

## Ejb 3 In Action Second Edition

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*Ejb 3 In Action Second Edition*

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### SANTANA ELLIANA

#### Enterprise JavaBeans Simon and Schuster

Summary Mule in Action, Second Edition is a totally-revised guide covering Mule 3 fundamentals and best practices. It starts with a quick ESB overview and then dives into rich examples covering core concepts like sending, receiving, routing, and transforming data. About the Technology An enterprise service bus is a way to integrate enterprise applications using a bus-like infrastructure. Mule is the leading open source Java ESB. It borrows from the Hohpe/Woolf patterns, is lightweight, can publish REST and SOAP services, integrates well with Spring, is customizable, scales well, and is cloud-ready. About the Book Mule in Action, Second Edition is a totally revised guide covering Mule 3 fundamentals and best practices. It starts with a quick ESB overview and then dives into rich examples covering core concepts like sending, receiving, routing, and transforming data. You'll get a close look at Mule's standard components and how to roll out custom ones. You'll also pick up techniques for testing, performance tuning, and BPM orchestration, and explore cloud API integration for SaaS applications. Written for developers, architects, and IT managers, this book requires familiarity with Java but no previous exposure to Mule or other ESBs. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Full coverage of Mule 3 Integration with cloud services Common transports, routers, and transformers Security, routing, orchestration, and transactions About the Authors David Dossot is a software architect and has created numerous modules and transports for Mule. John D'Emic is a principal solutions architect and Victor Romero a solutions architect, both at MuleSoft, Inc. Table of Contents PART 1 CORE MULE Discovering Mule Processing messages with Mule Working with connectors Transforming data with Mule Routing data with Mule Working with components and patterns PART 2 RUNNING MULE Integration architecture with Mule Deploying Mule Exception handling and transaction management with Mule Securing Mule Tuning Mule PART 3 TRAVELING FURTHER WITH MULE Developing with Mule Writing custom cloud connectors and processors Augmenting Mule with orthogonal technologies

#### Hibernate in Action Createspace Independent Publishing Platform

This title provides advanced, in depth coverage of Enterprise JavaBeans (EJB) applications. It presents the EJB architecture from the point of view of the person developing EJB applications.

#### Lambdas, streams, functional and reactive programming Pearson Education

"The definitive guide, not just for JUnit, but unit testing in general."---Tyson S. Maxwell, Raytheon -- *Bitter EJB* EJB 3 in Action

A guide to using Hibernate covers such topics as ORM, application architecture, and developer tools.

#### A Desktop Quick Reference Simon and Schuster

A tutorial and reference to Java-based APIs for application software development covers RMI, IDL, JAXP, JNDI, Java Servlets, and J2EE 1.3.

#### Hibernate Quickly John Wiley & Sons

JUnit in Action, Third Edition has been completely rewritten for this release. The book is full of examples that demonstrate JUnit's modern features, including its new architecture; nested, tagged, and dynamic tests; and dependency injection. Summary JUnit is the gold standard for unit testing Java applications. Filled with powerful new features designed to automate software testing, JUnit 5 boosts your productivity and helps avoid debugging nightmares. Whether you're just starting with JUnit or you want to ramp up on the new features, JUnit in Action, Third Edition has you covered. Extensively revised with new code and new chapters, JUnit in Action, Third Edition is an up-to-date guide to smooth software testing. Dozens of hands-on examples illustrate JUnit 5's innovations for dependency injection, nested testing, parameterized tests, and more. Throughout, you'll learn how to use JUnit 5 to automate your testing, for a process that consumes less resources, and gives you more time for developing. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology The JUnit framework is the gold standard for unit testing Java applications—and knowing it is an essential skill for Java developers. The latest version, JUnit 5, is a total overhaul, now supporting modern Java features like Lambdas and Streams. About the book JUnit in Action, Third Edition has been completely rewritten for this release. The book is full of examples that demonstrate JUnit's modern features, including its new architecture; nested, tagged, and dynamic tests; and dependency injection. You'll benefit from author Catalin Tudose's unique "pyramid" testing strategy, which breaks the testing process into layers and sets you on the path to bug-free code creation. What's inside Migrating from JUnit 4 to 5 Effective test automation Test-driven development and behavior-driven development Using mocks for test isolation Connecting JUnit 5 with Maven or Gradle About the reader For intermediate Java developers. About the author Catalin Tudose has a Ph.D. in Computer Science, and over 15 years of experience as a Senior Java Developer and Technical Team Lead. Previous editions were authored by Petar Tahchiev, Felipe Leme, Gary Gregory, and Vincent Massol. Table of Contents PART 1 - JUNIT 1 JUnit jump-start 2 Exploring core JUnit 3 JUnit architecture 4 Migrating from JUnit 4 to JUnit 5 5 Software testing principles PART 2 - DIFFERENT TESTING STRATEGIES 6 Test quality 7 Coarse-grained testing with stubs 8 Testing with mock objects 9 In-container testing PART 3 - WORKING WITH JUNIT 5 AND OTHER TOOLS 10 Running JUnit tests from Maven 3 11 Running JUnit tests from Gradle 6 12 JUnit 5 IDE support 13 Continuous integration with JUnit 5 PART 4 - WORKING WITH MODERN FRAMEWORKS AND JUNIT 5 14 JUnit 5 extension model 15 Presentation-layer testing 16 Testing Spring applications 17 Testing Spring Boot applications 18 Testing a REST API 19 Testing database applications PART 5 - DEVELOPING APPLICATIONS WITH JUNIT 5 20 Test-driven development with JUnit 5 21 Behavior-driven development in JUnit 5 22 Implementing a test pyramid strategy with JUnit 5

#### Java Persistence with Hibernate "O'Reilly Media, Inc."

Offers an architectural overview of the programming language, including Entity Beans, Session Beans, transactions, design strategies, and XML deployment descriptors.

#### Beginning EJB 3 Application Development Simon and Schuster

Addressing the storming controversy of EJB head-on, this guide discusses framework problems and common traps that can snare unwary developers. Advice is provided for choosing persistence strategies beyond EJB entity beans and a list of several entity bean antipatterns. Also offered are session bean and messaging antipatterns and a compelling discussion about how and when to use problematic stateful session beans. Solutions to difficult problems such as effective builds and performance tuning are furnished. Designed for EJB developers, architects, programmers, and project managers, this authoritative reference attacks basic Java programming problems to establish

antipatterns as a serious field for Java developers in a well-known context.

#### POJOs in Action John Wiley & Sons

Summary Enterprise OSGi in Action is a hands-on guide for developers using OSGi to build the next generation of enterprise Java applications. By presenting relevant examples and case studies, this book guides the reader through the maze of new standards and projects. About This Book Enterprise OSGi is a set of standards for building modular Java applications which integrate seamlessly with existing Java EE technologies. It extends the OSGi component framework to distributed systems. Enterprise OSGi in Action is a hands-on guide for developers using OSGi to build enterprise Java applications. Many examples and case studies show you how to build, test, and deploy modular web applications. The book explains how to take advantage of dynamism, distribution, and automatic dependency provisioning, while still integrating with existing Java EE applications. The book is written for Java EE developers. No prior experience with OSGi is required. What's Inside Build modular applications using servlets, JSPs, WARs, and JPA Better component reuse and robustness Expert tips for Apache Aries Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Authors Holly Cummins and Tim Ward are lead engineers who regularly speak at developerWorks, Devoxx, JavaZone, and EclipseCon. Tim has written standards in both the OSGi Core and Enterprise Specifications and both authors are active Apache Aries committers. Table of Contents PART 1 PROGRAMMING BEYOND HELLO WORLD OSGi and the enterprise—why now? Developing a simple OSGi-based web application Persistence pays off Packaging your enterprise OSGi applications PART 2 BUILDING BETTER ENTERPRISE OSGi APPLICATIONS Best practices for enterprise applications Building dynamic applications with OSGi services Provisioning and resolution Tools for building and testing IDE development tools PART 3 INTEGRATING ENTERPRISE OSGi WITH EVERYTHING ELSE Hooking up remote systems with distributed OSGi Migration and integration Coping with the non-OSGi world Choosing a stack [WebWork in Action](#) Addison-Wesley Professional

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, Kindle, and ePub 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 Bootstrapping 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

#### JBoss in Action Orbit

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

#### Pro EJB 3 Manning Publications

Build Java-based enterprise applications using the open source Eclipse Jakarta EE platform. This feature-packed book teaches you enterprise Java development top to bottom. It covers Java web-tier development using servlets, JavaServer Faces (JSF), RESTful applications, and JSON. You'll also cover Java data-tier development using persistence and transaction handling, messaging services, remote procedure calls, concurrency, and security to round out a complete Java-based enterprise application. Step by step and easy to follow, Beginning Jakarta EE includes many practical examples.

Written by a Java expert and consultant, this book contains the best information possible on enterprise Java technologies. You'll see that Jakarta EE is the next evolution of Java EE 8 and how it is one of the leading Java platforms for enterprise application development. What You Will Learn Build enterprise Java applications using Jakarta EE Set up your development environment Create page-flow web applications with JSF Write single-page web applications with REST and JSON Persist data using JPA in Jakarta EE Build enterprise Java modules using EJBs and CDI Work with transaction engines using JTA Secure, log, and monitor your Jakarta EE applications Who This Book Is For Beginning Java EE application developers with some experience of Java 8.

[Enterprise AOP with Spring Applications](#) Apress

First EJB 3.0 book on the market and a definitive guide to the major innovation in EJB: the new persistence API Offers unparalleled insight and expertise: lead authored by the co-lead on the EJB 3.0 spec (Mike Keith)

[JUnit in Action](#) Apress

EJB 3 in Action Manning Publications

*Enterprise Edition for Java: From Novice to Professional* Simon and Schuster

Summary GWT in Action, Second Edition is a completely revised edition of the best-selling GWT book. It covers the new features introduced in GWT 2.4 and 2.5, as well as the best development practices that have emerged in the GWT community. It begins with a rapid-fire introduction to GWT and Ajax to get you up to speed with GWT concepts and tools. Then, you'll explore key concepts like managing events, interacting with the server, creating UI components, building your user interface declaratively using UiBinder ... and more. About the Technology Google Web Toolkit works on a simple idea. Write your web application in Java, and GWT crosscompiles it into JavaScript. It is open source, supported by Google, and version 2.5 now includes a library of high-quality interface components and productivity tools that make using GWT a snap. The JavaScript it produces is really good. About this Book GWT in Action, Second Edition is a revised edition of the best-selling GWT book. In it, you'll explore key concepts like managing events, interacting with the server, and creating UI components. As you move through its engaging examples, you'll absorb the latest thinking in application design and industry-grade best practices, such as implementing MVP, using dependency injection, and code optimization. Written for Java developers, the book requires no prior knowledge of GWT. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Covers GWT 2.4 and up Efficient use of large data sets Optimizing with client bundles, deferred binding, and code splitting Using generators and dependency injection About the Authors Adam Tacy and Robert Hanson coauthored the first edition of GWT in Action. Jason Essington is a Java developer and an active contributor to the GWT mailing list and the GWT IRC channel. Anna Tökke is a programmer and solutions architect working with GWT on a daily basis. Table of Contents PART 1 BASICS GWT Building a GWT application: saying "Hello World!" Building a GWT application: enhancing Hello World PART 2 NEXT STEPS Creating your own widgets Using client bundles Interface design with UiBinder Communicating with GWT-RPC Using RequestFactory The Editor framework Data-presentation (cell) widgets Using JSNI—JavaScript Native Interface Classic Ajax and HTML forms Internationalization, localization, and accessibility PART 3 ADVANCED Advanced event handling and event buses Building MVP-based applications Dependency injection Deferred binding Generators Metrics and code splitting

*Ejb 3 in Action* Simon and Schuster

A concise introduction to Hibernate's many configuration and design options distills the open source object/relational persistence and query service into digestible pieces with many code examples, practical usage scenarios, and coverage of the tools available. Original. (Advanced)

**The Java EE 6 Tutorial** Dreamtech Press

I'm Lucille Robinson (aka Jaz Parks). This is a mission unlike anything my vampire boss, Vayl, and I have ever been on. It's not our usual take-them-out-and-run; it's an undercover mission that needs the whole gang: a psychic, an interpreter, and a weapons specialist. We've never gone in which such heavy artillery before, but the more the merrier, right? Um...nope. At least not since Vayl and I

learned part of our job is to ferret out a mole concealed in our unit. To add to our problems, we're being harried by a pack of reavers bent on revenge, and targeted by a Seer who wants to share Vayl's power - at any cost. This is going to be a blast.

**iBatis in Action** Manning Publications

Summary SonarQube in Action shows developers how to use the SonarQube platform to help them continuously improve their source code. The book presents SonarQube's core Seven Axes of Quality: design/architecture, duplications, comments, unit tests, complexity, potential bugs, and coding rules. You'll find simple, easy-to-follow discussion and examples as you learn to integrate SonarQube into your development process. About the Technology SonarQube is a powerful open source tool for continuous inspection, a process that makes code quality analysis and reporting an integral part of the development lifecycle. Its unique dashboards, rule-based defect analysis, and tight build integration result in improved code quality without disruption to developer workflow. It supports many languages, including Java, C, C++, C#, PHP, and JavaScript. About the Book SonarQube in Action teaches you how to effectively use SonarQube following the continuous inspection model. This practical book systematically explores SonarQube's core Seven Axes of Quality (design, duplications, comments, unit tests, complexity, potential bugs, and coding rules). With well-chosen examples, it helps you learn to use SonarQube's review functionality and IDE integration to implement continuous inspection best practices in your own quality management process. The book's Java-based examples translate easily to other development languages. No prior experience with SonarQube or continuous delivery practice is assumed Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Gather meaningful quality metrics Integrate with Ant, Maven, and Jenkins Write your own plugins Master the art of continuous inspection About the Authors Ann Campbell and Patroklos Papapetrou are experienced developers and team leaders. Both actively contribute to the SonarQube community. Table of Contents PART 1 WHAT THE NUMBERS ARE TELLING YOU An introduction to SonarQube Issues and coding standards Ensuring that your code is doing things right Working with duplicate code Optimizing source code documentation Keeping your source code files elegant Improving your application design PART 2 SETTLING IN WITH SONARQUBE Planning a strategy and expanding your insight Continuous Inspection with SonarQube Letting SonarQube drive code reviews IDE integration PART 3 ADMINISTERING AND EXTENDING Security: users, groups, and roles Rule profile administration Making SonarQube fit your needs Managing your projects Writing your own plugins

**Ejb Design Patterns** Simon and Schuster

The EJB 3 framework provides a standard way to capture business logic in manageable server-side modules, making it easier to write, maintain, and extend Java EE applications. EJB 3.2 provides more enhancements and intelligent defaults and integrates more fully with other Java technologies, such as CDI, to make development even easier. EJB 3 in Action, Second Edition is a fast-paced tutorial for Java EE business component developers using EJB 3.2, JPA, and CDI. It tackles EJB head-on through numerous code samples, real-life scenarios, and illustrations. Beyond the basics, this book includes internal implementation details, best practices, design patterns, performance tuning tips, and various means of access including Web Services, REST Services, and WebSockets.

[Modern Java in Action](#) Apress

The standard platform for enterprise application development has been EJB but the difficulties of working with it caused it to become unpopular. They also gave rise to lightweight technologies such as Hibernate, Spring, JDO, iBatis and others, all of which allow the developer to work directly with the simpler POJOs. Now EJB version 3 solves the problems that gave EJB 2 a black eye-it too works with POJOs. POJOs in Action describes the new, easier ways to develop enterprise Java applications. It describes how to make key design decisions when developing business logic using POJOs, including how to organize and encapsulate the business logic, access the database, manage transactions, and handle database concurrency. This book is a new-generation Java applications guide: it enables readers to successfully build lightweight applications that are easier to develop, test, and maintain.