approach and points out how Roo can help automate many of the mundane details of coding Java apps. Along the way, you'll address important topics like security, messaging, and cloud computing. This book is for Java developers who want to get more productive by using Roo. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Learn Roo from the ground up Integrate with existing projects Create custom add-ons Use Roo with Spring == Table of Contents PART 1 STARTING SPRING APPS RAPIDLY WITH ROO What is Spring Roo? Getting started with Roo PART 2 DATABASES AND ENTITIES Database persistence with entities Relationships, JPA, and advanced persistence PART 3 WEB DEVELOPMENT Rapid web applications with Roo Advanced web applications RIA and other web frameworks Configuring security PART 4 INTEGRATION Testing your application Enterprise services—email and messaging Roo add-ons Advanced add-ons and deployment PART 5 ROO IN THE CLOUD Cloud computing Workflow applications using Spring Integration **The Graceful Guru Hindu Female Gurus in India and the United States** *Oxford University Press on Demand* A distinctive aspect of Hindu devotion is the veneration of a human guru, who is not only an exemplar and a teacher but is also understood to be an embodiment of the divine. Historically, the role of guru in the public domain has been

exclusive to men. The new visibility of female gurus in India and the U.S. today, and indeed across the globe, has inspired this first-ever scholarly study of the origins, variety, and worldwide popularity of Hindu female gurus. In the Introduction, Karen Pechilis examines the historical emergence of Hindu female gurus with reference to the Hindu philosophy of the self, women spiritual exemplars as wives and saints, Tantric worship of the Goddess, and the internationalization of gurus in the U.S. in the twentieth century. Nine essays profile specific female gurus, presenting biographies of these remarkable women while highlighting overarching issues and themes concerning women's status as religious leaders; these themes are nuanced in the afterword to the volume. The essays explore how Hindu female gurus embody grace in both senses--as a feminine ideal and an attribute of the divine-and argue that their status as leaders is grounded in their negotiation of these two types of grace. This book provides biographical profiles of the following female gurus plus sensitive scholarly analysis of their spiritual paths: Ammachi, Anandamayi Ma, Gauri Ma, Gurumayi, Jayashri Ma, Karunamayi Ma, Ma Jaya Sati Bhagavati, Mother Meera, Shree Maa and Sita Devi. **Spring Data Standard Guide** *Packt Publishing Ltd* Implement JPA repositories and harness the performance of Redis in your applications. **Expert One-on-One J2EE Design and Development** *John Wiley & Sons* What is this book about? The results of using J2EE in practice are often disappointing: applications are often slow, unduly complex, and take too long to develop. Rod Johnson believes that the problem lies not in J2EE itself, but in that it is often used badly. Many J2EE publications advocate approaches that, while fine in theory, often fail in reality, or deliver no real business value. Expert One-on-One: J2EE Design and Development aims to demystify J2EE development. Using a practical focus, it shows how to use J2EE technologies to reduce, rather than increase, complexity. Rod draws on his experience of designing successful high-volume J2EE applications and salvaging failing projects, as well as intimate knowledge of the J2EE specifications, to offer a real-world, how-to guide on how you too can make J2EE work in practice. It will help you to solve common problems with J2EE and avoid the expensive mistakes often made in J2EE projects. It will guide you through the complexity of the J2EE services and APIs to enable you to build the simplest possible solution, on time and on budget. Rod takes a practical, pragmatic approach, questioning J2EE orthodoxy where it has failed to deliver results in practice and instead suggesting effective, proven approaches. What does this book cover? In this book, you will learn When to use a distributed architecture When and how to use EJB How to develop an efficient data access strategy How to design a clean and maintainable web interface How to design J2EE applications for performance Who is this book for? This book would be of value to most enterprise developers. Although some of the discussion (for example, on performance and scalability) would be most relevant to architects and lead developers, the practical focus would make it useful to anyone with some familiarity with J2EE. Because of the complete design-deployment coverage, a less advanced developer could work through the book along with a more introductory text, and successfully build and understand the sample application. This comprehensive coverage would also be useful to developers in smaller organisations, who might be called upon to fill several normally distinct roles. What is special about this book? Wondering what differentiates this book from others like it

in the market? Take a look: It does not just discuss technology, but stress its practical application. The book is driven from the need to solve common tasks, rather than by the elements of J2EE. It discuss risks in J2EE development It takes the reader through the entire design, development and build process of a non-trivial application. This wouldn't be compressed into one or two chapters, like the Java Pet Store, but would be a realistic example comparable to the complexity of applications readers would need to build. At each point in the design, alternative choices would be discussed. This would be important both where there's a real problem with the obvious alternative, and where the obvious alternatives are perhaps equally valid. It emphasizes the use of OO design and design patterns in J2EE, without becoming a theoretical book **Apache Maven Beginner to Guru** Master Apache Maven to Build and Deploy your Java and Spring Boot Applications About This Video Develop and deploy Java and Spring Boot applications using Apache Maven Learn to configure Apache Maven plugins for real-world use cases In Detail Apache Maven is the most popular Java build tool. Companies and open source communities around the world consider Apache Maven the 'go-to' build tool for their Java projects. Apache Maven is the most popular Java build tool. Companies and open source communities around the world consider Apache Maven the 'go-to' build tool for their Java projects. In this course, you will gain comprehensive insights into Apache Maven for building and deploying your apps. You'll explore Maven build lifecycles, before going on to understanding how to use Maven to build and package Java projects. The course will then demonstrate how to use Maven with popular alternative JVM languages including Groovy, Kotlin, and Scala. Next, you will configure Maven to run your unit and integration tests written in JUnit 3, JUnit 4, JUnit 5, TestNG, and Spock. You will then delve into generating source code from XML and JSON schemas. In addition to this, the course will get you started with leveraging annotation processing at compile time for Project Lombok and Mapstruct. The course will help you further build on your knowledge with insights into the Apache Maven plugin system, along with guiding you through how plugins are used in the build lifecycle. From building Spring Boot apps, and improving code quality with code coverage and spot bug reports, through to unlocking the capabilities of the Spring Boot Maven plugins, this course helps you learn efficiently at your own pace. Finally, you'll be able to deploy project artifacts to Maven repositories, and later develop multi-module Maven projects. By the end of this course, you will have comprehensive knowledge of Apache Maven, along with the skills to use it for developing and deploying robust applications. Downloading the example code for this course: You can download the example code files for this course on GitHub at the following link: https://github.com/PacktPublishing/Apache-Maven-Beginner-to-Guru . If you require support please email: customercare@packt.com. **Pro Git** *Apress* Pro Git (Second Edition) is your fully-updated guide to Git and its usage in the modern world. Git has come a long way since it was first developed by Linus Torvalds for Linux kernel development. It has taken the open source world by storm since its inception in 2005, and this book teaches you how to use it like a pro. Effective and well-implemented version control is a necessity for successful web projects, whether large or small. With this book you'll learn how to master the world of distributed version workflow, use the distributed features of Git to the full, and extend Git to meet your every need. Written by Git

pros Scott Chacon and Ben Straub, Pro Git (Second Edition) builds on the hugely successful first edition, and is now fully updated for Git version 2.0, as well as including an indispensable chapter on GitHub. It's the best book for all your Git needs. **Twitter and Tear Gas The Power and Fragility of Networked Protest** *Yale University Press* A firsthand account and incisive analysis of modern protest, revealing internet-fueled social movements' greatest strengths and frequent challenges To understand a thwarted Turkish coup, an anti–Wall Street encampment, and a packed Tahrir Square, we must first comprehend the power and the weaknesses of using new technologies to mobilize large numbers of people. An incisive observer, writer, and participant in today's social movements, Zeynep Tufekci explains in this accessible and compelling book the nuanced trajectories of modern protests—how they form, how they operate differently from past protests, and why they have difficulty persisting in their long-term quests for change. Tufekci speaks from direct experience, combining on-the-ground interviews with insightful analysis. She describes how the internet helped the Zapatista uprisings in Mexico, the necessity of remote Twitter users to organize medical supplies during Arab Spring, the refusal to use bullhorns in the Occupy Movement that started in New York, and the empowering effect of tear gas in Istanbul's Gezi Park. These details from life inside social movements complete a moving investigation of authority, technology, and culture—and offer essential insights into the future of governance. **Spring Boot: Up and Running** *O'Reilly Media* With over 75 million downloads per month, Spring Boot is the most widely used Java framework available. Its ease and power have revolutionized application development from monoliths to microservices. Yet Spring Boot's simplicity can also be confounding. How do developers learn enough to be productive immediately? This practical book shows you how to use this framework to write successful mission-critical applications. Mark Heckler from VMware, the company behind Spring, guides you through Spring Boot's architecture and approach, covering topics such as debugging, testing, and deployment. If you want to develop cloud native Java or Kotlin applications with Spring Boot rapidly and effectively--using reactive programming, building APIs, and creating database access of all kinds--this book is for you. Learn how Spring Boot simplifies cloud native application development and deployment Build reactive applications and extend communication across the network boundary to create distributed systems Understand how Spring Boot's architecture and approach increase developer productivity and application portability Deploy Spring Boot applications for production workloads rapidly and reliably Monitor application and system health for optimal performance and reliability Debug, test, and secure cloud-based applications painlessly **Grow in the Dark How to Choose and Care for Low-Light Houseplants** *Cool Springs Press* Grow in the Dark puts the spotlight on 50 of the best houseplants you can grow in your dim or dark apartment. Author Lisa Eldred-Steinkopf, known as the Houseplant Guru, shares the knowledge she's gained tending to her own personal jungle of over 1,000 houseplants. Having a south-facing window doesn't always guarantee you the best light to grow plants—especially if your window faces an alley or a tree-lined street. What's the point of growing an urban jungle if tall buildings are blocking all your sunshine? This compact guide, designed to look as good on your shelf as it is useful, will help you learn how to make the most of your light so you can reap the physical and

emotional benefits of living with plants. Detailed profiles include tips on watering your plants just right, properly potting them, and troubleshooting pests and diseases. You'll also learn which plants are safe to keep around your pets. Whether you live in a shady top-floor apartment or a dungeon-y garden level, this book will help you grow your plant collection to its healthiest for its Instagram debut. **Spring Recipes A Problem-Solution Approach** *Apress* The Spring framework is growing. It has always been about choice. Java EE focused on a few technologies, largely to the detriment of alternative, better solutions. When the Spring framework debuted, few would have agreed that Java EE represented the best-in-breed architectures of the day. Spring debuted to great fanfare, because it sought to simplify Java EE. Each release since marks the introduction of new features designed to both simplify and enable solutions. With version 2.0 and later, the Spring framework started targeting multiple platforms. The framework provided services on top of existing platforms, as always, but was decoupled from the underlying platform wherever possible. Java EE is a still a major reference point, but it's not the only target. OSGi (a promising technology for modular architectures) has been a big part of the SpringSource strategy here. Additionally, the Spring framework runs on Google App Engine. With the introduction of annotation-centric frameworks and XML schemas, SpringSource has built frameworks that effectively model the domain of a specific problem, in effect creating domain-specific languages (DSLs). Frameworks built on top of the Spring framework have emerged supporting application integration, batch processing, Flex and Flash integration, GWT, OSGi, and much more. **Mastering Software Testing with JUnit 5 Comprehensive guide to develop high quality Java applications** *Packt Publishing Ltd* A comprehensive, hands-on guide on unit testing framework for Java programming language About This Book In-depth coverage of Jupiter, the new programming and extension model provided by JUnit 5 Integration of JUnit 5 with other frameworks such as Mockito, Spring, Selenium, Cucumber, and Docker Best practices for writing meaningful Jupiter test cases Who This Book Is For This book is for Java software engineers and testers. If you are a Java developer who is keen on improving the quality of your code and building world class applications then this book is for you. Prior experience of the concepts of automated testing will be helpful. What You Will Learn The importance of software testing and its impact on software quality The options available for testing Java applications The architecture, features and extension model of JUnit 5 Writing test cases using the Jupiter programming model How to use the latest and advanced features of JUnit 5 Integrating JUnit 5 with existing third-party frameworks Best practices for writing meaningful JUnit 5 test cases Managing software testing activities in a living software project In Detail When building an application it is of utmost importance to have clean code, a productive environment and efficient systems in place. Having automated unit testing in place helps developers to achieve these goals. The JUnit testing framework is a popular choice among Java developers and has recently released a major version update with JUnit 5. This book shows you how to make use of the power of JUnit 5 to write better software. The book begins with an introduction to software quality and software testing. After that, you will see an in-depth analysis of all the features of Jupiter, the new programming and extension model provided by JUnit 5. You will learn how to integrate JUnit 5 with other frameworks such as Mockito, Spring, Selenium, Cucumber, and

Docker. After the technical features of JUnit 5, the final part of this book will train you for the daily work of a software tester. You will learn best practices for writing meaningful tests. Finally, you will learn how software testing fits into the overall software development process, and sits alongside continuous integration, defect tracking, and test reporting. Style and approach The book offers definitive and comprehensive coverage of all the Unit testing concepts with JUnit and its features using several real world examples so that readers can put their learning to practice almost immediately. This book is structured in three parts: Software testing foundations (software quality and Java testing) JUnit 5 in depth (programming and extension model of JUnit 5) Software testing in practice (how to write and manage JUnit 5 tests) **Start Where You Are A Journal for Self-Exploration** *Particular Books* Every answer is inside you. This thoughtful journal pairs insightful quotes with prompts that spark reflection through writing, drawing, list making, and more. Wherever you're headed, these pages will help you get there - and gain a deeper understanding along the way. **Rural Rides** *e-artnow* Rural Rides is the book for which the English journalist, agriculturist and political reformer William Cobbett is best known. At the time of writing Rural Rides, in the early 1820s, Cobbett was a radical anti-Corn Law campaigner. He embarked on a series of journeys by horseback through the countryside of Southeast England and the English Midlands. He wrote down what he saw from the points of view both of a farmer and a social reformer. The result documents the early 19th-century countryside and its people as well as giving free vent to Cobbett's opinions **Wild Swans Three Daughters of China** *Simon and Schuster* The story of three generations in twentieth-century China that blends the intimacy of memoir and the panoramic sweep of eyewitness history—a bestselling classic in thirty languages with more than ten million copies sold around the world, now with a new introduction from the author. An engrossing record of Mao's impact on China, an unusual window on the female experience in the modern world, and an inspiring tale of courage and love, Jung Chang describes the extraordinary lives and experiences of her family members: her grandmother, a warlord's concubine; her mother's struggles as a young idealistic Communist; and her parents' experience as members of the Communist elite and their ordeal during the Cultural Revolution. Chang was a Red Guard briefly at the age of fourteen, then worked as a peasant, a "barefoot doctor," a steelworker, and an electrician. As the story of each generation unfolds, Chang captures in gripping, moving—and ultimately uplifting—detail the cycles of violent drama visited on her own family and millions of others caught in the whirlwind of history. **Expert Spring MVC and Web Flow** *Apress* * 1st and only book to market on the open source Spring MVC and Web Flows, positioned to become the new "Struts." * Will be the only authoritative solution, by the Spring MVC and Spring Web Flows project leads themselves. * Two markets for this book. 1) Ex-patriots from the Struts world who have developed numerous web applications, but are looking for more and willing to take the initiative to experiment with new solutions; and 2) early adopter web developers into Web Flow, which has created a lot of buzz and will generate interest around this book as well as Spring MVC. **High-Performance Java Persistence** *Vlad Mihalcea* A high-performance data access layer must resonate with the underlying database system. Knowing the inner workings of a relational database and the data access frameworks in use can make the difference between a high-performance

enterprise application and one that barely crawls. This book is a journey into Java data access performance tuning. From connection management, to batch updates, fetch sizes and concurrency control mechanisms, it unravels the inner workings of the most common Java data access frameworks. The first part aims to reduce the gap between application developers and database administrators. For this reason, it covers both JDBC and the database fundamentals that are of paramount importance when reducing transaction response times. In this first part, you'll learn about connection management, batch updates, statement caching, result set fetching and database transactions. The second part demonstrates how you can take advantage of JPA and Hibernate without compromising application performance. In this second part, you'll learn about the most efficient Hibernate mappings (basic types, associations, inheritance), fetching best practices, caching and concurrency control mechanisms. The third part is dedicated to jOOQ and its powerful type-safe querying capabilities, like window functions, common table expressions, upsert, stored procedures and database functions. **Lost Spring Stories of Stolen Childhood** *Penguin Group* Case studies of economically disadvantaged children and their labor in different Indian industries. **Rapid Java Persistence and Microservices Persistence Made Easy Using Java EE8, JPA and Spring** *Apress* 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. **Cloud Native Java Designing Resilient Systems with Spring Boot, Spring Cloud, and Cloud Foundry** *"O'Reilly Media, Inc."* What separates the traditional enterprise from the likes of Amazon, Netflix, and Etsy? Those companies have refined the art of cloud native development to maintain their competitive edge and stay well ahead of the competition. This practical guide shows Java/JVM developers how to build better software, faster, using Spring Boot, Spring Cloud, and Cloud Foundry. Many organizations have already waded into cloud computing, test-driven development, microservices, and continuous integration and delivery. Authors Josh Long and Kenny Bastani fully immerse you in the tools and methodologies that will help you transform your legacy application into one that is genuinely cloud native. In four sections, this book takes you through: The Basics: learn the motivations behind cloud native thinking; configure and test a Spring Boot application; and move your legacy application to the cloud Web Services: build HTTP and RESTful services with Spring; route requests in your

distributed system; and build edge services closer to the data Data Integration: manage your data with Spring Data, and integrate distributed services with Spring's support for event-driven, messaging-centric architectures Production: make your system observable; use service brokers to connect stateful services; and understand the big ideas behind continuous delivery **A Prayer in Spring** *Rizzoli International Publications* Presents an illustrated version of the well-known poem that describes the sights and sounds in rural Americana during the springtime. **Guru Nanak's Japuji A Descriptive Bibliography Java Programming 24-Hour Trainer** *John Wiley & Sons* A unique book-and-video package presented by Java guru Yakov Fain As one of the most popular software languages for building Web applications, Java is often the first programming language developers learn. The latest version includes numerous updates that both novice and experienced developers need to know. With this invaluable book-and-video package, Java authority Yakov Fain fully covers Java?s new features as well as its language extensions, classes and class methods, and the Swing Application Framework. For each lesson that he discusses in the book, there is an accompanying instructional video to reinforce your learning experience. Lessons include: Introducing Java Eclipse IDE Object-Oriented Programming Class Methods Back to Java Basics Packages, Interfaces, and Encapsulation Programming with Abstract Classes and Interfaces Introducing the Graphic User Interface Event Handling in UI Introduction to Java Applets Developing a Tic-Tac-Toe Applet Developing a Ping-Pong Game Error Handling Introduction to Collections Introduction to Generics Working with Streams Java Serialization Network Programming Processing E-Mails with Java Introduction to Multi-Threading Digging Deeper into Concurrent Execution Working with Databases Using JDBC Swing with JTable Annotations and Reflection Remote Method Invocation Java EE 6 Overview Programming with Servlets JavaServer Pages Developing Web Applications with JSF Introducing JMS and MOM Introducing JNDI Introduction to Enterprise JavaBeans Introduction to the Java Persistence API Working with RESTful Web Services Introduction to Spring MVC Framework Introduction to Hibernate Framework Bringing JavaFX to the Mix Java Technical Interviews Note: As part of the print version of this title, video lessons are included on DVD. For e-book versions, video lessons can be accessed at wrox.com using a link provided in the interior of the e-book. **Expert One-on-One J2EE Development without EJB** *John Wiley & Sons* What is this book about? Expert One-on-One J2EE Development without EJB shows Javadevelopers and architects how to build robust J2EE applicationswithout having to use Enterprise JavaBeans (EJB). This practical,code-intensive guide provides best practices for using simpler andmore effective methods and tools, including JavaServer pages,servlets, and lightweight frameworks. What does this book cover? The book begins by examining the limits of EJB technology— what it does well and not so well. Then the authors guideyou through alternatives to EJB that you can use to create higherquality applications faster and at lower cost — both agilemethods as well as new classes of tools that have evolved over thepast few years. They then dive into the details, showing solutions based on thelightweight framework they pioneered on SourceForge — one ofthe most innovative open source communities. They demonstrate howto leverage practical techniques and tools, including the popularopen source Spring Framework and Hibernate. This book also guidesyou through productive solutions to core problems, such

astransaction management, persistence, remoting, and Web tier design.You will examine how these alternatives affect testing,performance, and scalability, and discover how lightweightarchitectures can slash time and effort on many projects. What will you learn from this book? Here are some details on what you'll find in this book: How to find the simplest and most maintainable architecture foryour application Effective transaction management without EJB How to solve common problems in enterprise software developmentusing AOP and Inversion of Control Web tier design and the place of the Web tier in awell-designed J2EE application Effective data access techniques for J2EE applications withJDBC, Hibernate, and JDO How to leverage open source products to improve productivityand reduce custom coding How to design for optimal performance and scalability **Infinite Jest** *Hachette UK* 'A writer of virtuostic talents who can seemingly do anything' New York Times 'Wallace is a superb comedian of culture . . . his exuberance and intellectual impishness are a delight' James Wood, Guardian 'He induces the kind of laughter which, when read in bed with a sleeping partner, wakes said sleeping partner up . . . He's damn good' Nicholas Lezard, Guardian 'One of the best books about addiction and recovery to appear in recent memory' Sunday Times Somewhere in the not-so-distant future the residents of Ennet House, a Boston halfway house for recovering addicts, and students at the nearby Enfield Tennis Academy are ensnared in the search for the master copy of Infinite Jest, a movie said to be so dangerously entertaining its viewers become entranced and expire in a state of catatonic bliss . . . **Lays of ancient Rome Rails 4 in Action Revised Edition of Rails 3 in Action** *Simon and Schuster* Summary Rails 4 in Action is a comprehensive introduction to Rails that guides you hands-on through all you'll need to become a competent and confident Rails developer. In it, you'll master Rails 4 by developing a ticket-tracking application that includes RESTful routing, authentication and authorization, file uploads, email, and more. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Rails is a full-stack, open source web framework powered by Ruby. Now in version 4, Rails is mature and powerful, and to use it effectively you need more than a few Google searches. You'll find no substitute for the guru's-eye-view of design, testing, deployment, and other real-world concerns that this book provides. Rails 4 in Action is a hands-on guide to the subject. In this fully revised new edition, you'll master Rails 4 by developing a ticket-tracking application that includes RESTful routing, authentication and authorization, file uploads, email, and more. Learn to design your own APIs and successfully deploy a production-quality application. You'll see test-driven development and behavior-driven development in action throughout the book, just like in a top Rails shop. What's Inside Creating your own APIs Using RSpec and Capybara Emphasis on test-first development Fully updated for Rails 4 About the Reader For readers of this book, a background in Ruby is helpful but not required. No Rails experience is assumed. About the Authors Ryan Bigg, Yehuda Katz, Steve Klabnik, and Rebecca Skinner are contributors to Rails and active members of the Rails community. Table of Contents Ruby on Rails, the framework Testing saves your bacon Developing a real Rails application Oh, CRUD! Nested resources Authentication Basic access control Fine-grained access control File uploading Tracking state Tagging Sending email Deployment Designing an API Rack-based applications **LSD, My Problem Child Reflections on Sacred Drugs,**

Mysticism, and Science *Multidisciplinary Assn for* This is the story of LSD told by a concerned yet hopeful father, organic chemist Albert Hofmann. He traces LSDs path from a promising psychiatric research medicine to a recreational drug sparking hysteria and prohibition.We follow Dr. Hofmanns trek across Mexico to discover sacred plants related to LSD, and listen in as he corresponds with other notable figures about his remarkable discovery.Underlying it all is Dr. Hofmanns powerful conclusion that mystical experience may be our planets best hope for survival. Whether induced by LSD, meditation, or arising spontaneously, such experiences help us to comprehend the wonder, the mystery of the divine in the microcosm of the atom, in the macrocosm of the spiral nebula, in the seeds of plants, in the body and soul of people.Now, more than sixty years after the birth of Albert Hofmanns problem child, his vision of its true potential is more relevant, and more needed, than ever. **Love in a Dead Language** *University of Chicago Press* A California professor translating the Kamasutra seduces a student to gain practical experience. The girl is not even an Indian, but a Californian of Hindu extraction and on his return from India, where he baited her with a field trip, the prof lands in hot water. **Pārāśarapraśna The Baisakhi of Guru Gobind Singh 97 Things Every Programmer Should Know Collective Wisdom from the Experts** *O'Reilly Media* Tap into the wisdom of experts to learn what every programmer should know, no matter what language you use. With the 97 short and extremely useful tips for programmers in this book, you'll expand your skills by adopting new approaches to old problems, learning appropriate best practices, and honing your craft through sound advice. With contributions from some of the most experienced and respected practitioners in the industry--including Michael Feathers, Pete Goodliffe, Diomidis Spinellis, Cay Horstmann, Verity Stob, and many more--this book contains practical knowledge and principles that you can apply to all kinds of projects. A few of the 97 things you should know: "Code in the Language of the Domain" by Dan North "Write Tests for People" by Gerard Meszaros "Convenience Is Not an -ility" by Gregor Hohpe "Know Your IDE" by Heinz Kabutz "A Message to the Future" by Linda Rising "The Boy Scout Rule" by Robert C. Martin (Uncle Bob) "Beware the Share" by Udi Dahan **Open Access** *MIT Press* A concise introduction to the basics of open access, describing what it is (and isn't) and showing that it is easy, fast, inexpensive, legal, and beneficial. The Internet lets us share perfect copies of our work with a worldwide audience at virtually no cost. We take advantage of this revolutionary opportunity when we make our work "open access": digital, online, free of charge, and free of most copyright and licensing restrictions. Open access is made possible by the Internet and copyright-holder consent, and many authors, musicians, filmmakers, and other creators who depend on royalties are understandably unwilling to give their consent. But for 350 years, scholars have written peer-reviewed journal articles for impact, not for money, and are free to consent to open access without losing revenue. In this concise introduction, Peter Suber tells us what open access is and isn't, how it benefits authors and readers of research, how we pay for it, how it avoids copyright problems, how it has moved from the periphery to the mainstream, and what its future may hold. Distilling a decade of Suber's influential writing and thinking about open access, this is the indispensable book on the subject for researchers, librarians, administrators, funders, publishers, and policy makers. **Spring in Action** *Manning Publications*

Brings readers up to speed with Spring 3.1 and then highlights some of the new Spring 3.2 features such as asynchronous Spring MVC Controllers, also covering testing support for Spring MVC controllers and RestTemplate-based clients. Original. **Life of Pi** *Vintage Canada* Life of Pi is a masterful and utterly original novel that is at once the story of a young castaway who faces immeasurable hardships on the high seas, and a meditation on religion, faith, art and life that is as witty as it is profound. Using the threads of all of our best stories, Yann Martel has woven a glorious spiritual adventure that makes us question what it means to be alive, and to believe.