Groovy and Grails

From Novice to Professional

A practical tutorial to agile web development for the Java platform using Groovy and Grails.





Christopher M. Judd, Joseph Faisal Nusairat, and James Shingler

Foreword by Graeme Rocher, Grails Project Lead

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Beginning Groovy And Grails From Novice To Professional

Joseph Faisal Nusairat

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Beginning Groovy and Grails Jim Shingler, Joseph Faisal Nusairat, Christopher M Judd, 2008-09-22 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 and Grails is the first introductory book on the Groovy language and its primary web framework Grails This book gets you started with Groovy and Grails 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

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 deskop 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 Grails 2: A Quick-Start Guide Dave Klein, Ben Klein, 2013-12-12 Grails is a full stack web development framework that enables you to build complete web applications in a fraction of the time and with less code than other frameworks Grails uses the principle of convention over configuration and the dynamic Groovy programming language This revised and updated new edition shows you how to use Grails by iteratively building a unique working application By the time you re done you ll have built and deployed a real functioning website Using this hands on pragmatic approach you ll explore topics such as Ajax in Grails custom tags and plugins You ll dig into Grails powerful view technology Groovy Server Pages and see how you can easily leverage the help offered by scaffolding to create custom user interfaces faster than you would have thought possible Along the way you ll learn about domain classes controllers and GSP views And you ll see how Grails enables you to use powerful frameworks such as Spring and Hibernate With Grails you can get a lot

done with little effort With this book you ll get a lot done as well Get started with Grails today What You Need Grails 2 will run on any machine that supports Java Grails applications can be deployed on any Java Servlet container including Tomcat **Tetty WebLogic IBoss and Websphere** Beginning Java EE 6 Platform with GlassFish 3 Antonio Goncalves, 2009-07-21 Java Enterprise Edition Java EE continues to be one of the leading Java technologies and platforms from Oracle previously Sun Beginning Java EE 6 Platform with GlassFish 3 Second Edition is this first tutorial book on the final RTM version of the Java EE 6 Platform Step by step and easy to follow this book describes many of the Java EE 6 specifications and reference implementations and shows them in action using practical examples This book uses the new version of GlassFish 3 to deploy and administer the code examples Written by an expert member of the Java EE 6 specification request and review board in the Java Community Process JCP this book contains the best information possible from an expert s perspective on enterprise Java technologies **Groovy и Grails. Практические советы** Башар Абдул-Джавад,2022-01-29 Java Groovy Grails Groovy Web Grails Java Groovy Web Java Struts Java Grails Java Groovy Web Grails Web Scalability for Startup Engineers Artur Ejsmont, 2015-07-03 This invaluable roadmap for startup engineers reveals how to successfully handle web application scalability challenges to meet increasing product and traffic demands Web Scalability for Startup Engineers shows engineers working at startups and small companies how to plan and implement a comprehensive scalability strategy It presents broad and holistic view of infrastructure and architecture of a scalable web application Successful startups often face the challenge of scalability and the core concepts driving a scalable architecture are language and platform agnostic The book covers scalability of HTTP based systems websites REST APIs SaaS and mobile application backends starting with a high level perspective before taking a deep dive into common challenges and issues This approach builds a holistic view of the problem helping you see the big picture and then introduces different technologies and best practices for solving the problem at hand The book is enriched with the author's real world experience and expert advice saving you precious time and effort by learning from others mistakes and successes Language agnostic approach addresses universally challenging concepts in Web development scalability does not require knowledge of a particular language Fills the gap for engineers in startups and smaller companies who have limited means for getting to the next level in terms of accomplishing scalability Strategies presented help to decrease time to market and increase the efficiency of web applications Beginning IBoss Seam Joseph Faisal Nusairat, 2007-02-25 Reacting to the popularity of Java 2 0 Enterprise Edition alternatives such as Ruby on Rails and the enterprise Spring Framework Red Hat JBoss Inc developed JBoss Seam a new open source lightweight Java EE 5 based contextual application development framework Beginning JBoss Seam From Novice to Professional gets you started as the first book on this popular framework **Learning Groovy** Adam L. Davis, 2016-08-05 Start building powerful apps that take advantage of the dynamic scripting capabilities of the Groovy language 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 There is more to Groovy than the core language so Learning Groovy 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 ll Learn Grasp Groovy fundamentals including the GDK or Groovy Development Kit Master advanced Groovy such as writing Groovy DSLs Discover functional programming in Groovy Work with GPars 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 Although this book is intended for those with a Java background anyone with basic programming skills could benefit from it This book is a data filled yet easy to digest tour of the Groovy language and ecosystem 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 K nig Paul King Guillaume Laforge Hamlet D Arcy C dric 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 GPars Domain specific languages The Groovy ecosystem *Groovy and Grails Recipes* Bashar Jawad,2008-11-01 Groovy and Grails Recipes is the busy developer s guide to developing applications in Groovy and Grails Rather than boring you with theoretical knowledge of yet another language framework this book delves straight into solving real life problems in Groovy and Grails using easy to understand well explained code snippets Through learning by example you will be able to pick up on Groovy and Grails quickly and use the book as an essential reference when developing applications

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