

Camel In Action

After witnessing a shocking murder, four conspiracy theorists team up with a Secret Service agent to uncover the government corruption that threatens to cause an international terrorism crisis in this New York Times bestselling thriller. Welcome to THE CAMEL CLUB. Existing at the fringes of Washington, D.C., the Club consists of four eccentric members. Led by a mysterious man known as "Oliver Stone," they study conspiracy theories, current events, and the machinations of government to discover the "truth" behind the country's actions. Their efforts bear little fruit--until the group witnesses a shocking murder...and becomes embroiled in an astounding, far-reaching conspiracy. Now the Club must join forces with a Secret Service agent to confront one of the most chilling spectacles ever to take place on American soil--an event that may trigger the ultimate war between two different worlds. And all that stands in the way of this apocalypse is five unexpected heroes.

Do you get books from a public library in your town or even in your school library? In many remote areas of the world, there are no library buildings. In many countries, books are delivered in unusual way: by bus, boat, elephant, donkey, train, even by wheelbarrow. Why would librarians go to the trouble of packing books on the backs of elephants or driving miles to deliver books by bus? Because, as one librarian in Azerbaijan says, "Books are as important to us as air or water!" This is the intriguing photo essay, a celebration of books, readers, and libraries.

I put this story line together with a Middle Eastern background. It is where I created and shared this story with many Iraqi children. Islam has angels too and I do believe that with all of the hatred that is in this world, children should

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never be a part of it! Children of all ages can enjoy this book, from Kindergarten to the 6th grade This story explains diversity. I have always used it as a tool to explain how wrong it is to hate other people because of how they pray or worship. Questions can be asked throughout the entire story of how wrong it is to mistreat others because of the color of their skin, where they are from. Being mean to another because they are hungry or hurt. I did make reference to bullying which a teacher can stop and ask the important question of being mean for no reason. The story explains what can happen to people who do not tell the truth.

This book is written in a Cookbook style with short recipes showing developers how to effectively implement EIP without breaking everything in the process. It is concise and to the point, and it helps developers get their data flowing between different components without the need to read through page upon page of theory, while also enabling the reader to learn how to create exciting new projects. Camel Enterprise Integration Cookbook is intended for developers who have some familiarity with Apache Camel and who want a quick lookup reference to practical, proven tips on how to perform common tasks. Every recipe also includes a summary and reference pointers for more details that make it easy for you to get a deeper understanding of the Apache Camel capabilities that you will use day to day.

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

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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 König, 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

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and JSON Interacting with Web Services Integrating Groovy
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Summary Kubernetes in Action is a comprehensive guide to effectively developing and running applications in a Kubernetes environment. Before diving into Kubernetes, the book gives an overview of container technologies like Docker, including how to build containers, so that even readers who haven't used these technologies before can get up and running. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Kubernetes is Greek for "helmsman," your guide through unknown waters. The Kubernetes container orchestration system safely manages the structure and flow of a distributed application, organizing containers and services for maximum efficiency. Kubernetes serves as an operating system for your clusters, eliminating the need to factor the underlying network and server infrastructure into your designs. About the Book Kubernetes in Action teaches you to use Kubernetes to deploy container-based distributed applications. You'll start with an overview of Docker and Kubernetes before building your first Kubernetes cluster. You'll gradually expand your initial application, adding features and deepening your knowledge of Kubernetes architecture and operation. As you navigate this comprehensive guide, you'll explore high-value topics like monitoring, tuning, and scaling. What's Inside Kubernetes' internals Deploying containers across a cluster Securing clusters Updating applications with zero downtime About the Reader Written for intermediate software developers with little or no familiarity with Docker or container orchestration systems. About the Author Marko Luksa is an engineer at Red Hat working on Kubernetes and OpenShift. Table of

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This book will provide you with the skills you need to efficiently create routes using Apache Camel. After briefly introducing the key features and core concepts of Camel, the book will take you through all the important features and components, starting with routing and processors. You will learn how to use beans in Camel routes, covering everything from supported registries and annotations, to the creation of an OSGi bundle and writing route definitions with Blueprint DSL. Leverage the Enterprise Integration Patterns (EIPs) supported by Camel and implement them in your routes. You will then see how components and endpoints handle exchanges in Camel, and how you can use them to create a complete and powerful mediation framework. You will finally learn how to tackle errors and perform testing to ensure that your integration projects are working successfully.

When Lucene first hit the scene five years ago, it was nothing short of amazing. By using this open-source, highly scalable, super-fast search engine developers could integrate search

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into applications quickly and efficiently. A lot has changed since then—search has grown from a "nice-to-have" feature into an indispensable part of most enterprise applications. Lucene now powers search in diverse companies including Akamai, Netflix, LinkedIn, Technorati, HotJobs, Epiphany, FedEx, Mayo Clinic, MIT, New Scientist Magazine, and many others. Some things remain the same, though. Lucene still delivers high-performance search features in a disarmingly easy-to-use API. Due to its vibrant and diverse open-source community of developers and users, Lucene is relentlessly improving, with evolutions to APIs, significant new features such as payloads, and a huge increase (as much as 8x) in indexing speed with Lucene 2.3. And with clear writing, reusable examples, and unmatched advice on best practices, *Lucene in Action, Second Edition* is still the definitive guide to developing with Lucene. 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.

"The definitive guide, not just for JUnit, but unit testing in general." ---Tyson S. Maxwell, Raytheon --

Perfect for fans of *The One and Only Ivan*, this exquisite middle grade novel from Newbery Honoree and National Book Award finalist Kathi Appelt follows an old camel out to save two baby kestrel chicks during a massive storm in the Texas desert—filled with over a dozen illustrations by Caldecott winner Eric Rohmann. Zada is a camel with a treasure trove of stories to tell. She's won camel races for the royal Pasha of Smyrna, crossed treacherous oceans to new land, led army missions with her best camel friend by her side, and outsmarted a far too pompous mountain lion. But those stories were from before. Now, Zada wanders the desert as the last camel in Texas. But she's not alone. Two tiny kestrel chicks are nestled in the fluff of fur between her ears—kee-killy-keeing for their missing parents—and a dust

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storm the size of a mountain is taking Zada on one more grand adventure. And it could lead to this achy old camel's most brilliant story yet.

Systems programming provides the foundation for the world's computation. Writing performance-sensitive code requires a programming language that puts programmers in control of how memory, processor time, and other system resources are used. The Rust systems programming language combines that control with a modern type system that catches broad classes of common mistakes, from memory management errors to data races between threads. With this practical guide, experienced systems programmers will learn how to successfully bridge the gap between performance and safety using Rust. Jim Blandy, Jason Orendorff, and Leonora Tindall demonstrate how Rust's features put programmers in control over memory consumption and processor use by combining predictable performance with memory safety and trustworthy concurrency. You'll learn: Rust's fundamental data types and the core concepts of ownership and borrowing How to write flexible, efficient code with traits and generics How to write fast, multithreaded code without data races Rust's key power tools: closures, iterators, and asynchronous programming Collections, strings and text, input and output, macros, unsafe code, and foreign function interfaces This revised, updated edition covers the Rust 2021 Edition. Camel in Action, Second Edition is the definitive guide to the Camel framework. It starts with core concepts like sending, receiving, routing, and transforming data. It then goes in depth on many topics such as how to develop, debug, test, deal with errors, secure, scale, cluster, deploy, and monitor your Camel applications. The book also discusses how to run Camel with microservices, reactive systems, containers, and in the cloud.

Filled with practical, step-by-step instructions and clear

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explanations for the most important and useful tasks. This short, instruction-based guide shows you how to perform application integration using the industry standard Enterprise Integration Patterns. This book is intended for Java developers who are new to Apache Camel and message-oriented applications.

Summary Akka in Action is a comprehensive tutorial on building message-oriented systems using Akka. The book takes a hands-on approach, where each new concept is followed by an example that shows you how it works, how to implement the code, and how to (unit) test it. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Akka makes it relatively easy to build applications in the cloud or on devices with many cores that efficiently use the full capacity of the computing power available. It's a toolkit that provides an actor programming model, a runtime, and required support tools for building scalable applications. About the Book Akka in Action shows you how to build message-oriented systems with Akka. This comprehensive, hands-on tutorial introduces each concept with a working example. You'll start with the big picture of how Akka works, and then quickly build and deploy a fully functional REST service out of actors. You'll explore test-driven development and deploying and scaling fault-tolerant systems. After mastering the basics, you'll discover how to model immutable messages, implement domain models, and apply techniques like event sourcing and CQRS. You'll also find a tutorial on building streaming applications using akka-stream and akka-http. Finally, you'll get practical advice on how to customize and extend your Akka system. What's Inside Getting concurrency right Testing and performance tuning Clustered and cloud-based applications Covers Akka version 2.4 About the Reader This book assumes that you're comfortable with

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Java and Scala. No prior experience with Akka required.

About the Authors A software craftsman and architect, Raymond Roestenburg is an Akka committer. Rob Bakker specializes in concurrent back-end systems and systems integration. Rob Williams has more than 20 years of product development experience.

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Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

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Summary BDD in Action teaches you the Behavior-Driven Development model and shows you how to integrate it into your existing development process. First you'll learn how to apply BDD to requirements analysis to define features that focus your development efforts on underlying business goals. Then, you'll discover how to automate acceptance criteria and use tests to guide and report on the development process. Along the way, you'll apply BDD principles at the coding level to write more maintainable and better documented code. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology You can't write good software if you don't understand what it's supposed to do. Behavior-Driven Development (BDD) encourages teams to use conversation and concrete examples to build up a shared understanding of how an application should work and which features really matter. With an emerging body of best practices and sophisticated new tools that assist in requirement analysis and test automation, BDD has become a hot, mainstream practice. About the Book BDD in Action teaches you BDD principles and practices and shows you how to integrate them into your existing development process, no matter what language you use. First, you'll apply BDD to requirements analysis so you can focus your development efforts on underlying business goals. Then, you'll discover how to automate acceptance criteria and use tests to guide and report on the development process. Along the way, you'll apply BDD principles at the coding level to write more maintainable and better documented code. No prior experience with BDD is required. What's Inside BDD theory and practice How BDD will affect your team BDD for acceptance, integration, and unit testing Examples in Java, .NET, JavaScript, and more Reporting and living documentation About the Author John Ferguson Smart is a

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specialist in BDD, automated testing, and software lifecycle development optimization. Table of Contents PART 1: FIRST STEPS Building software that makes a difference BDD—the whirlwind tour PART 2: WHAT DO I WANT? DEFINING REQUIREMENTS USING BDD Understanding the business goals: Feature Injection and related techniques Defining and illustrating features From examples to executable specifications Automating the scenarios PART 3: HOW DO I BUILD IT? CODING THE BDD WAY From executable specifications to rock-solid automated acceptance tests Automating acceptance criteria for the UI layer Automating acceptance criteria for non-UI requirements BDD and unit testing PART 4: TAKING BDD FURTHER Living Documentation: reporting and project management BDD in the build process

Summary Kafka Streams in Action teaches you everything you need to know to implement stream processing on data flowing into your Kafka platform, allowing you to focus on getting more from your data without sacrificing time or effort. Foreword by Neha Narkhede, Cocreator of Apache Kafka Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Not all stream-based applications require a dedicated processing cluster. The lightweight Kafka Streams library provides exactly the power and simplicity you need for message handling in microservices and real-time event processing. With the Kafka Streams API, you filter and transform data streams with just Kafka and your application. About the Book Kafka Streams in Action teaches you to implement stream processing within the Kafka platform. In this easy-to-follow book, you'll explore

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real-world examples to collect, transform, and aggregate data, work with multiple processors, and handle real-time events. You'll even dive into streaming SQL with KSQL! Practical to the very end, it finishes with testing and operational aspects, such as monitoring and debugging. What's inside Using the KStreams API Filtering, transforming, and splitting data Working with the Processor API Integrating with external systems About the Reader Assumes some experience with distributed systems. No knowledge of Kafka or streaming applications required. About the Author Bill Bejeck is a Kafka Streams contributor and Confluent engineer with over 15 years of software development experience.

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Summary Revised and updated for Elixir 1.7, Elixir in Action, Second Edition teaches you how to apply Elixir to practical problems associated with scalability, fault tolerance, and high availability. Along the way, you'll develop an appreciation for, and considerable skill in, a functional and concurrent style of programming.

Purchase of the print book includes a free eBook in PDF,

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Kindle, and ePub formats from Manning Publications.

About the Technology When you're building mission-critical software, fault tolerance matters. The Elixir programming language delivers fast, reliable applications, whether you're building a large-scale distributed system, a set of backend services, or a simple web app. And Elixir's elegant syntax and functional programming mindset make your software easy to write, read, and maintain.

About the Book Elixir in Action, Second Edition teaches you how to build production-quality distributed applications using the Elixir programming language. Author Saša Juri? introduces this powerful language using examples that highlight the benefits of Elixir's functional and concurrent programming. You'll discover how the OTP framework can radically reduce tedious low-level coding tasks. You'll also explore practical approaches to concurrency as you learn to distribute a production system over multiple machines.

What's inside Updated for Elixir 1.7

- Functional and concurrent programming
- Introduction to distributed system design
- Creating deployable releases

About the Reader You'll need intermediate skills with client/server applications and a language like Java, C#, or Ruby. No previous experience with Elixir required.

About the Author Saša Juri? is a developer with extensive experience using Elixir and Erlang in complex server-side systems.

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components Building a distributed system Running the system

Summary Grails in Action, Second Edition is a comprehensive introduction to Grails 2 focused on making you super-productive fast. In this totally revised new edition, you'll master Grails 2.3 core skills as you apply TDD techniques to developing a full-scale Twitter clone. Along the way you'll learn the latest single-page web app UI techniques, work with NoSQL backends, integrate with enterprise messaging, and implement a complete RESTful API for your services. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology It may be time for you to stop reconfiguring, rewriting, and recompiling your Java web apps. Grails, a Groovy-powered web framework, hides all that busy work so you can concentrate on what your applications do, not how they're built. In addition to its famously intuitive dev environment and seamless integration with Spring and Hibernate, the new Grails 2.3 adds improved REST support, better protection against attacks from the web, and better dependency resolution. About the Book Grails in Action, Second Edition is a comprehensive introduction to Grails 2. In this totally revised edition you'll master Grails as you apply TDD techniques to a full-scale example (a Twitter clone). Along the way you'll learn single-page web app techniques, work with NoSQL back ends, integrate with enterprise messaging, implement a RESTful API ... and more. No Java or Groovy knowledge is required. Some web development and OOP experience is helpful. What's Inside Covers

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Grails 2.3 from the ground up Agile delivery and testing using Spock How to use and manage plugins Tips and tricks from the trenches About the Authors There's no substitute for experience: Glen Smith and Peter Ledbrook have been fixtures in the Grails community, contributing code, blogging, and speaking at conferences worldwide, since Grails 0.2. Table of Contents PART 1 INTRODUCING GRAILS Grails in a hurry The Groovy essentials PART 2 CORE GRAILS Modeling the domain 63 Creating the initial UI Retrieving the data you need Controlling application flow Services and data binding Developing tasty forms, views, and layouts PART 3 EVERYDAY GRAILS Building reliable applications Using plugins: just add water Protecting your application Exposing your app to other programs Single-page web applications (and other UI stuff) Understanding Spring and transactions PART 4 ADVANCED GRAILS Understanding events, messaging, and scheduling NoSQL and Grails Beyond compile, test, run Grails in the cloud BONUS ONLINE CHAPTERS Advanced GORM kung fu Developing plugins

Summary Solr in Action is a comprehensive guide to implementing scalable search using Apache Solr. This clearly written book walks you through well-documented examples ranging from basic keyword searching to scaling a system for billions of documents and queries. It will give you a deep understanding of how to implement core Solr capabilities. About the Book Whether you're handling big (or small) data, managing documents, or building a website, it is important to be able to quickly search through your content and discover meaning in it.

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Apache Solr is your tool: a ready-to-deploy, Lucene-based, open source, full-text search engine. Solr can scale across many servers to enable real-time queries and data analytics across billions of documents. Solr in Action teaches you to implement scalable search using Apache Solr. This easy-to-read guide balances conceptual discussions with practical examples to show you how to implement all of Solr's core capabilities. You'll master topics like text analysis, faceted search, hit highlighting, result grouping, query suggestions, multilingual search, advanced geospatial and data operations, and relevancy tuning. This book assumes basic knowledge of Java and standard database technology. No prior knowledge of Solr or Lucene is required. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside

- How to scale Solr for big data
- Rich real-world examples
- Solr as a NoSQL data store
- Advanced multilingual, data, and relevancy tricks
- Coverage of versions through Solr 4.7

About the Authors

Trey Grainger is a director of engineering at CareerBuilder. Timothy Potter is a senior member of the engineering team at LucidWorks. The authors work on the scalability and reliability of Solr, as well as on recommendation engine and big data analytics technologies.

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to production PART 3 TAKING SOLR TO THE NEXT LEVEL SolrCloud Multilingual search Complex query operations Mastering relevancy

Summary Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. Fully updated for Spark 2.0. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Big data systems distribute datasets across clusters of machines, making it a challenge to efficiently query, stream, and interpret them. Spark can help. It is a processing system designed specifically for distributed data. It provides easy-to-use interfaces, along with the performance you need for production-quality analytics and machine learning. Spark 2 also adds improved programming APIs, better performance, and countless other upgrades. About the Book Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. You'll get comfortable with the Spark CLI as you work through a few introductory examples. Then, you'll start programming Spark using its core APIs. Along the way, you'll work with structured data using Spark SQL, process near-real-time streaming data, apply machine learning algorithms, and munge graph data using Spark GraphX. For a zero-effort startup, you can download the preconfigured virtual machine ready for you to try the book's code. What's Inside Updated for Spark 2.0 Real-life case studies Spark DevOps with Docker Examples in Scala, and online in Java and Python About the Reader Written for experienced programmers with some

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background in big data or machine learning. About the Authors Petar Ze?evi? and Marko Bona?i are seasoned developers heavily involved in the Spark community.

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“Oliver Hogue (1880-1919), journalist and soldier, was born on 29 April 1880 in Sydney ... He enlisted in the Australian Imperial Force in Sep. 1914 as a trooper with the 6th Light Horse Regiment. Commissioned second lieutenant in Nov., he sailed for Egypt with the 2nd L.H. Brigade in the Suevic in Dec.. Hogue served on Gallipoli with the Light Horse (dismounted) for five months, then was invalided to England with enteric fever. In May 1915 he was promoted lieutenant and appointed orderly officer to Colonel Ryrie, the brigade commander. As ‘Trooper Bluegum’ he wrote articles for the Herald subsequently collected in the books *Love Letters of an Anzac* and *Trooper Bluegum at the Dardanelles*. Sometimes representing war as almost a sport, he took pride in seeing ‘the way our young Australians played the game of war’. Hogue returned from hospital in England to the 6th L.H. in Sinai and fought in the decisive battle of

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Romani. Transferred to the Imperial Camel Corps on 1 Nov. 1916, he was promoted captain on 3 July 1917. He fought with the Camel Corps at Magdhaba, Rafa, Gaza, Tel el Khuweilfe, Musallabeh, and was with them in the first trans-Jordan raid to Amman. In 1917 Hogue led the 'Pilgrim's Patrol' of fifty Cameliers and two machine-guns into the Sinai desert to Jebel Mousa, to collect Turkish rifles from the thousands of Bedouins in the desert. After the summer of 1918, spent in the Jordan Valley, camels were no longer required. The Cameliers were given horses and swords and converted into cavalry. Hogue, promoted major on 1 July 1918, was now in Brigadier General George Macarthur-Onslow's 5th L.H. Brigade, commanding a squadron of the 14th L.H. Regiment. At the taking of Damascus by the Desert Mounted Corps in Sep. 1918, the 5th Brigade stopped the Turkish Army escaping through the Barada Gorge. As well as the articles sent to Australia, and some in English magazines, Hogue wrote a third book, *The Cameliers,...*"-Aust. Dict. of Nat. Bio.

Larry Heron of Hopedale, Massachusetts, was severely wounded and disfigured in combat in World War II. His life was lived painfully, but honorably, raising a family and contributing to the welfare of his fellow veterans in the local community. Larry Heron leaves a proud legacy, a man who stood for the best of his country, gravely wounded, fighting insurmountable odds to survive his injuries and take back his life. His life is told from the perspective of his wife Azelia Noferi Heron.

Would you like to use a consistent visual notation for drawing integration solutions? "Look inside the front

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cover." Do you want to harness the power of asynchronous systems without getting caught in the pitfalls? "See "Thinking Asynchronously" in the Introduction." Do you want to know which style of application integration is best for your purposes? "See Chapter 2, Integration Styles." Do you want to learn techniques for processing messages concurrently? "See Chapter 10, Competing Consumers and Message Dispatcher." Do you want to learn how you can track asynchronous messages as they flow across distributed systems? "See Chapter 11, Message History and Message Store." Do you want to understand how a system designed using integration patterns can be implemented using Java Web services, .NET message queuing, and a TIBCO-based publish-subscribe architecture? "See Chapter 9, Interlude: Composed Messaging." Utilizing years of practical experience, seasoned experts Gregor Hohpe and Bobby Woolf show how asynchronous messaging has proven to be the best strategy for enterprise integration success. However, building and deploying messaging solutions presents a number of problems for developers. "Enterprise Integration Patterns" provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book

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offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book. 0321200683B09122003 Summary Camel in Action, Second Edition is the most complete Camel book on the market. Written by core developers of Camel and the authors of the highly acclaimed first edition, this book distills their experience and practical insights so that you can tackle integration tasks like a pro. Forewords by James Strachan and Dr. Mark Little Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Apache Camel is a Java framework that implements enterprise integration patterns (EIPs) and comes with over 200 adapters to third-party systems. A concise DSL lets you build integration logic into your app with just a few lines of Java or XML. By using Camel, you benefit from the testing and experience of a large and vibrant open source community. About the Book Camel in Action, Second Edition is the definitive guide to the Camel

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framework. It starts with core concepts like sending, receiving, routing, and transforming data. It then goes in depth on many topics such as how to develop, debug, test, deal with errors, secure, scale, cluster, deploy, and monitor your Camel applications. The book also discusses how to run Camel with microservices, reactive systems, containers, and in the cloud. What's Inside Coverage of all relevant EIPs Camel microservices with Spring Boot Camel on Docker and Kubernetes Error handling, testing, security, clustering, monitoring, and deployment Hundreds of examples in Java and XML About the Reader Readers should be familiar with Java. This book is accessible to beginners and invaluable to experts. About the Author Claus Ibsen is a senior principal engineer working for Red Hat specializing in cloud and integration. He has worked on Apache Camel for the last nine years where he heads the project. Claus lives in Denmark. Jonathan Anstey is an engineering manager at Red Hat and a core Camel contributor. He lives in Newfoundland, Canada. Table of Contents Part 1 - First steps Meeting Camel Routing with Camel Part 2 - Core Camel Transforming data with Camel Using beans with Camel Enterprise integration patterns Using components Part 3 - Developing and testing Microservices Developing Camel projects Testing RESTful web services Part 4 - Going further with Camel Error handling Transactions and idempotency Parallel processing Securing Camel Part 5 - Running and managing Camel Running and deploying Camel Management and monitoring Part 6 - Out in the wild Clustering Microservices with Docker and Kubernetes

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Camel tooling Bonus online chapters Available at <https://www.manning.com/books/camel-in-action-second-edition>

and in electronic versions of this book: Reactive Camel Camel and the IoT by Henryk Konsek

From the perspective of village activists across China, this book tells the stories of farmers and rural laborers who raised the banner of opposition to constitutional reform during the first decade of the twentieth century.

The author brings to life the stories of the Camel King of Zunhua county, Qu Shiwen and the Four Mountains of Laiyang county, and many others who criticized

government modernization efforts, known collectively as the New Policy. Using county archives—including oral histories—as well as memoirs, periodical literature, missionary records, and official documents both Chinese and foreign, *Of Camel Kings and Other Things*

constructs, from fragmented sources, a coherent historical view vital to our understanding of China's twentieth-century crises and the dilemmas of modernity itself.

The Sex God has left the country, taking Georgia's heart with him. So she decides to display glaucosity to all boys -- a girl can only have her heart broken so many times. Until she meets Masimo, the new singer for the Stiff Dylans. The Sex God is gone, but here comes the Dreamboat, and Georgia's away laughing on a fast camel (whatever that means).

Most modern business systems include independent applications that exchange information with each other—a technique usually called enterprise integration. An architectural approach called the Enterprise Service Bus

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(ESB) offers developers a way to handle the messages between those independent applications without creating a lot of custom code. While commercial ESB solutions can be quite expensive to implement and maintain, a set of high-quality open source ESB tools offer the same functionality at a substantially lower cost. Open Source ESBs in Action shows you how to implement and use two open source ESB implementations: Mule and ServiceMix. The authors introduce you to these freely-available ESB tools and present practical examples of how to use them in real-world scenarios. You will learn how the various features of an ESB such as transformation, routing, security, connectivity and more can be implemented using Mule and ServiceMix. You will also learn how to solve common enterprise integration problems using a structured approach. Beyond simply learning how Mule and Service Mix work, you'll learn the core techniques of ESB implementation such as Process Choreography, or the implementation of complex business processes through an ESB, and Service Orchestration, or exposing a set of services as a single service. The book shows you the fundamentals of ESB-based event processing and Quality of Service concerns like security, reliable delivery, and transaction management. Working in integration projects is exciting, with new technologies and paradigms arriving every day. Open Source technologies like Mule and ServiceMix both offer lower-cost solutions and a higher degree of innovation than commercial ESB implementations. Open Source ESBs in Action will help you master ESB-driven integration techniques quickly and will provide you with

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knowledge you need to work effectively with Mule and ServiceMix. 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.

“Robbins’s comic philosophical musings reveal a flamboyant genius.”—People Still Life with Woodpecker is a sort of a love story that takes place inside a pack of Camel cigarettes. It reveals the purpose of the moon, explains the difference between criminals and outlaws, examines the conflict between social activism and romantic individualism, and paints a portrait of contemporary society that includes powerful Arabs, exiled royalty, and pregnant cheerleaders. It also deals with the problem of redheads.

Summary R in Action, Second Edition presents both the R language and the examples that make it so useful for business developers. Focusing on practical solutions, the book offers a crash course in statistics and covers elegant methods for dealing with messy and incomplete data that are difficult to analyze using traditional methods. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on time series analysis, cluster analysis, and classification methodologies, including decision trees, random forests, and support vector machines. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Business pros and researchers thrive on data, and R speaks the language of data analysis. R is a powerful programming language for statistical

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computing. Unlike general-purpose tools, R provides thousands of modules for solving just about any data-crunching or presentation challenge you're likely to face. R runs on all important platforms and is used by thousands of major corporations and institutions worldwide. About the Book R in Action, Second Edition teaches you how to use the R language by presenting examples relevant to scientific, technical, and business developers. Focusing on practical solutions, the book offers a crash course in statistics, including elegant methods for dealing with messy and incomplete data. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on forecasting, data mining, and dynamic report writing.

What's Inside Complete R language tutorial Using R to manage, analyze, and visualize data Techniques for debugging programs and creating packages OOP in R Over 160 graphs About the Author Dr. Rob Kabacoff is a seasoned researcher and teacher who specializes in data analysis. He also maintains the popular Quick-R website at statmethods.net.

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PART 4 ADVANCED METHODS Generalized linear models Principal components and factor analysis Time series

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Cluster analysis Classification Advanced methods for missing data PART 5 EXPANDING YOUR SKILLS
Advanced graphics with ggplot2 Advanced programming
Creating a package Creating dynamic reports Advanced graphics with the lattice package available online only from manning.com/kabacoff2

GraphQL in Action gives you the tools to get comfortable with the GraphQL language, build and optimize a data API service, and use it in a front-end client application. Summary Reduce bandwidth demands on your APIs by getting only the results you need—all in a single request! The GraphQL query language simplifies interactions with web servers, enabling smarter API queries that can hugely improve the efficiency of data requests. In GraphQL in Action, you'll learn how to bring those benefits to your own APIs, giving your clients the power to ask for exactly what they need from your server, no more, no less. Practical and example-driven, this book teaches everything you need to get started with GraphQL—from design principles and syntax right through to performance optimization. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology GraphQL APIs are fast, efficient, and easy to maintain. They reduce app latency and server cost while boosting developer productivity. This powerful query layer offers precise control over API requests and returns, making apps faster and less prone to error. About the book GraphQL in Action gives you the tools to get comfortable with the GraphQL language, build and optimize a data API service, and use it in a front-end

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client application. By working through set up, security, and error handling you'll learn to create a complete GraphQL server. You'll also unlock easy ways to incorporate GraphQL into your existing codebase so you can build simple, scalable data APIs. What's inside

- Define a GraphQL schema for relational and document databases
- Implement GraphQL types using both the schema language and object constructor methods
- Optimize GraphQL resolvers with data caching and batching
- Design GraphQL fragments that match UI components' data requirements
- Consume GraphQL API queries, mutations, and subscriptions with and without a GraphQL client library

About the reader For web developers familiar with client-server applications. About the author Samer Buna has over 20 years of experience in software development including front-ends, back-ends, API design, and scalability. Table of Contents

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Camel in ActionManning Publications

The Camel King - A Middle-Grade children's bed storybook filled with a serendipitous tale about a talking came and two brave and kind English siblings traveling to Egypt. Explore this fantastic book and travel aboard the English ship the

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Castle One as the children Peter and Sarah embark in a serendipitous trip to Egypt. When the children are kidnapped by desert thieves, the White Talking Camel that roams the desert comes to rescue the siblings helping them to escape. The children's desert adventure takes them through the Sahara to the great pyramids of Giza. From there the children they seek the magic door and seek to escape from the king of Egypt wanting the talking camel for his kingdom. The children and the White Talking Camel, a king from another world, must find the door for the camel return to his own home while the children must find their parents too for a happy ending. The Camel King is a book for children seeking to walk into the world of adventure of Peter and Sarah, the English children facing many adventures in the full action book. Read this book and walk with the children in their serendipitous escape. Walk the desert in this book with the brave and kind English children to enjoy the fantasy of their journeying through the desert in their way to Egypt. This is a book written for Middle-Grade children with plenty of action and entertainment. First book in the series of the Talking Came books. You can read this book free in Kindle version now. Share the book with friends and family or buy your book in print.

War has broken out in the Middle East and all foreigners are fleeing. Instead of escaping with his neighbors, Adam sneaks off to save his dog, which has been left behind. Lost in the desert, Adam meets Walid, an abused camel boy who is on the run. Together they struggle to survive the elements and elude the revengeful master from whom Walid has fled. Cultural and language barriers are wide, but with ingenuity and determination the two boys bridge their differences, helping each other to survive and learn what true friendship is.

Fiona Sweeney wants to do something that matters, and she chooses to make her mark in the arid bush of northeastern

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Kenya. By helping to start a traveling library, she hopes to bring the words of Homer, Hemingway, and Dr. Seuss to far-flung tiny communities where people live daily with drought, hunger, and disease. Her intentions are honorable, and her rules are firm: due to the limited number of donated books, if any one of them is not returned, the bookmobile will not return. But, encumbered by her Western values, Fi does not understand the people she seeks to help. And in the impoverished small community of Mididima, she finds herself caught in the middle of a volatile local struggle when the bookmobile's presence sparks a dangerous feud between the proponents of modernization and those who fear the loss of traditional ways.

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

Presents a first-person narrative from a camel's viewpoint about being sent from Egypt to serve in the United States Camel Corps, and life on the Mojave Desert before and during the Civil War. Reprint.

Pamela Camel isn't much of a circus performer, but

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preventing a train from derailing makes her a hero. When the world was new, the camel, a creature of 'scruciating idleness, said "Humph!" too often and received for all time a hump[h] from the Djinn of All Deserts.
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