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# Groovy IN ACTION

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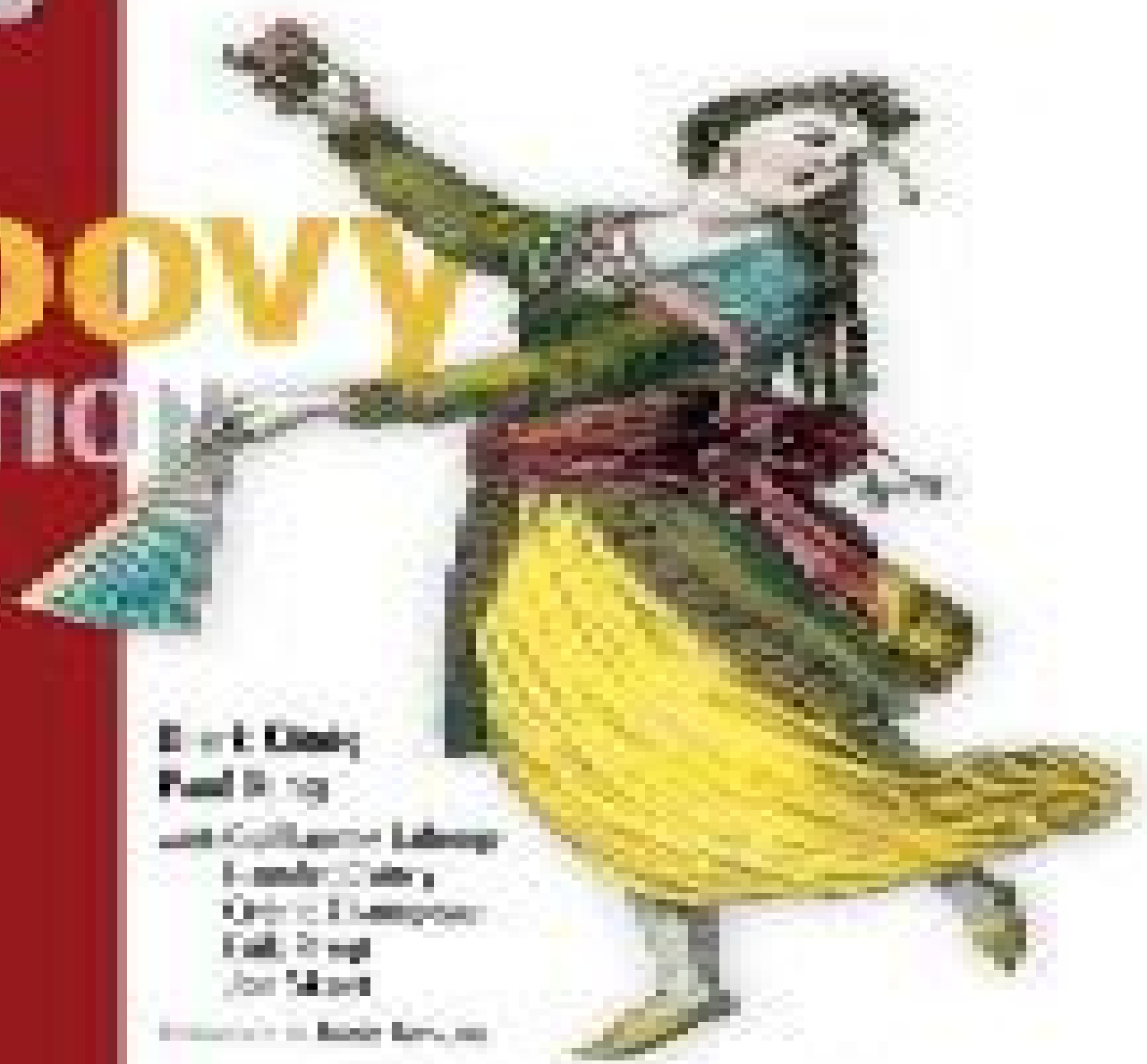
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# Second Edition Groovy

**Dierk König**



## Second Edition Groovy:

Groovy in Action Cédric Champeau, Dierk Koenig, Hamlet D'Arcy, Paul King, 2015-06-03 Summary Groovy in Action Second Edition is a thoroughly revised comprehensive guide to Groovy programming. It introduces Java developers to the dynamic features that Groovy provides and shows how to apply Groovy to a range of tasks including building new apps, integration with existing code, and DSL development. Covers Groovy 2.4. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology In the last ten years, Groovy has become an integral part of a Java developer's toolbox. Its comfortable, common-sense design, seamless integration with Java, and rich ecosystem that includes the Grails web framework, the Gradle build system, and Spock testing platform have created a large Groovy community. About the Book Groovy in Action Second Edition is the undisputed definitive reference on the Groovy language. Written by core members of the Groovy language team, this book presents Groovy like no other can from the inside out. With relevant examples, careful explanations of Groovy's key concepts and features, and insightful coverage of how to use Groovy in production tasks including building new applications, integration with existing code, and DSL development, this is the only book you'll need. Updated for Groovy 2.4. Some experience with Java or another programming language is helpful. No Groovy experience is assumed. What's Inside Comprehensive coverage of Groovy 2.4 including language features, libraries, and AST transformations. Dynamic, static, and extensible typing. Concurrency, actors, data parallelism, and dataflow. Applying Groovy. Java integration. XML, SQL, testing, and domain-specific language support. Hundreds of reusable examples. About the Authors Authors Dierk Koenig, Paul King, Guillaume Laforge, Hamlet D'Arcy, Cédric Champeau, Erik Pragt, and Jon Skeet are intimately involved in the creation and ongoing development of the Groovy language and its ecosystem. Table of Contents PART 1 THE GROOVY LANGUAGE Your way to Groovy Overture Groovy basics Simple Groovy datatypes Collective Groovy datatypes Working with closures Groovy control structures Object orientation Groovy style Dynamic programming with Groovy Compile time metaprogramming and AST transformations Groovy as a static language PART 2 AROUND THE GROOVY LIBRARY Working with builders Working with the GDK Database programming with Groovy Working with XML and JSON Interacting with Web Services Integrating Groovy PART 3 APPLIED GROOVY Unit testing with Groovy Concurrent Groovy with GPar Domain specific languages The Groovy ecosystem

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application to a Struts 2 based application and a lot more

**ElasticSearch Cookbook - Second Edition** Alberto Paro, 2015-01-28 If you are a developer who implements ElasticSearch in your web applications and want to sharpen your understanding of the core elements and applications this is the book for you It is assumed that you've got working knowledge of JSON and if you want to extend ElasticSearch of Java and related technologies

**Spring Microservices in Action, Second Edition** John Carnell, Illary Sanchez, 2021-06-08 Spring Microservices in Action Second Edition teaches you to build microservice based applications using Java and Spring Summary By dividing large applications into separate self contained units Microservices are a great step toward reducing complexity and increasing flexibility Spring Microservices in Action Second Edition teaches you how to build microservice based applications using Java and the Spring platform This second edition is fully updated for the latest version of Spring with expanded coverage of API routing with Spring Cloud Gateway logging with the ELK stack metrics with Prometheus and Grafana security with the Hashicorp Vault and modern deployment practices with Kubernetes and Istio Purchase of the print book includes a free eBook in PDF Kindle and ePub formats from Manning Publications About the technology Building and deploying microservices can be easy in Spring Libraries like Spring Boot Spring Cloud and Spring Cloud Gateway reduce the boilerplate code in REST based services They provide an effective toolbox to get your microservices up and running on both public and private clouds About the book Spring Microservices in Action Second Edition teaches you to build microservice based applications using Java and Spring You'll start by creating basic services then move to efficient logging and monitoring Learn to refactor Java applications with Spring's intuitive tooling and master API management with Spring Cloud Gateway You'll even deploy Spring Cloud applications with AWS and Kubernetes What's inside Microservice design principles and best practices Configuration with Spring Cloud Config and Hashicorp Vault Client side resiliency with Resilience4j and Spring Cloud Load Balancer Metrics monitoring with Prometheus and Grafana Distributed tracing with Spring Cloud Sleuth Zipkin and ELK Stack About the reader For experienced Java and Spring developers About the author John Carnell is a senior cloud engineer with 20 years of Java experience Illary Huaylupo Sanchez is a software engineer with over 13 years of experience Table of Contents 1 Welcome to the cloud Spring 2 Exploring the microservices world with Spring Cloud 3 Building microservices with Spring Boot 4 Welcome to Docker 5 Controlling your configuration with the Spring Cloud Configuration Server 6 On service discovery 7 When bad things happen Resiliency patterns with Spring Cloud and Resilience4j 8 Service routing with Spring Cloud Gateway 9 Securing your microservices 10 Event driven architecture with Spring Cloud Stream 11 Distributed tracing with Spring Cloud Sleuth and Zipkin 12 Deploying your microservices

**Groovy in Action, Second Edition** Dierk König, 2015 With relevant examples and careful explanations of Groovy's key concepts and features this comprehensive book provides insightful coverage of how to use Groovy in production tasks including building new applications integration with existing code and DSL development

**The Well-Grounded Java Developer, Second Edition** Benjamin Evans, Martijn Verburg, Jason Clark, 2022-12-27 Understanding

Java from the JVM up gives you a solid foundation to grow your expertise and take on advanced techniques for performance concurrency containerization and more In The Well Grounded Java Developer Second Edition you will learn The new Java module system and why you should use it Bytecode for the JVM including operations and classloading Performance tuning the JVM Working with Java s built in concurrency and expanded options Programming in Kotlin and Clojure on the JVM Maximizing the benefits from your build CI tooling with Maven and Gradle Running the JVM in containers Planning for future JVM releases The Well Grounded Java Developer Second Edition introduces both the modern innovations and timeless fundamentals you need to know to become a Java master Authors Ben Evans Martijn Verburg and Jason Clark distill their decades of experience as Java Champions veteran developers and key contributors to the Java ecosystem into this clear and practical guide You ll discover how Java works under the hood and learn design secrets from Java s long history Each concept is illustrated with hands on examples including a fully modularized application library and creating your own multithreaded application Foreword by Heinz Kabutz About the technology Java is the beating heart of enterprise software engineering Developers who really know Java can expect easy job hunting and interesting work Written by experts with years of boots on the ground experience this book upgrades your Java skills It dives into powerful features like modules and concurrency models and even reveals some of Java s deep secrets About the book With The Well Grounded Java Developer Second Edition you will go beyond feature descriptions and learn how Java operates at the bytecode level Master high value techniques for concurrency and performance optimization along with must know practices for build test and deployment You ll even look at alternate JVM languages like Kotlin and Clojure Digest this book and stand out from the pack What s inside The new Java module system Performance tuning the JVM Maximizing CI CD with Maven and Gradle Running the JVM in containers Planning for future JVM releases About the reader For intermediate Java developers About the author Benjamin J Evans is a senior principal engineer at Red Hat Martijn Verburg is the principal SWE manager for Microsoft s Java Engineering Group Both Benjamin and Martijn are Java Champions Jason Clark is a principal engineer and architect at New Relic Table of Contents PART 1 FROM 8 TO 11 AND BEYOND 1 Introducing modern Java 2 Java modules 3 Java 17 PART 2 UNDER THE HOOD 4 Class files and bytecode 5 Java concurrency fundamentals 6 JDK concurrency libraries 7 Understanding Java performance PART 3 NON JAVA LANGUAGES ON THE JVM 8 Alternative JVM languages 9 Kotlin 10 Clojure A different view of programming PART 4 BUILD AND DEPLOYMENT 11 Building with Gradle and Maven 12 Running Java in containers 13 Testing fundamentals 14 Testing beyond JUnit PART 5 JAVA FRONTIERS 15 Advanced functional programming 16 Advanced concurrent programming 17 Modern internals 18 Future Java [GroovyMag November 2008](#) , *Performance Testing with JMeter - Second Edition* Bayo Erinle,2015-04-24 This book is great for developers quality assurance engineers testers and test managers new to Apache JMeter or those who are looking to get a good grounding in how to effectively use and become proficient with JMeter No prior testing experience is required **Android NDK: Beginner's Guide - Second**

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**Struts: The Complete Reference, 2nd Edition** James Holmes,2007-01-01 Strut your stuff with this completely up to date guide Struts guru James Holmes has completely revised and updated his definitive bestselling Struts volume You will get soup to nuts coverage of Struts 1 3 the latest version of the framework used to create flexible high performance web applications The book features insider tips tricks and techniques to make Struts applications sizzle

**Gradle Recipes for Android** Ken Kousen,2016-06-07 Android adopted Gradle as the preferred build automation system a few years ago but many Android developers are still unfamiliar with this open source tool This hands on guide provides a collection of Gradle recipes to help you quickly and easily accomplish the most common build tasks for your Android apps You ll learn how to customize project layouts add dependencies and generate many different versions of your app Gradle is based on Groovy yet very little knowledge of the JVM language is required for you to get started Code examples use Android SDK version 23 with emulators from Marshmallow Android 6 or Lollipop Android 5 If you re comfortable with Java and Android you re ready Understand Gradle s generated build files for Android apps Run Gradle from the command line or inside Android Studio Add more Java libraries to your Android app Import and export Eclipse ADT projects Digitally sign a Release APK for the Google Play store Use product flavors to build many versions of the same app Add custom tasks to the Gradle build process Test both your app s Android and non Android components Improve the performance of your Gradle build

**Capsule Overviews of Favorite Albums** Martin Winfree,2024-12-18 The hundreds of albums that I salvaged from Hurricane Katrina are gradually being



passed along to a friend and the paragraphs that I gave him along with the first 399 LPs provide the genesis for Capsule Overviews of Favorite Albums I have written the stories behind the albums and the recording artists along with commentary on particular songs and other works by the same recording artists My goal is to flesh out information on the greatest music ever recorded particularly for younger people who didn't grow up with these records While not comprehensive the sections in the book give a good overview of the rock music scene over the past half century or so along with musicians in other genres that appeal to me      *Violin For Dummies, 2nd Edition* Katharine Rapoport, 2012-04-10 Includes CD ROM with audio and video samples      **GroovyMag December 2008 ,**

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web ci o signi ca che avremmo potuto omettere tale assioma dalla definizione di spazio vettoriale e dedurlo come conseguenza non ci addentriamo ulteriormente nell'indagare l'indipendenza degli assiomi e veri chiamo un'altra proprietà generale degli spazi vettoriali osservazione sia  $V$  uno spazio vettoriale su  $K$  presi comunque  $v_1, v_2 \in V$  e  $c_1, c_2 \in K$  si

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proprietà proprietà commutativa dell addizione tra vettori  $u + v = v + u$

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