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Sixth Edition

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Action **Spring In**

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Action Inclusion

in Action

California Causes of

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ASP.NET Core in

Action Kafka

Streams in Action

Photosynthesis in

Action **Blest Are**

We IText in Action

Process Mining in

Action **Entity**

Framework Core

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in Action Stories

of Your Life and

Others Spring

Microservices in

Action **SPRING IN**

ACTION:COVERS

SPRING 3.0, 3RD

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Family, and

Community

Partnerships

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PMML in Action

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Scholar's Edition

Kubernetes in

Action Herbal

Medicine

Antisepsis,

Disinfection, and

Sterilization

Social Groups in

Action and

Interaction

Windows

PowerShell in

Action **THE**

GREAT GATSBY

Modern Java in

Action Allies

Philosophy of

Action **Action**

Research *Finish*

What You Start

Guidelines for the

Evaluation and

Control of Lead-

based Paint

Hazards in

Housing Second

Decennial Edition

of the American

Digest **Social**

Problems

Evidence-based

Practice in Action

Android in Action

Technology in

Action, Complete

Social Groups in

Action and

Interaction reviews

and analyzes the

human group as it operates to create both social good and, potentially, social harm. It summarizes current knowledge and contemporary research, with real-world examples in succinct yet engaging chapters, to help students understand and predict group behavior. Unlike other texts, the book considers a wide range of topics—such as conformity, leadership, task performance, social identity, prejudice, and discrimination—from both an intragroup and an intergroup perspective. By looking at behavior both within and between groups, it bridges the gap

between these interconnected approaches. The second edition is thoroughly updated to include new discussion of the biology and neuroscience of group formation, recent developments in social identity theory, and recent advances in the study of social networks. It also includes questions for review and discussion in the classroom. It provides the most comprehensive and essential resource for courses on group dynamics and behavior. 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 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. Table of Contents PART 1 - GETTING STARTED WITH KAFKA STREAMS Welcome to Kafka Streams Kafka quicklyPART 2 - KAFKA STREAMS DEVELOPMENT Developing Kafka Streams Streams and state The KTable API The Processor APIPART 3 -

ADMINISTERING KAFKA STREAMS Monitoring and performance Testing a Kafka Streams applicationPART 4 - ADVANCED CONCEPTS WITH KAFKA STREAMS Advanced applications with Kafka StreamsAPPENDIX ES Appendix A - Additional configuration information Appendix B - Exactly once semantics Summary Spring Microservices in Action teaches you how to build microservice-based applications using Java and the Spring platform. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from

Manning Publications. About the technology Microservices break up your code into small, distributed, and independent services that require careful forethought and design. Fortunately, Spring Boot and Spring Cloud simplify your microservice applications, just as the Spring Framework simplifies enterprise Java development. Spring Boot removes the boilerplate code involved with writing a REST-based service. Spring Cloud provides a suite of tools for the discovery, routing, and deployment of microservices to

the enterprise and the cloud. About the Book Spring Microservices in Action teaches you how to build microservice-based applications using Java and the Spring platform. You'll learn to do microservice design as you build and deploy your first Spring Cloud application. Throughout the book, carefully selected real-life examples expose microservice-based patterns for configuring, routing, scaling, and deploying your services. You'll see how Spring's intuitive tooling can help augment and refactor existing applications with micro services. What's Inside Core microservice design

principles Managing configuration with Spring Cloud Config Client-side resiliency with Spring, Hystrix, and Ribbon Intelligent routing using Netflix Zuul Deploying Spring Cloud applications About the Reader This book is written for developers with Java and Spring experience. About the Author John Carnell is a senior cloud engineer with twenty years of experience in Java. Table of contents Welcome to the cloud, Spring Building microservices with Spring Boot Controlling your configuration with Spring Cloud configuration server On service discovery When bad

things happen:
client resiliency
patterns with
Spring Cloud and
Netflix Hystrix
Service routing
with Spring Cloud
and Zuul Securing
your microservices
Event-driven
architecture with
Spring Cloud
Stream Distributed
tracing with Spring
Cloud Sleuth and
Zipkin Deploying
your microservices
Summary A fully
revised edition that
covers the new
features available
in Clojure 1.6.
Purchase of the
print book includes
a free eBook in
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ePub formats from
Manning
Publications. About
the Technology
Clojure is a modern
Lisp for the JVM. It
has the strengths
you expect: first-

class functions,
macros, and Lisp's
clean programming
style. It supports
functional
programming,
making it ideal for
concurrent
programming and
for creating
domain-specific
languages. Clojure
lets you solve
harder problems,
make faster
changes, and end
up with a smaller
code base. It's no
wonder that there
are so many Clojure
success stories.
About the Book
Clojure in Action,
Second Edition is
an expanded and
improved version
that's been updated
to cover the new
features of Clojure
1.6. The book gives
you a rapid
introduction to the
Clojure language,
moving from

abstract theory to
practical examples.
You'll start by
learning how to use
Clojure as a
general-purpose
language. Next,
you'll explore
Clojure's efficient
concurrency model,
based on the
database concept of
Software
Transactional
Memory (STM).
You'll gain a new
level of productivity
through Clojure
DSLs that can run
on the JVM. Along
the way, you'll learn
countless tips,
tricks, and
techniques for
writing smaller,
safer, and faster
code. What's Inside
Functional
programming
basics
Metaprogramming
with Clojure's
macros
Interoperating with

Java Covers Clojure
1.6 About the
Reader Assumes
readers are familiar
with a
programming
language like C,
Java, Ruby, or
Python. Table of
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through macros
More on functional
programming
Protocols, records,
and types Test-
driven development
and more More
macros and DSL
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,
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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 tactics to grow your willpower, stop procrastination, focus like a laser, and achieve whatever you set your mind to. Following through and finishing what you start- more valuable skills than you realize. They are a combination

of traits that enables you to create the life you want - without having to compromise or wait. The alternative is a status quo that you're stuck in. Is your life a series of unfinished tasks and intentions? That stops now. Finish What You Start is a unique deep dive into the psychology and science of accomplishment, productivity, and getting things done. It takes a thorough look why we are sometimes stuck, and gives detailed, step by step solutions you can start using today. Every phase of finishing and following through is covered, and even productivity pros

will be able to learn something new. Above all else, this is a guide to understanding your brain and instincts better for optimal results. Channel massive productivity and mental toughness. Peter Hollins has studied psychology and peak human performance for over a dozen years and is a bestselling author. He has worked with dozens of individuals to unlock their potential and path towards success. His writing draws on his academic, coaching, and research experience. Resist distractions, demotivation, temptations, laziness, and excuses. •The surprising

motivations that push us past obstacles. •How daily rules and a manifesto can help you achieve. •Valuable and insightful mindsets to view productivity from entirely new lights. Seize self-control and finally accomplish your big and small goals. •The science and tactics to beating procrastination easily. •Focus and willpower pitfalls you are probably committing at this very moment. •How to beat distractions, remain focused, stay on task, and get to what matters - consistently. Transform your life through productive habits and avoiding mental traps. 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, 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 Jurić 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 Jurić is a developer with extensive

experience using Elixir and Erlang in complex server-side systems. Table of Contents First steps Building blocks Control flow Data abstractions Concurrency primitives Generic server processes Building a concurrent system Fault-tolerance basics Isolating error effects Beyond GenServer Working with components Building a distributed system Running the system 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 Contents PART 1 - OVERVIEW Introducing

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Advanced scheduling
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Extending Kubernetes
An instant New York Times bestseller!
Alan Gratz, bestselling author of Refugee, weaves a stunning array of voices and stories into an epic tale of teamwork in the face of tyranny - and how just one day can change the world.
June 6, 1944: The Nazis are terrorizing Europe,

on their evil quest to conquer the world. The only way to stop them? The biggest, most top-secret operation ever, with the Allied nations coming together to storm German-occupied France.
Welcome to D-Day.
Dee, a young U.S. soldier, is on a boat racing toward the French coast. And Dee -- along with his brothers-in-arms -- is terrified. He feels the weight of World War II on his shoulders.
But Dee is not alone. Behind enemy lines in France, a girl named Samira works as a spy, trying to sabotage the German army. Meanwhile, paratrooper James leaps from his plane to join a daring midnight raid. And

in the thick of battle, Henry, a medic, searches for lives to save. In a breathtaking race against time, they all must fight to complete their high-stakes missions. But with betrayals and deadly risks at every turn, can the Allies do what it takes to win? Android runs on mobile devices ranging from smart phones to tablets to countless special purpose gadgets. It's the broadest mobile platform available. Includes: SDK and web development; drive a robot via Bluetooth and Sensors; integrate with Social Media Contacts; image processing with native C code. A background in Java

is helpful; no prior experience with Android is assumed. -P. [4] of cover. ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Summary Fully updated to ASP.NET 5.0, ASP.NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and .NET skills. Even if you've never worked with ASP.NET you'll start creating productive cross-platform web apps

fast. And don't worry about late-breaking changes to ASP.NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build full-stack web applications that run anywhere. Developers love ASP.NET Core for its libraries and pre-built components that maximize productivity. Version 5.0 offers new features for server-side apps, as well as background services for cross-platform development. About the book ASP.NET Core in Action, Second Edition is a comprehensive guide to creating

web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Illustrations and annotated code make learning visual and easy. Master logins, dependency injection, security, and more. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. What's inside Developing apps for Windows and non-Windows servers Configuring applications Building custom components Logging, testing, and security About the reader For intermediate C# developers. About the author Andrew

Lock is a Microsoft MVP who has worked with ASP.NET Core since before its first release. Table of Contents PART 1 - GETTING STARTED WITH ASP.NET CORE 1 Getting started with ASP.NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor Pages using routing 6 The binding model: Retrieving and validating user input 7 Rendering HTML using Razor views 8 Building forms with Tag Helpers 9 Creating a Web API for mobile and client applications using

MVC PART 2 - BUILDING COMPLETE APPLICATIONS 10 Service configuration with dependency injection 11 Configuring an ASP.NET Core application 12 Saving data with Entity Framework Core 13 The MVC and Razor Pages filter pipeline 14 Authentication: Adding users to your application with Identity 15 Authorization: Securing your application 16 Publishing and deploying your application PART 3 - EXTENDING YOUR APPLICATIONS 17 Monitoring and troubleshooting errors with logging 18 Improving your application's

security 19 Building custom components 20 Building custom MVC and Razor Pages components 21 Calling remote APIs with IHttpConnectionFactory 22 Building background tasks and services 23 Testing your application How can classroom teachers effectively differentiate learning and teaching programs to provide for the needs of every student in their class? This best-selling text begins by asking "Why include all students?" in regular classrooms and then shows how this can be done. It outlines the philosophy of inclusive education and focuses on the use of

individualised planning and effective teaching practices to maximise learning outcomes within positive and productive environments. Vignettes and narratives provide real-life examples that help put the theory in context. This fifth edition includes broader coverage of issues to do with diversity and individual differences, particularly cultural and multicultural inclusion, linguistic diversity and giftedness. There is more throughout on the universal design for learning framework and on partnerships with families, while new pedagogical features encourage readers to reflect.

Throughout, it emphasises a practical, research-based approach to teaching that can be applied to support students with a range of differences and additional needs. Antisepsis, Disinfection, and Sterilization: Types, Action, and Resistance, by Gerald E. McDonnell, is a detailed and accessible presentation of the current methods of microbial control. Each major category, such as physical disinfection methods, is given a chapter, in which theory, spectrum of activity, advantages, disadvantages, and modes of action of the methods are

thoroughly and clearly presented. Sufficient background on the life cycles and general anatomy of microorganisms is provided so that the reader who is new to microbiology will better appreciate how physical and chemical biocides work their magic on microbes. Other topics in the book include: Evaluating the efficacy of chemical antiseptics and disinfectants, and of physical methods of microbial control and sterilization. Understanding how to choose the proper biocidal product and process for specific applications. Classic physical and chemical disinfection methods, such as

heat, cold, non-ionizing radiation, acids, oxidizing agents, and metals. Newer chemical disinfectants, including, isothiazolones, micro-and nano-particles, and bacteriophages as control agents. Antisepsis of skin and wounds and the biocides that can be used as antiseptics. Classic methods of physical sterilization, such as, moist heat and dry heat sterilization, ionizing radiation, and filtration, along with newer methods, including, the use of plasma or pulsed light. Chemical sterilization methods that use ethylene oxide, formaldehyde, or a variety of other

oxidizing agents. A detailed look at the modes of action of biocides in controlling microbial growth and disrupting microbial physiology. Mechanisms that microorganisms use to resist the effects of biocides. The second edition of Antisepsis, Disinfection, and Sterilization: Types, Action, and Resistance is well suited as a textbook and is outstanding as a reference book for facilities managers and application engineers in manufacturing plants, hospitals, and food production facilities. It is also essential for public health officials, healthcare professionals, and

infection control practitioners. A guide to using Windows PowerShell to script Windows administrative tasks and control Windows from the command line. Summary Node.js in Action, Second Edition is a thoroughly revised book based on the best-selling first edition. It starts at square one and guides you through all the features, techniques, and concepts you'll need to build production-quality Node applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology You already know

JavaScript. The trick to mastering Node.js is learning how to build applications that fully exploit its powerful asynchronous event handling and non-blocking I/O features. The Node server radically simplifies event-driven real-time apps like chat, games, and live data analytics, and with its incredibly rich ecosystem of modules, tools, and libraries, it's hard to beat! About the Book Based on the bestselling first edition, Node.js in Action, Second Edition is a completely new book. Packed with practical examples, it teaches you how to create high-performance web servers using

JavaScript and Node. You'll master key design concepts such as asynchronous programming, state management, and event-driven programming. And you'll learn to put together MVC servers using Express and Connect, design web APIs, and set up the perfect production environment to build, lint, and test. What's Inside Mastering non-blocking I/O The Node event loop Testing and deploying Web application templating About the Reader Written for web developers with intermediate JavaScript skills. About the Authors The Second Edition author team

includes Node masters Alex Young, Bradley Meck, Mike Cantelon, and Tim Oxley, along with original authors Marc Harter, T.J. Holowaychuk, and Nathan Rajlich. Table of contents
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maintaining uptime
PART 3 - BEYOND WEB DEVELOPMENT
Writing command-line applications Conquering the desktop with Electron Developers looking to enhance Web and other applications with dynamic PDF document generation and/or manipulation will find this book unique in content and readability. Active helpdesks: learn key computer concepts by fielding questions from callers in a simulated helpdesk environment -- Sound bytes: see key concepts demonstrated through multimedia lessons that include video, sound or animation. Also

includes Sound Byte Labs featuring multiple-choice quizzes. REVISION 21 HIGHLIGHTS
California Causes of Action will help you work more efficiently and effectively in all phases of pleading your case, whether you are drafting a complaint, answer or demurrer, or bringing or responding to a motion that will shape and define the parameters of the case. This edition is loaded with new forms and case law to keep you up to date on a broad range of legal topics, including:
NEGLIGENCE • Special relationships • Vicarious liability • Non-delegable duty
PRODUCTS LIABILITY AND

COMMERCIAL
SALES •

Negligence

BUSINESS TORTS
AND ACTIONS •

Unfair competition
under Business &
Professions Code
§17200 •

Discrimination
under the Unruh
Civil Rights Act •

False advertising
under Business &
Professions Code
§17500 •

Conversion

BUSINESS TORTS
AND ACTIONS •

Broker liability to
purchaser for
intentional

nondisclosure of
material facts •

Broker's
constructive fraud •

Escrow agent's
negligence and
constructive fraud

DEFAMATION AND
PRIVACY • Libel •

Public disclosure of
private facts •

Commercial

misappropriation of
likeness under Civil

Code §3344 • False
light INSURANCE •

Breach of insurance
contract • Insurer's
breach of the

implied covenant of
good faith and fair
dealing NEW

FORMS • Action to
Quiet Title •

Complaint: Slander
of Title •

Complaint: Tortious
Interference with
Contract •

Complaint: Public
Disclosure of
Private Facts •

Complaint: False
Light From the
author of

Exhalation, an
award-winning
short story

collection that
blends "absorbing
storytelling with

meditations on the
universe, being,
time and space ...

raises questions
about the nature of

reality and what it
is to be human"

(The New York
Times). Stories of

Your Life and

Others delivers dual
delights of the very,

very strange and
the heartbreakingly
familiar, often

presenting
characters who

must confront
sudden change—the

inevitable rise of
automatons or the

appearance of
aliens—with some
sense of normalcy.

With sharp
intelligence and

humor, Chiang
examines what it

means to be alive in
a world marked by

uncertainty, but
also by beauty and

wonder. An award-
winning collection

from one of today's
most lauded

writers, Stories of
Your Life and

Others is a

contemporary classic. Includes “Story of Your Life”—the basis for the major motion picture Arrival Summary Manning's bestselling and highly recommended Unity book has been fully revised! Unity in Action, Second Edition teaches you to write and deploy games with the Unity game development platform. You'll master the Unity toolset from the ground up, adding the skills you need to go from application coder to game developer. Foreword by Jesse Schell, author of The Art of Game Design Purchase of the print book includes a free

eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Build your next game without sweating the low-level details. The Unity game development platform handles the heavy lifting, so you can focus on game play, graphics, and user experience. With support for C# programming, a huge ecosystem of production-quality prebuilt assets, and a strong dev community, Unity can get your next great game idea off the drawing board and onto the screen! About the Book Unity in Action, Second Edition teaches you to write and deploy

games with Unity. As you explore the many interesting examples, you'll get hands-on practice with Unity's intuitive workflow tools and state-of-the-art rendering engine. This practical guide exposes every aspect of the game dev process, from the initial groundwork to creating custom AI scripts and building easy-to-read UIs. And because you asked for it, this totally revised Second Edition includes a new chapter on building 2D platformers with Unity's expanded 2D toolkit. What's Inside Revised for new best practices, updates, and more! 2D and 3D games Characters that run, jump, and

bump into things
Connect your
games to the
internet About the
Reader You need to
know C# or a
similar language.
No game
development
knowledge is
assumed. About the
Author Joe Hocking
is a software
engineer and Unity
expert specializing
in interactive media
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audio: sound effects
and music Putting
the parts together
into a complete
game Deploying
your game to
players' devices 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.
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Deploying Spring Empower your students to become

part of the solution. With a clear and upbeat voice, author Anna Leon-Guerrero's thought-provoking overview of social problems challenges readers to understand and recognize social problems in their communities and inspires them to become part of the solution. The Fifth Edition of Social Problems: Community, Policy, and Social Action goes beyond the typical presentation of contemporary social problems and their consequences by emphasizing the importance and effectiveness of community involvement to achieve real solutions. With an overarching focus on social inequalities and

policy, this proven text provides a platform for discussion that encourages critical thinking and inspires hope. "The extra emphasis on social action and movements is a real strength...I like that the three major perspectives are used in each chapter as I feel many texts just put that in the first chapter and then forget about it."
—Todd Michael Callais, University of Cincinnati-Blue Ash
Summary Entity Framework Core in Action teaches you how to access and update relational data from .NET applications. Following the crystal-clear explanations, real-world examples, and around 100

diagrams, you'll discover time-saving patterns and best practices for security, performance tuning, and unit testing. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology There's a mismatch in the way OO programs and relational databases represent data. Entity Framework is an object-relational mapper (ORM) that bridges this gap, making it radically easier to query and write to databases from a .NET application. EF creates a data model that matches the structure of your OO code so

you can query and write to your database using standard LINQ commands. It will even automatically generate the model from your database schema. About the Book Using crystal-clear explanations, real-world examples, and around 100 diagrams, Entity Framework Core in Action teaches you how to access and update relational data from .NET applications. You'll start with a clear breakdown of Entity Framework, long with the mental model behind ORM. Then you'll discover time-saving patterns and best practices for security, performance tuning, and even unit testing. As you

go, you'll address common data access challenges and learn how to handle them with Entity Framework. What's Inside Querying a relational database with LINQ Using EF Core in business logic Integrating EF with existing C# applications Applying domain-driven design to EF Core Getting the best performance out of EF Core Covers EF Core 2.0 and 2.1 About the Reader For .NET developers with some awareness of how relational databases work. About the Author Jon P Smith is a full-stack developer with special focus on .NET Core and Azure. Table of Contents Part 1 - Getting started

Introduction to Entity Framework Core
Querying the database
Changing the database content
Using EF Core in business logic
Using EF Core in ASP.NET Core web applications
Part 2 - Entity Framework in depth
Configuring nonrelational properties
Configuring relationships
Configuring advanced features and handling concurrency conflicts
Going deeper into the DbContext
Part 3 - Using Entity Framework Core in real-world applications
Useful software patterns for EF Core applications
Handling database migrations
EF Core

performance tuning
A worked example of performance tuning
Different database types and EF Core services
Unit testing EF Core applications
Appendix A - A brief introduction to LINQ
Appendix B - Early information on EF Core version 2.1
Summary
Manning's bestselling Java 8 book has been revised for Java 9!
In Modern Java in Action, you'll build on your existing Java language skills with the newest features and techniques.
Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.
About the Technology
Modern

applications take advantage of innovative designs, including microservices, reactive architectures, and streaming data.
Modern Java features like lambdas, streams, and the long-awaited Java Module System make implementing these designs significantly easier.
It's time to upgrade your skills and meet these challenges head on!
About the Book
Modern Java in Action connects new features of the Java language with their practical applications.
Using crystal-clear examples and careful attention to detail, this book respects your time.
It will help you expand your

existing knowledge of core Java as you master modern additions like the Streams API and the Java Module System, explore new approaches to concurrency, and learn how functional concepts can help you write code that's easier to read and maintain. What's inside Thoroughly revised edition of Manning's bestselling Java 8 in Action New features in Java 8, Java 9, and beyond Streaming data and reactive programming The Java Module System About the Reader Written for developers familiar with core Java features. About the Author Raoul-Gabriel Urma is CEO of Cambridge

Spark. Mario Fusco is a senior software engineer at Red Hat. Alan Mycroft is a University of Cambridge computer science professor; he cofounded the Raspberry Pi Foundation. Table of Contents PART 1 - FUNDAMENTALS Java 8, 9, 10, and 11: what's happening? Passing code with behavior parameterization Lambda expressions PART 2 - FUNCTIONAL-STYLE DATA PROCESSING WITH STREAMS Introducing streams Working with streams Collecting data with streams Parallel data processing and performance PART 3 - EFFECTIVE PROGRAMMING WITH STREAMS

AND LAMBDA Collection API enhancements Refactoring, testing, and debugging Domain-specific languages using lambdas PART 4 - EVERYDAY JAVA Using Optional as a better alternative to null New Date and Time API Default methods The Java Module System PART 5 - ENHANCED JAVA CONCURRENCY Concepts behind CompletableFuture and reactive programming CompletableFuture: composable asynchronous programming Reactive programming PART 6 - FUNCTIONAL PROGRAMMING AND FUTURE JAVA EVOLUTION Thinking

functionally
Functional
programming
techniques
Blending OOP and
FP: Comparing Java
and Scala
Conclusions and
where next for Java
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.
Photosynthesis in
Action examines the

molecular
mechanisms,
adaptations and
improvements of
photosynthesis.
With a strong focus
on the latest
research and
advances, the book
also analyzes the
impact the process
has on the
biosphere and the
effect of global
climate change.
Fundamental topics
such as harvesting
light, the transport
of electrons and
fixing carbon are
discussed. The book
also reviews the
latest research on
how abiotic stresses
affect these key
processes as well as
how to improve
each of them. This
title explains how
the process is
flexible in
adaptations and
how it can be
engineered to be

made more
effective. End users
will be able to see
the significance and
potential of the
processes of
photosynthesis.
Edited by renowned
experts with
leading
contributors, this is
an essential read
for students and
researchers
interested in
photosynthesis,
plant science, plant
physiology and
climate change.
Provides essential
information on the
complex sequence
of photosynthetic
energy transduction
and carbon fixation
Covers fundamental
concepts and the
latest advances in
research, as well as
real-world case
studies Offers the
mechanisms of the
main steps of
photosynthesis

together with how to make improvements in these steps Edited by renowned experts in the field Presents a user-friendly layout, with templated elements throughout to highlight key learnings in each chapter The data mining community has derived a broad foundation of statistical algorithms and software solutions that has allowed predictive analytics to become a standard approach used in science and industry. For many years, much emphasis has been placed on the development of predictive models. As a consequence, the market place offers a range of powerful tools,

many open-source, for effective model building. However, once we turn to the operational deployment and practical application of predictive solutions within an existing IT infrastructure, we face a much more limited choice of options. Often it takes months for models to be integrated and deployed via custom code or proprietary processes. The Predictive Model Markup Language (PMML) standard has reached a significant stage of maturity and has obtained broad industry support, allowing users to develop predictive solutions within one application and use another to execute

them. Previously, this was very difficult, but with PMML, the exchange of predictive solutions between compliant applications is now straightforward. The aim of this book is to present PMML from a practical perspective. It contains a variety of code snippets so that concepts are made clear through the use of examples. Readers are assumed to have a basic knowledge of predictive analytics and its techniques and so the book is intended for data mining movers and shakers: anyone interested in moving predictive analytic solutions between applications,

including students and scientists. PMML in Action is a great way to learn how to represent your predictive solutions through a mature and refined open standard. For the 2nd edition, the book has been completely revised for PMML 4.1, the latest version of PMML. It includes new chapters and an expanded description of how to represent multiple models in PMML, including model ensemble, segmentation, chaining, and composition. The book is divided into six parts, taking you in a PMML journey in which language elements and attributes are used to represent not only modeling techniques but also

data pre- and post-processing. With PMML, users benefit from a single and concise standard to represent predictive models, thus avoiding the need for custom code and proprietary solutions. You too can join the PMML movement! Unleash the power of predictive analytics and data mining today This book describes process mining use cases and business impact along the value chain, from corporate to local applications, representing the state of the art in domain know-how. Providing a set of industrial case studies and best practices, it complements

academic publications on the topic. Further the book reveals the challenges and failures in order to offer readers practical insights and guidance on how to avoid the pitfalls and ensure successful operational deployment. The book is divided into three parts: Part I provides an introduction to the topic from fundamental principles to key success factors, and an overview of operational use cases. As a holistic description of process mining in a business environment, this part is particularly useful for readers not yet familiar with the topic. Part II presents detailed

use cases written by contributors from a variety of functions and industries. Lastly, Part III provides a brief overview of the future of process mining, both from academic and operational perspectives. Based on a solid academic foundation, process mining has received increasing interest from operational businesses, with many companies already reaping the benefits. As the first book to present an overview of successful industrial applications, it is of particular interest to professionals who want to learn more about the possibilities and opportunities this new technology offers. It is also a

valuable resource for researchers looking for empirical results when considering requirements for enhancements and further developments. Strengthen family and community engagement to promote equity and increase student success! When schools, families, and communities collaborate and share responsibility for students' education, more students succeed in school. Based on 30 years of research and fieldwork, this fourth edition of a bestseller provides tools and guidelines to use to develop more effective and equitable programs of family and community engagement.

Written by a team of well-known experts, this foundational text demonstrates a proven approach to implement and sustain inclusive, goal-oriented programs. Readers will find: Many examples and vignettes Rubrics and checklists for implementation of plans CD-ROM complete with slides and notes for workshop presentations Note: This is the bound book only and does not include access to the Enhanced Pearson eText. To order the Enhanced Pearson eText packaged with a bound book, use ISBN 0134522729. A step-by-step guide to action research with a balanced coverage

of qualitative and quantitative methods. The leading text in the field of action research, *Action Research: A Guide for the Teacher Researcher* is known for its practical, step-by-step guidance for teachers on how to do research in classrooms. Drawing on his extensive experience working directly with teachers and principals to help them learn how to conduct action research studies, the author guides future educators through the action research process via numerous concrete illustrations. The text positions action research as a fundamental

component of teaching and helps it's readers not only acquire the skills to conduct quality studies, but also how to make it a part of everyday teaching practice. Improve mastery and retention with the Enhanced Pearson eText The Enhanced Pearson eText provides a rich, interactive learning environment designed to improve student mastery of content. The Enhanced Pearson eText is: Engaging. The new interactive, multimedia learning features were developed by the authors and other subject-matter experts to deepen and enrich the learning experience.*

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The global popularity of herbal supplements and the promise they hold in treating various disease states has caused an unprecedented interest in understanding the molecular basis of the biological activity of traditional remedies. Herbal Medicine: Biomolecular and Clinical Aspects focuses on presenting current scientific evidence of biomolecular ef This book offers an accessible and inclusive overview of the major debates in the philosophy of action. It covers the distinct approaches taken by Donald Davidson, G.E.M. Anscombe, and numerous others to

answering questions like "what are intentional actions?" and "how do reasons explain actions?" Further topics include intention, practical knowledge, weakness and strength of will, self-governance, and collective agency. With introductions, conclusions, and annotated suggested reading lists for each of the ten chapters, it is an ideal introduction for advanced undergraduates as well as any philosopher seeking a primer on these issues. 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 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! "Spring in action, fifth 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, this Manning classic is your ticket! THE GREAT GATSBY BY

F. SCOTT FITZGERALD Key features of this book: * Unabridged with 100% of it's original content * Available in multiple formats: eBook, original paperback, large print paperback and hardcover * Easy-to-read 12 pt. font size * Proper paragraph formatting with Indented first lines, 1.25 Line Spacing and Justified Paragraphs * Properly formatted for aesthetics and ease of reading. * Custom Table of Contents and Design elements for each chapter * The Copyright page has been placed at the end of the book, as to not impede the content and flow of the book. Original publication: 1925

The Great Gatsby - The story of the mysteriously wealthy Jay Gatsby and his love for the beautiful Daisy Buchanan, This book is F. Scott Fitzgerald's third book and stands as the supreme achievement of his career. First published in 1925, this classic novel of the Jazz Age has been acclaimed by generations of readers which depicts the life of lavish parties on Long Island is an exquisitely crafted tale of America in the 1920s. This book is great for schools, teachers and students or for the casual reader, and makes a wonderful addition to any classic literary library At Pure Snow

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