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Beginning Groovy, Grails and Griffon

*BEGIN USING GROOVY SCRIPTING WITH
THE GRAILS WEB FRAMEWORK AND
GRIFFON DESKTOP UI FRAMEWORK*

Vishal Layka, Christopher M. Judd,
Joseph Faisal Nusairat and Jim Shingler

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Beginning Groovy Grails And Griffon

**Cédric Champeau, Dierk Koenig, Hamlet
D'Arcy, Paul King**



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Beginning Groovy, Grails and Griffon Christopher M Judd, Joseph Faisal Nusairat, Jim Shingler, Vishal Layka, 2013-03-12 Web frameworks are playing a major role in the creation of today's most compelling web applications because they automate many of the tedious tasks allowing developers to instead focus on providing users with creative and powerful features Java developers have been particularly fortunate in this area having been able to take advantage of Grails an open source framework that supercharges productivity when building Java driven web sites Grails is based on Groovy which is a very popular and growing dynamic scripting language for Java developers and was inspired by Python Ruby and Smalltalk Beginning Groovy Grails and Griffon is the first introductory book on the Groovy language and its primary web framework Grails Griffon is also covered While Grails is the Web framework for building Groovy Web applications Griffon is the desktop framework for building desktop Groovy applications Could Groovy be the new Java It's light fast and free open source This book gets you started with Groovy Grails and Griffon and culminates in the example and possible application of some real world projects You follow along with the development of each project implementing and running each application while learning new features along the way

Learn Java for Web Development Vishal Layka, 2014-02-15 AngularJS is the leading framework for building dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices AngularJS which is maintained by Google brings the power of the Model View Controller MVC pattern to the client providing the foundation for complex and rich web apps It allows you to build applications that are smaller faster and with a lighter resource footprint than ever before Best selling author Adam Freeman explains how to get the most from AngularJS He begins by describing the MVC pattern and the many benefits that can be gained

Emerging Technologies for Education Ting-Ting Wu, Rosella Gennari, Yueh-Min Huang, Haoran Xie, Yiwei Cao, 2017-02-17 This book constitutes the thoroughly refereed post workshop proceedings of the First International Symposium SETE 2016 held in conjunction with ICWL 2016 Rome Italy in October 2016 The 81 revised papers 59 full and 22 short ones were carefully reviewed and selected from 139 submission They cover latest findings in various areas such as emerging technologies for open access to education and learning emerging technologies supported personalized and adaptive learning emerging technologies support for intelligent tutoring emerging technologies support for game based and joyful learning emerging technologies of pedagogical issues emerging technologies for affective learning and emerging technologies for tangible learning

GroovyMag November 2008 ,

Griffon in Action Andres Almiray, Danno Ferrin, 2012-06-03 Summary Griffon in Action is a comprehensive tutorial written for Java developers who want a more productive approach to UI development After a quick Groovy tutorial you'll immediately dive into Griffon and start building examples that explore its high productivity approach to Swing development About the Technology You can think of Griffon as Grails for the desktop It is a Groovy driven UI framework for the JVM that wraps and radically simplifies Swing Its declarative style and approachable abstractions are

instantly familiar to developers using Grails or JavaFX About the Book Griffon in Action gets you going quickly Griffon s convention over configuration approach requires minimal code to get an app off the ground so you can start seeing results immediately You ll learn how SwingBuilder and other Griffon builders provide a coherent DSL driven development experience Along the way you ll explore best practices for structure architecture and lifecycle of a Java desktop application Written for Java developers no experience with Groovy Grails or Swing is required 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 Griffon from the ground up Full compatibility with Griffon 1 0 Using SwingBuilder and the other builders Practical real world examples Just enough Groovy Table of Contents PART 1 GETTING STARTED Welcome to the Griffon revolution A closer look at Griffon PART 2 ESSENTIAL GRIFFON Models and binding Creating a view Understanding controllers and services Understanding MVC groups Multithreaded applications Listening to notifications Testing your application Ship it Working with plugins Enhanced looks Griffon in front Grails in the back Productivity tools *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 GParc Domain specific languages The Groovy ecosystem **Making Java Groovy** Kenneth Kousen, 2013-09-18 Summary Making Java Groovy is a practical handbook for developers who want to blend Groovy into their day to day work with Java It starts by introducing the key differences between Java and Groovy and how you can use them to your advantage Then it guides you step by step through realistic development challenges from web applications to web services to desktop applications and shows how Groovy makes them easier to put into production About this Book You don't need the full force of Java when you're writing a build script a simple system utility or a lightweight web app but that's where Groovy shines brightest This elegant JVM based dynamic language extends and simplifies Java so you can concentrate on the task at hand instead of managing minute details and unnecessary complexity Making Java Groovy is a practical guide for developers who want to benefit from Groovy in their work with Java It starts by introducing the key differences between Java and Groovy and how to use them to your advantage Then you'll focus on the situations you face every day like consuming and creating RESTful web services working with databases and using the Spring framework You'll also explore the great Groovy tools for build processes testing and deployment and learn how to write Groovy based domain specific languages that simplify Java development Written for developers familiar with Java No Groovy experience required Purchase of the print book includes a free eBook in PDF Kindle and ePub formats from Manning Publications What's Inside Easier Java Closures builders and metaprogramming Gradle for builds Spock for testing Groovy frameworks like Grails and Griffon About the Author Ken Kousen is an independent consultant and trainer specializing in Spring Hibernate Groovy and Grails Table of Contents PART 1 UP TO SPEED WITH GROOVY Why add Groovy to Java Groovy by example Code level integration Using Groovy features in Java PART 2 GROOVY TOOLS Build processes Testing Groovy and Java projects PART 3 GROOVY IN THE REAL WORLD The Spring framework Database access RESTful web services Building and testing web applications [Programming Grails](#) Burt Beckwith, 2013-04-23 Dig deeper into Grails architecture and discover how this application framework works its magic Written by a core developer on the Grails team this practical guide takes you behind the curtain to reveal the inner workings of its 2.0 feature set You'll learn best practices for building and deploying Grails applications including performance security scaling tuning debugging and monitoring Understand how Grails integrates with Groovy Spring Hibernate and other JVM technologies and learn how to create and use plugins to augment your application's functionality Once you know how Grails adds behavior by convention you can solve problems more easily and develop applications more intuitively Write simpler more powerful code with the Groovy language Manage persistence in Grails using Hibernate or a NoSQL datastore Learn how Grails uses Spring's functionality and optional modules Discover how Hibernate handles details for storing and

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new in Groovy version 3.0 This book covers Groovy fundamentals such as installing Groovy using Groovy tools and working with the Groovy Development Kit GDK You'll also learn more advanced aspects of Groovy such as using Groovy design patterns writing DSLs in Groovy and taking advantage of Groovy's functional programming features Also Learning Groovy 3 has been updated to Groovy 3.0 to include the new Parrot parser which was extended to support additional syntax options and language features It also includes coverage of Groovydoc which allows you to embed Groovydoc comments in various ways And this book covers how Groovy supports Java type annotations and more There is more to Groovy than the core language so Learning Groovy 3 Second Edition covers the extended Groovy ecosystem You'll see how to harness Gradle Groovy's build system Grails Groovy's web application framework Spock Groovy's testing framework and Ratpack Groovy's reactive web library What You Will Learn Grasp Groovy fundamentals including the GDK Master advanced Groovy such as writing Groovy DSLs Discover functional programming in Groovy Work with GParas the built-in concurrency library Use Gradle the build system Master Grails the web application framework Work with Spock the testing framework Harness Ratpack the reactive web library Who This Book Is For Those with a Java background though anyone with basic programming skills can benefit from it This book is a data-filled yet easy-to-digest tour of the Groovy language and ecosystem

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Table of Contents Beginning Groovy Grails And Griffon

1. Understanding the eBook Beginning Groovy Grails And Griffon
 - The Rise of Digital Reading Beginning Groovy Grails And Griffon
 - Advantages of eBooks Over Traditional Books
2. Identifying Beginning Groovy Grails And Griffon
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Beginning Groovy Grails And Griffon
 - User-Friendly Interface
4. Exploring eBook Recommendations from Beginning Groovy Grails And Griffon
 - Personalized Recommendations
 - Beginning Groovy Grails And Griffon User Reviews and Ratings

- Beginning Groovy Grails And Griffon and Bestseller Lists
- 5. Accessing Beginning Groovy Grails And Griffon Free and Paid eBooks
 - Beginning Groovy Grails And Griffon Public Domain eBooks
 - Beginning Groovy Grails And Griffon eBook Subscription Services
 - Beginning Groovy Grails And Griffon Budget-Friendly Options
- 6. Navigating Beginning Groovy Grails And Griffon eBook Formats
 - ePub, PDF, MOBI, and More
 - Beginning Groovy Grails And Griffon Compatibility with Devices
 - Beginning Groovy Grails And Griffon Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Beginning Groovy Grails And Griffon
 - Highlighting and Note-Taking Beginning Groovy Grails And Griffon
 - Interactive Elements Beginning Groovy Grails And Griffon
- 8. Staying Engaged with Beginning Groovy Grails And Griffon
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Beginning Groovy Grails And Griffon
- 9. Balancing eBooks and Physical Books Beginning Groovy Grails And Griffon
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Beginning Groovy Grails And Griffon
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Beginning Groovy Grails And Griffon
 - Setting Reading Goals Beginning Groovy Grails And Griffon
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Beginning Groovy Grails And Griffon
 - Fact-Checking eBook Content of Beginning Groovy Grails And Griffon
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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