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Spring in Action, Sixth Edition Craig Walls, 2022-04-05 If you need to learn Spring look no further than this widely beloved and comprehensive guide Fully revised for Spring 5.3 and packed with interesting real world examples to get your hands dirty with Spring In *Spring in Action* 6th Edition you will learn Building reactive applications Relational and NoSQL databases Integrating via HTTP and REST based services and sand reactive RSocket services Reactive programming techniques Deploying applications to traditional servers and containers Securing applications with Spring Security Over the years *Spring in Action* has helped tens of thousands of developers get a major productivity boost from Spring This new edition of the classic bestseller covers all of the new features of Spring 5.3 and Spring Boot 2.4 along with examples of reactive programming Spring Security for REST Services and bringing reactivity to your databases You ll also find the latest Spring best practices including Spring Boot for application setup and configuration About the technology Spring is required knowledge for Java developers Why Th is powerful framework eliminates a lot of the tedious configuration and repetitive coding tasks making it easy to build enterprise ready production quality software The latest updates bring huge productivity boosts to microservices reactive development and other modern application designs It s no wonder over half of all Java developers use Spring About the book *Spring in Action* Sixth Edition is a comprehensive guide to Spring s core features all explained in Craig Walls famously clear style You ll put Spring into action as you build a complete database backed web app step by step This new edition covers both Spring fundamentals and new features such as reactive flows Kubernetes integration and RSocket Whether you re new to Spring or leveling up to Spring 5.3 make this classic bestseller your bible What s inside Relational and NoSQL databases Integrating via RSocket and REST based services Reactive programming techniques Deploying applications to traditional servers and containers About the reader For beginning to intermediate Java developers About the author Craig Walls is an engineer at VMware a member of the Spring engineering team a popular author and a frequent conference speaker Table of Contents PART 1 FOUNDATIONAL SPRING 1 Getting started with Spring 2 Developing web applications 3 Working with data 4 Working with nonrelational data 5 Securing Spring 6 Working with configuration properties PART 2 INTEGRATED SPRING 7 Creating REST services 8 Securing REST 9 Sending messages asynchronously 10 Integrating Spring PART 3 REACTIVE SPRING 11 Introducing Reactor 12 Developing reactive APIs 13 Persisting data reactively 14 Working with RSocket PART 4 DEPLOYED SPRING 15 Working with Spring Boot Actuator 16 Administering Spring 17 Monitoring Spring with JMX 18 Deploying Spring *Spring In Action* Craig Walls And Ryan Breidenbach, 2005-04-19 *Spring in Action* introduces you to the ideas behind Spring and then quickly launches into a hands on exploration of the framework Combining short code snippets and an ongoing example developed throughout the book it shows you how to build simple and efficient J2EE applications You will see how to solve persistence problems using the leading open source tools and also how to integrate your application with the most popular web frameworks You will learn

how to use Spring to manage the bulk of your infrastructure code so you can focus on what really matters your critical business needs Spring in Action has been completely updated to cover the exciting new features of Spring 2.0 The book begins by introducing you to the core concepts of Spring and then quickly launches into a hands on exploration of the framework Part 1 Spring Essentials Part 2 Spring in the Business Layer Part 3 Spring in the Web Layer *Spring Boot in Action* Craig Walls, 2015-12-16 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 [Practical Guide to Building an API Back End with Spring Boot](#) Wim Deblauwe, 2018-09-25 Starting your first project with Spring Boot can be a bit daunting given the vast options that it provides This book will guide you step by step along the way to be a Spring Boot hero in no time The book covers Setup of your project Security and user management for your application Writing REST endpoints Connecting with a database from your application Unit and integration testing for all aspects Writing documentation for your REST endpoints Support file upload from your REST API *Spring AI in Action* Craig Walls, 2025-12-02 Use Spring AI to add generative AI features like virtual assistants text summaries and suggestions to your Java applications Generative AI tools like ChatGPT cause an immediate jaw drop for almost everyone who encounters them Until recently though Java developers have had few good tools for adding AI features to existing and new applications *Spring in Action, Second Edition* Craig Walls, Ryan

Breidenbach,2007 Spring in Action 2E is an expanded completely updated second edition of the best selling Spring in Action Written by Craig Walls one of Manning s best writers this book covers the exciting new features of Spring 2 0 which was released in October 2006 Spring is a lightweight container framework that represents an exciting way to build enterprise components with simple Java objects By employing dependency injection and AOP Spring encourages loosely coupled code and enables plain old Java objects with capabilities that were previously reserved for EJBs This book is a hands on example driven exploration of the Spring Framework Combining short code snippets and an ongoing example developed throughout the book it shows readers how to build simple and efficient J2EE applications how to solve persistence problems handle asynchronous messaging create and consume remote services build web applications and integrate with most popular web frameworks Readers will learn how to use Spring to write simpler easier to maintain code so they can focus on what really matters critical business needs Spring in Action 2E is for Java developers who are looking for ways to build enterprise grade applications based on simple Java objects without resorting to more complex and invasive EJBs Even hard core EJB users will find this book valuable as Spring in Action 2E will describe ways to use EJB components alongside Spring Software architects will also find Spring in Action 2E useful as they assess and apply lightweight techniques prescribed by Spring and learn how Spring can be applied at the various layers of enterprise applications

Fast and Scalable Cloud Data Management

Felix Gessert,Wolfram Wingerath,Norbert Ritter,2020-05-15 The unprecedented scale at which data is both produced and consumed today has generated a large demand for scalable data management solutions facilitating fast access from all over the world As one consequence a plethora of non relational distributed NoSQL database systems have risen in recent years and today s data management system landscape has thus become somewhat hard to overlook As another consequence complex polyglot designs and elaborate schemes for data distribution and delivery have become the norm for building applications that connect users and organizations across the globe but choosing the right combination of systems for a given use case has become increasingly difficult as well To help practitioners stay on top of that challenge this book presents a comprehensive overview and classification of the current system landscape in cloud data management as well as a survey of the state of the art approaches for efficient data distribution and delivery to end user devices The topics covered thus range from NoSQL storage systems and polyglot architectures backend over distributed transactions and Web caching network to data access and rendering performance in the client end user By distinguishing popular data management systems by data model consistency guarantees and other dimensions of interest this book provides an abstract framework for reasoning about the overall design space and the individual positions claimed by each of the systems therein Building on this classification this book further presents an application driven decision guidance tool that breaks the process of choosing a set of viable system candidates for a given application scenario down into a straightforward decision tree

[100 Java Mistakes and How to Avoid Them](#) Tagir Valeev,2024-05-28 Dodge the common mistakes that even senior developers make take full advantage of

static analysis tools and deliver robust and error free Java code Whenever you make a mistake writing Java it s almost guaranteed that someone else has made it before In 100 Java Mistakes and How To Avoid Them you ll learn about the common and the not so common antipatterns errors and tricky bits that trip up almost every Java developer Inside 100 Java Mistakes and How To Avoid Them you will learn how to Write better Java programs Recognize common mistakes during programming Create fewer bugs and save time for debugging and testing Get help from static analyzers during programming Configure static analysis tools to reduce the number of false reports Extend static analysis tools with custom plugins Each Java mistake in this handy guide comes with an illustrative code sample an explanation of why the mistake occurs and an actionable ways to avoid this section to help you dodge the error Plus you ll benefit from useful static analysis sidebars that let you know when mistakes will and won t be spotted by static analysis tools Foreword by Cay Horstmann About the technology Minor bugs in development can become major problems in production It s much better to spot and fix your mistakes before they get that far This one of a kind book shines a light on the most common Java slip ups and shows you exactly how to avoid making them in the first place About the book 100 Java Mistakes and How To Avoid Them highlights 100 Java coding errors from beginner missteps to mistakes even Java experts don t know they re making Each case includes clear examples to show you what to look for and concrete troubleshooting advice You ll learn to use static analysis tools like IntelliJ IDEA and SonarLint to ensure you re consistently delivering exceptional Java discover how unit tests and defensive coding can keep your code clean and even learn to write your own bug busting plugins What s inside Recognize bugs and antipatterns during programming Highly effective debugging and testing Get help from static analyzers About the reader For Java developers of all skill levels About the author Tagir Valeev is a technical lead in JetBrains and a Java Champion He designed and developed many code inspections for IntelliJ IDEA built in static analyzer The technical editor on this book was Jean Fran ois Morin Table of Contents 1 Managing code quality 2 Expressions 3 Program structure 4 Numbers 5 Common exceptions 6 Strings 7 Comparing objects 8 Collections and maps 9 Library methods 10 Unit testing A Static analysis annotations B Extending static analysis tools [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 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 IN ACTION:COVERS SPRING 3.0, 3RD EDITION Craig Walls,2011-07-01 About The Book Spring in Action Third Edition continues the practical hands on style of the previous bestselling editions Author Craig Walls has a special knack for crisp and entertaining examples that zoom in on the features and techniques you really need This edition highlights the most important aspects of Spring 3.0 including REST remote services messaging Security MVC Web Flow and more

Zend Framework in Action Rob Allen,Nick Lo,Steven Brown,2009-01-07 This book takes readers on a tour of the components of the Zend Framework as they build a high quality real world Web application

Spring in Action Craig Walls,Ryan Breidenbach,2005 Written for enterprise Java developers who have become disillusioned with the complexity and bulk involved with EJB development this programming tool demonstrates how the Spring framework can make coupled code easy to manage understand reuse and unit test Spring's employment of inversion control and aspect oriented programming techniques to encourage loosely coupled code is explained providing programmers with the ability to use JavaBeans with the power and enterprise services only previously available in the heavier Enterprise JavaBeans

JBoss in Action Javid Jamae,Peter Johnson,2009-02-07 JBoss Application Server Book Jacket

POJOs in Action Chris Richardson,2006-02-02 The standard platform for enterprise application development has been EJB but the difficulties of working with it caused it to become unpopular They also gave rise to lightweight technologies such as Hibernate Spring JDO iBATIS and others all of which allow the developer to work directly with the simpler POJOs Now EJB version 3 solves the problems that gave EJB 2 a black eye it too works with POJOs POJOs in Action describes the new easier ways to develop enterprise Java applications It describes how to make key design decisions when developing business logic using POJOs including how to organize and encapsulate the business logic access the database manage transactions and handle database concurrency This book is a new generation Java applications guide it

enables readers to successfully build lightweight applications that are easier to develop test and maintain

WebWork in Action Patrick Lightbody, Jason Carreira, 2005-10-08 The only book on WebWork a cutting edge Java web framework written by its two primary developers It shows how to build real world web applications based on Hibernate including advanced techniques like internationalization data validation and component oriented design

Ruby in Practice Jeremy McAnally, Assaf Arkin, 2009 Ruby in Practice increases your productivity by showing you specific Ruby techniques you can use in your projects The book offers detailed strategies for using Ruby in a large scale environment You ll see concrete examples of integration messaging web development and databases all presented in a clear Problem Solution format This book won t help you push your deadline back but it will help you get the job done in less time Above all Ruby in Practice is a practical book for developers who want an in depth understanding of the Ruby language and its toolset The book is divided into three major parts The first part concentrates on issues that developers face both from within their organizations and from their peers The authors weigh the costs and benefits of using Ruby in enterprise development projects the over riding theme being that every developer should always aim to use the right tool for any particular job The authors then examine the pros and cons of developing with Ruby and where appropriate compare Ruby to other languages both conceptually and in code The second part discusses techniques for communication and integration of systems The authors describe how libraries and techniques are used to facilitate messaging web development and communication automation They also focus on how the strategies in the first section can be used with these libraries to make development more flexible and efficient The last part shows how to manage data and integrate with existing data using Ruby The authors describe techniques for using existing Ruby libraries that either replace popular Java libraries or can interface with existing data in a different way They go on to show you how strategies covered in the first section can be used to enable Ruby to interact with existing assets or to build new data systems 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

American Book Publishing Record ,2003 **Chemical Abstracts** ,1914 **Spring in Action, 4th Edition** Craig Walls, 2014 Spring in Action Fourth Edition is a hands on guide to the Spring Framework updated for version 4 It covers the latest features tools and practices including Spring MVC REST Security Web Flow and more You ll move between short snippets and an ongoing example as you learn to build simple and efficient J2EE applications Author Craig Walls has a special knack for crisp and entertaining examples that zoom in on the features and techniques you really need About the Technology Designed in 2003 as a lighter approach to J2EE development Spring Framework has since become a standard choice for building enterprise applications and required knowledge for Java developers Spring 4 the latest major version provides full Java 8 integration along with key upgrades like new annotations for the IoC container improvements to Spring Expression Language and much needed support for REST Whether you re just discovering Spring or you want to absorb the new features there s no better way to master Spring than with this book About the Book Spring in

Action Fourth Edition is a hands on guide to the Spring Framework It covers Spring core along with the latest updates to Spring MVC Security Web Flow and more You ll move between short snippets and an ongoing example as you learn to build simple and efficient JEE applications Author Craig Walls has a special knack for crisp and entertaining examples that zoom in on the features and techniques you really need Nearly 100 000 developers have used this book to learn Spring It requires a working knowledge of Java What s Inside Updated for Spring 4 Spring Data for NoSQL Simplifying configuration with annotations and definition profiles Working with RESTful resources About the Author Craig Walls is a software developer at Pivotal He s a popular author and a frequent speaker at user groups and conferences Craig lives in Cross Roads Texas

Motor Age ,1910

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