

## Java Bean Chapters

This comprehensive textbook introduces readers to the three-tiered, Model-View-Controller (MVC) architecture by using Hibernate, JSPs, and Java Servlets. These three technologies all use Java, so that a student with a background in programming will be able to master them with ease, with the end result of being able to create web applications that use MVC, validate user input and save data to a database. Features: presents the many topics of web development in small steps, in an accessible, easy-to-follow style; uses powerful technologies that are freely available on the web to speed up web development, such as JSP, JavaBeans, annotations, JSTL, Java 1.5, Hibernate and Tomcat; discusses HTML, HTML Forms, Cascading Style Sheets and XML; introduces core technologies from the outset, such as the MVC architecture; contains questions and exercises at the end of each chapter, detailed illustrations, chapter summaries, and a glossary; includes examples for accessing common web services.

Build powerful back-end business logic and complex Enterprise JavaBeans (EJB)-based applications using Java EE 8, Eclipse Enterprise for Java (EE4J), Web Tools Project (WTP), and the Microprofile platform. Targeted at Java and Java EE developers, with or without prior EJB experience, this book is packed with practical insights, strategy tips, and code examples. As each chapter unfolds, you'll see how you can apply the new EJB spec to your own applications through specific examples. Beginning EJB in Java EE 8 serves not only as a reference, but also as a how-to guide and repository of practical examples to which you can refer as you build your own applications. It will help you harness the power of EJBs and take your Java EE 8 development to the next level. You'll gain the knowledge and skills you'll need to create the complex enterprise applications that run today's transactions and more. What You'll Learn Build applications with Enterprise JavaBeans (EJBs) in the new Java EE 8 platform Discover when to use EJBs over contexts and dependency injection Use message-driven beans to do tasks asynchronously Integrate EJBs with microservices using the new Eclipse Microprofile project Manage complex enterprise transactions and much more Who This Book Is For Java programmers new to enterprise development and for those who may have experience with EJBs but are new to Java EE 8, EE4J, and related Eclipse projects.

Sperko focuses on the overall problem of how to store the primary component of any Java application, the Java object, in the most common business tool: the relational database.

Agile Java™ Development With Spring, Hibernate and Eclipse is a book about robust technologies and effective methods which help bring simplicity back into the world of enterprise Java development. The three key technologies covered in this book, the Spring Framework, Hibernate and Eclipse, help reduce the complexity of enterprise Java development

significantly. Furthermore, these technologies enable plain old Java objects (POJOs) to be deployed in light-weight containers versus heavy-handed remote objects that require heavy EJB containers. This book also extensively covers technologies such as Ant, JUnit, JSP tag libraries and touches upon other areas such as logging, GUI based debugging, monitoring using JMX, job scheduling, emailing, and more. Also, Extreme Programming (XP), Agile Model Driven Development (AMDD) and refactoring are methods that can expedite the software development projects by reducing the amount of up front requirements and design; hence these methods are embedded throughout the book but with just enough details and examples to not sidetrack the focus of this book. In addition, this book contains well separated, subjective material (opinion sidebars), comic illustrations, tips and tricks, all of which provide real-world and practical perspectives on relevant topics. Last but not least, this book demonstrates the complete lifecycle by building and following a sample application, chapter-by-chapter, starting from conceptualization to production using the technology and processes covered in this book. In summary, by using the technologies and methods covered in this book, the reader will be able to effectively develop enterprise-class Java applications, in an agile manner!

Essential JavaBeans fast de-mystifies the terminology and gets programmers using the JavaBean components quickly and effectively in their own applications. Programmers can either read the book from start-to-finish (it shouldn't take long) or can dip into it for various aspects of JavaBeans where needed. The book focuses on all the necessary elements for getting started on and using JavaBeans. Many examples are included and readers are encouraged to try them out as they go, to get a real feel for how JavaBeans work.

An epic fantasy adventure that will make you laugh and cry. You'll fall in love with some characters and hate the others. Elves, Giants, Druids, Dwarves and wraiths. What more could you desire?

This text introduces students to the concepts of building Web-distributed applications and helps develop the necessary skills through numerous examples, projects, case studies and hands-on examples.

Shows Java developers everything they need to know to build Java database applications with MySQL. Takes a hands-on, code-intensive approach in which readers will learn how to build a sophisticated Web database management application. Begins with a review of the fundamentals of MySQL. Explains using Java's JDBC with MySQL, as well as servlet and JSP programming with MySQL. Provides a code-rich tutorial on how to build the sample Java database application using EJBs. The companion Web site provides the full code examples plus links to useful sites. This introduction to Enterprise JavaBeans (EJB's) discusses the component paradigm, which is the basic idea behind EJB's, covers basics and focuses on issues beyond specification.

In Pro CDI 2 in Java EE 8, use CDI and the CDI 2.0 to automatically manage the life cycle of your enterprise Java, Java

EE, or Jakarta EE application's beans using predefined scopes and define custom life cycles using scopes. In this book, you will see how you can implement dynamic and asynchronous communication between separate beans in your application with CDI events. The authors explain how to add new capabilities to the CDI platform by implementing these capabilities as extensions. They show you how to use CDI in a Java SE environment with the new CDI initialization and configuration API, and how to dynamically modify the configuration of beans at application startup by using dynamic bean building. This book is compatible with the new open source Eclipse Jakarta EE platform and tools. What You Will Learn Use qualifier annotations to inject specific bean implementations Programmatically retrieve bean instances from the CDI container in both Java SE and Java EE when injecting them into an object isn't possible Dynamically replace beans using the `@Alternative` annotation to, for example, replace a bean with a mock version for testing Work with annotation literals to get instances of annotations to use with the CDI API Discover how scopes and events interact Who This Book Is For Those who have some experience with CDI, but may not have experience with some of the more advanced features in CDI.

Summary Building on the bestselling first edition, *EJB 3 in Action, Second Edition* tackles EJB 3.2 head-on, through numerous code samples, real-life scenarios, and illustrations. This book is a fast-paced tutorial for Java EE 6 business component development using EJB 3.2, JPA 2, and CDI. Besides covering the basics of EJB 3.2, this book includes in-depth EJB 3.2 internal implementation details, best practices, design patterns, and performance tuning tips. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book 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. Readers need to know Java. No prior experience with EJB or Java EE is assumed. What's Inside Fully revised for EJB 3.2 POJO persistence with JPA 2.1 Dependency injection and bean management with CDI 1.1 Interactive application with WebSocket 1.0 About the Authors Debu Panda, Reza Rahman, Ryan Cuprak, and Michael Remijan are seasoned Java architects, developers, authors, and community leaders. Debu and Reza coauthored the first edition of *EJB 3 in Action*. Table of Contents PART 1 OVERVIEW OF THE EJB LANDSCAPE What's what in EJB 3 A first taste of EJB PART 2 WORKING WITH EJB COMPONENTS Building

business logic with session beans Messaging and developing MDBs EJB runtime context, dependency injection, and crosscutting logic Transactions and security Scheduling and timers Exposing EJBs as web services PART 3 USING EJB WITH JPA AND CDI JPA entities Managing entities JPQL Using CDI with EJB 3 PART 4 PUTTING EJB INTO ACTION Packaging EJB 3 applications Using WebSockets with EJB 3 Testing and EJB

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms. Beginning Java EE 7 is the first tutorial book on Java EE 7. Step by step and easy to follow, this book describes many of the Java EE 7 specifications and reference implementations, and shows them in action using practical examples. This definitive book also uses the newest version of GlassFish to deploy and administer the code examples. Written by an expert member of the Java EE specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies. What you'll learn Get started with the latest version of the Java EE Platform. Explore and use the EJB and JPA APIs from entities to session beans to message driven beans, and more. Discover web tier development APIs including JSF, Facelets and Expression Language. Uncover SOAP web services, RESTful web services, and more available in this latest Java EE. Create dynamic user interfaces for your enterprise and transactional Java applications. Who this book is for This book is for Java or Spring programmers with some experience and those new to Java EE platform. Architects will also find information about how to layer their Java EE applications. Table of Contents Java EE 7 Environment Context and Dependency Injection Bean Validation Java Persistence API Object-Relational Mapping Managing Persistent Object Enterprise Java Beans Callbacks, Timer Service, and Authorization Interceptors and Transactions JavaServer Faces Processing and Navigation XML and JSON Messaging SOAP Web Services RESTful Web Service

Java—from first steps to first apps Knowing Java is a must-have programming skill for any programmer. It's used in a wide array of programming projects—from enterprise apps and mobile apps to big data, scientific, and financial uses. The language regularly ranks #1 in surveys of the most popular language based on number of developers, lines of code written, and real-world usage. It's also the language of choice in AP Computer Science classes taught in the U.S. This guide provides an easy-to-follow path from understanding the basics of writing Java code to applying those skills to real projects. Split into eight minibooks covering core aspects of Java, the book introduces the basics of the Java language and object-oriented programming before setting you on the path to building web apps and databases. • Get up to speed on Java basics • Explore object-oriented programming • Learn about strings, arrays, and collections • Find out about files and databases Step-by-step instructions are provided to ensure that you don't get lost at any point along the way. Direct from the Source! The authoritative step-by-step guide to developing enterprise applications for Java EE.

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms from Oracle (previously Sun). Beginning Java EE 6 Platform with GlassFish 3, Second Edition is this first tutorial book on the final (RTM) version of the Java EE 6 Platform. Step by step and easy to follow, this book describes many of the Java EE 6 specifications and reference implementations, and shows them in action using practical examples. This book uses the new version of GlassFish 3 to deploy and administer the code examples. Written by an expert member of the Java EE 6 specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies.

EJB allows developers to focus on the actual business architecture of their creations rather than worry about megalocs of code. Because EJB systems are written in Java, they are platform independent and as they are object-orientated, they can be intergrated into existed systems with little or no recompiling.

The 1st edition of this book was equally useful as an undergraduate textbook and as the lucid, no-nonsense guide required by IT professionals, featuring many code examples, screenshots and exercises. The new 2nd edition adds revised language reflecting significant changes in J2SE 5.0; update of support software; non-blocking servers; DataSource interface and Data Access Objects for connecting to remote databases.

Version 5.0 of the Java 2 Standard Edition SDK is the most important upgrade since Java first appeared a decade ago. With Java 5.0, you'll not only find substantial changes in the platform, but to the language itself-something that developers of Java took five years to complete. The main goal of Java 5.0 is to make it easier for you to develop safe, powerful code, but none of these improvements makes Java any easier to learn, even if you've programmed with Java for years. And that means our bestselling hands-on tutorial takes on even greater significance. Learning Java is the most widely sought introduction to the programming language that's changed the way we think about computing. Our updated third edition takes an objective, no-nonsense approach to the new features in Java 5.0, some of which are drastically different from the way things were done in any previous versions. The most essential change is the addition of "generics", a feature that allows developers to write, test, and deploy code once, and then reuse the code again and again for different data types. The beauty of generics is that more problems will be caught during development, and Learning Java will show you exactly how it's done. Java 5.0 also adds more than 1,000 new classes to the Java library. That means 1,000 new things you can do without having to program it in yourself. That's a huge change. With our book's practical examples, you'll come up to speed quickly on this and other new features such as loops and threads. The new edition also includes an introduction to Eclipse, the open source IDE that is growing in popularity. Learning Java, 3rd Edition addresses all of the important uses of Java, such as web applications, servlets, and XML that are increasingly driving enterprise applications.

The Java EE 7 Tutorial: Volume 2, Fifth Edition, is a task-oriented, example-driven guide to developing enterprise applications for the Java Platform, Enterprise Edition 7 (Java EE 7). Written by members of the Java EE documentation team at Oracle, this book provides new and intermediate Java programmers with a deep understanding of the platform. This guide includes descriptions of platform features and provides instructions for using the latest versions of NetBeans IDE and GlassFish Server Open Source Edition. The book introduces Enterprise JavaBeans components, the Java Persistence API, the Java Message Service (JMS) API, Java EE security, transactions, resource adapters,

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Java EE Interceptors, Batch Applications for the Java Platform, and Concurrency Utilities for Java EE. The book culminates with three case studies that illustrate the use of multiple Java EE 7 APIs.

An invaluable tutorial on the dramatic changes to Enterprise JavaBeans (EJB) 3.0 Featuring myriad changes from its previous versions, EJB 3.0 boasts a very different programming and deployment model, with nearly every aspect of development affected. Even the most experienced EBJ and J2EE developers will need to relearn how to best use EJB to develop mission-critical applications. This author team of experts has taken their combined skills in architecture, development, consulting, and knowledge transfer to explain the various changes to EJB 3.0 as well as the rationale behind these changes. You'll learn the concepts and techniques for authoring distributed, enterprise components in Java from the ground up. Covering basic through advanced subjects, Mastering Enterprise JavaBeans 3.0 is more than 50 percent new and revised. Four new chapters and one new appendix cover the latest features of this new release, and in-depth coverage of the Java Persistence API and the entities defined therein is provided. The authors' main goal is to get you programming with EJB immediately. To that end, you'll learn:

- \* How to implement EJB 3.0 beans, with emphasis on session beans (stateful and stateless) and message-driven beans
- \* Both basic and advanced concepts (such as inheritance, relationships, and so on) of Java Persistence API defined entities
- \* How to develop and deploy EJB 3.0 Web services
- \* How to secure EJB applications
- \* How to integrate EJB applications with the outside world via the Java EE Connector technology
- \* Tips and techniques for designing and deploying EJB for better performance
- \* How clustering in large-scale EJB systems works
- \* Best practices for EJB application design, development, and testing

The companion Web site provides all the source code, updates to the source code examples, and a PDF version of the book. Wiley Technology Publishing Timely. Practical. Reliable. Visit the companion Web site at [www.wiley.com/go/sriganesh](http://www.wiley.com/go/sriganesh)

Intended for those who already know the Java language, this book will help programmers get the most out of Javas capabilities. Topics covered include: good Java style for reusable components, using Java beans, the JDBC, optimizing and testing code, using the IFC tools, and the new JFC. It also explores the significant and exciting developments in Java and covers techniques that will be fundamental to programmers developing significant applications in Java.

Java for Web with Servlets, JSP and EJB is the one book you need to master Java web programming. It covers all the technologies needed to program web applications in Java using Servlets 2.3, JSP 1.2, EJB 2.0 and client-side programming with JavaScript. These technologies are explained in the context of real-world projects, such as an e-commerce application, a document management program, file upload and programmable file download, and an XML-based online book project. In addition to excellent content, this book includes licenses to two Java web components from BrainySoftware.com. You receive a full license of the Programmable File Download component for commercial and non-commercial deployment. You are also granted to a license to deploy the author's popular File Upload bean for non-commercial use, which has been licensed by the Fortune 500 company Commerce One and purchased by major corporations such as Saudi Business Machine, Ltd. and Baxter Healthcare Corporation.

Build a dynamic, high-impact Web site with the remarkable power of Dreamweaver 8 and the latest version of this top-selling guide from well-known Dreamweaver guru Joseph Lowery. Packed with hands-on instruction and step-by-step tutorials, this comprehensive manual starts you on the basics of Web design and moves to advanced techniques in no time. From quick design prototyping to ongoing Web site management—plus a special focus on Dreamweaver 8's new features for CSS, Flash video, code development, and more - this professional guide is a must for Web masters and developers. Inside, you'll find complete coverage of Dreamweaver 8 Create dynamic Web pages using

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Cascading Style Sheets Punch up your page with progressive or streaming video Build interactive forms and client-side image maps Insert, delete, and update data in your Web pages Improve your HTML coding with the new Coding toolbar Integrate with Photoshop(r), Flash(r), Fireworks(r), ColdFusion(r), and other apps Use templates and the Library to unify and update your pages Extend Dreamweaver's power by creating your own custom tags and behaviors Bonus CD-ROM The value-packed CD-ROM includes Dreamweaver 8 tryout edition and exclusive interactive on-screen tutorials! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Nine minibooks filling more than 800 pages provide the world's five million-plus Java developers with a basic all-in-one programming reference Covers the recent release of the Java 2 Platform Standard Edition 5.0 and the new J2SE Development Kit 5.0 Starts with beginner topics including getting started with Java, using the Java development platform, and Web programming Expands into more advanced Java fundamentals such as object-oriented programming, working with arrays and collections, and creating user interfaces with Swing

A uniquely comprehensive guide leads readers through the basics of JavaBeans and the Bean Development Kit; shows them how to build, link, and distribute the JavaBeans components; and covers the JDBC, RMI, and multicasting. Original. (All Users).

A hands-on practical guide disclosing all areas of Java EE 8 development on the newest WildFly application server. Covers everything from the foundation components (EJB, Servlets, CDI, JPA) to the new technology stack defined in Java Enterprise Edition 7 hence including the new Batch API, JSON-P Api, the Concurrency API, Web Sockets, the JMS 2.0 API, the core Web services stack (JAX-WS, JAX-RS). The testing area with Arquillian framework and the Security API complete the list of topics discussed in the book.

With complete instructions for building Java Beans and a set of ready-to-use Java Beans for a wide variety of applications, this book is a serious reference for developers and programmers. This title includes steps for converting an applet into a bean and discusses the new Glasgow and InfoBus specifications.

Quickly find solutions to dozens of common programming problems with the Java Enterprise Edition Platform for small business web applications, enterprise database applications, and microservices solutions. Content is presented in the popular problem-solution format. Look up the programming problem that you want to solve. Read the solution. Apply the solution directly in your own code. Problem solved!

Java EE 8 Recipes provides you with effective and proven solutions that can be used to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. Java is a mature programming language that has been refined over the years into a productive and lucrative language for those with the skills to wield it. One result of this years-long refining process is that the language carries forward many older feature sets that no longer represent the best way of getting work accomplished. You can rest assured that Java EE 8 Recipes provides solutions using the most current approaches implemented in the most current Java Enterprise technologies, including JSON-P 1.1, JSF 2.3, and JAX-RS 2.1. Build a streamlined and reliable application that uses the latest in Java technologies, and develop it much faster than you did with the older technologies. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful technologies available for application development today. Develop productively. Develop with proven technology. Develop with Java Enterprise Edition. The book: Teaches how to develop RESTful enterprise applications quickly using the most current Java EE technologies Explores different solutions for developing sophisticated web user interfaces Walks you through a myriad of different concepts to apply while working with databases using Java technologies What You'll Learn Develop Java Enterprise applications using the latest in Java EE technologies Build great-looking user interfaces using Java Server Faces Employ Java

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Servlet technology and standard frameworks in developing professional web applications  
Create enterprise-level database applications using Enterprise Java Beans and JAX-RS RESTful web services  
Make use of Arquillian to build a cohesive test suite for Java EE applications  
Manage Java EE application security through Java EE's container feature set  
Who This Book Is For  
Java developers who want to develop effective and proven solutions without reading a lengthy manual and scrubbing for techniques. A beginning Java programmer will find the book handy for learning a variety of different solutions for the platform, while advanced developers will enjoy the ease of the problem-solution approach to quickly broaden their knowledge of the platform's latest technologies.

If you're up on the latest Java technologies, then you know that Enterprise JavaBeans (EJB) 3.0 is the hottest news in Java this year. In fact, EJB 3.0 is being hailed as the new standard of server-side business logic programming. And O'Reilly's award-winning book on EJB has been refreshed just in time to capitalize on the technology's latest rise in popularity. This fifth edition, written by Bill Burke and Richard Monson-Haefel, has been updated to capture the very latest need-to-know Java technologies in the same award-winning fashion that drove the success of the previous four strong-selling editions. Bill Burke, Chief Architect at JBoss, Inc., represents the company on the EJB 3.0 and Java EE 5 specification committees. Richard Monson-Haefel is one of the world's leading experts on Enterprise Java. Enterprise JavaBeans 3.0, 5th Edition is organized into two parts: the technical manuscript followed by the JBoss workbook. The technical manuscript explains what EJB is, how it works, and when to use it. The JBoss workbook provides step-by-step instructions for installing, configuring, and running the examples from the manuscript on the JBoss 4.0 Application Server. Although EJB makes application development much simpler, it's still a complex and ambitious technology that requires a great deal of time to study and master. But now, thanks to Enterprise JavaBeans 3.0, 5th Edition, you can overcome the complexities of EJBs and learn from hundreds of practical examples that are large enough to test key concepts but small enough to be taken apart and explained in the detail that you need. Now you can harness the complexity of EJB with just a single resource by your side.

The Bean Development Kit is Sun's reference environment for developing and testing beans. Mastering JavaBeans explains everything you need to know to work effectively right from the start. Design, implement, and reuse Java beans. This book's critical focus is on teaching you to tap the power of JavaBeans and use this standard to create and deploy reusable Java components. Benefit from step-by-step instructions, troubleshooting advice, and scores of undocumented tips - plus careful attention to the most critical and challenging topics for Java/JavaBeans programmers.

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms from Oracle (previously Sun). Beginning Java EE 6 Platform with GlassFish 3, Second Edition is this first tutorial book on the final version of the Java EE 6 Platform. Step by step and easy to follow, this book describes many of the Java EE 6 specifications and reference implementations, and shows them in action using practical examples. This book uses the new version of GlassFish 3 to deploy and administer the code examples. Written by an expert member of the Java EE 6 specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies.

The Java EE 6 Tutorial: Basic Concepts, Fourth Edition, is a task-oriented, example-driven guide to developing enterprise applications for the Java Platform, Enterprise Edition 6 (Java EE 6). Written by members of the Java EE 6 documentation team at Oracle, this book provides new and intermediate Java programmers with a deep understanding of the platform. Starting with expert guidance on web tier technologies, including JavaServer Faces and Facelets, this book also covers building web services using JAX-WS and JAX-RS, developing business logic

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with Enterprise JavaBeans components, accessing databases using the Java Persistence API, securing web and enterprise applications, and using Contexts and Dependency Injection for the Java EE platform. This edition contains extensive new material throughout, including detailed introductions to the latest APIs and platform features, and instructions for using the latest versions of GlassFish Server Open Source Edition and NetBeans IDE. Key platform features covered include Convention over configuration, so developers need specify only those aspects of an application that vary from the convention Annotated POJOs (Plain Old Java Objects) with optional XML configuration Simplified but more flexible packaging Lightweight Web Profile that is ideal for developing web applications The Java Series...from the Source Since 1996, when Addison-Wesley published the first edition of The Java Programming Language by Ken Arnold and James Gosling, this series has been the place to go for complete, expert, and definitive information on Java technology. The books in this series provide the detailed information developers need to build effective, robust, and portable applications and are an indispensable resource for anyone using the Java platform.

Explains how to implement and maintain JavaBeans, covering event listeners and adapters, object validation, property editors and customizers, and using JavaBeans in Visual Basic programs

Java EE 7 Recipes takes an example-based approach in showing how to program Enterprise Java applications in many different scenarios. Be it a small-business web application, or an enterprise database application, Java EE 7 Recipes provides effective and proven solutions to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. The solutions in Java EE 7 Recipes are built using the most current Java Enterprise specifications, including EJB 3.2, JSF 2.2, Expression Language 3.0, Servlet 3.1, and JMS 2.0. While older technologies and frameworks exist, it is important to be forward-looking and take advantage of all that the latest technologies offer. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful platforms available for application development today. Let Java EE 7 Recipes show you the way by showing how to build streamlined and reliable applications much faster and easier than ever before by making effective use of the latest frameworks and features on offer in the Java EE 7 release. Shows off the most current Java Enterprise Edition technologies. Provides solutions to creating sophisticated user interfaces. Demonstrates proven solutions for effective database access. Table of ContentsIntroduction to Servlets JavaServer Pages The Basics of JavaServer Faces Facelets JavaServer Faces Standard Components Advanced JavaServer Faces and Ajax JDBC Object-Relational Mapping Enterprise JavaBeans The Query API and JPQL Oracle's Glassfish Contexts and Dependency Injection Java Message Service Authentication and Security Java Web Services Enterprise Solutions Using Alternative Programming Languages WebSockets and JSON-P JavaFX in the Enterprise Concurrency and Batch Applications

Developing Java Beans"O'Reilly Media, Inc."

With more than 700,000 copies sold to date, Java in a Nutshell from O'Reilly is clearly the favorite resource amongst the legion of developers and programmers using Java technology. And now, with the release of the 5.0 version of Java, O'Reilly has given the book that defined the "in a Nutshell" category another impressive tune-up. In this latest revision, readers will find Java in a Nutshell, 5th Edition, does more than just cover the extensive changes implicit in 5.0, the newest version of Java. It's undergone a complete makeover--in scope, size, and type of coverage--in order to more closely meet the needs of the modern Java programmer. To wit, Java in a Nutshell, 5th Edition now places less emphasis on coming to Java from C and C++, and adds more discussion on tools and frameworks. It also offers new code examples to

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illustrate the working of APIs, and, of course, extensive coverage of Java 5.0. But faithful readers take comfort: it still hasn't lost any of its core elements that made it such a classic to begin with. This handy reference gets right to the heart of the program with an accelerated introduction to the Javaprogramming language and its key APIs--ideal for developers wishing to start writing code right away. And, as was the case in previous editions, Java in a Nutshell, 5th Edition is once again chock-full of poignant tips, techniques, examples, and practical advice. For as long as Java has existed, Java in a Nutshell has helped developers maximize the capabilities of the program's newest versions. And this latest edition is no different.

This is a single-volume book on 'electrical machines' that teaches the subject precisely and yet with amazing clarity. The extent has been kept in control so that the entire subject can be covered by students within the limited time of the semesters. Thus, they will not have to consult multiple books anymore. The discussions of concepts include the modern trends used in industry, like efficient transformers, efficient induction motors, DC drives, and the problems related to them. A special feature of this book is its presentation. Important statements have been set in bold type. Key equations have been given in separate boxes so that they can be spotted easily at the time of revising. Key Features • Tools like 'Remember!', and 'In a Nutshell' aimed at focusing attention on important related points • 'Key Points to Remember' at the end of each chapter to facilitate recapitulation of text in fast mode • Appendix at the end of the book to provide additional useful information on machines • More than 250 focused solved examples • More than 300 numerical questions • More than 400 descriptive questions

When the Y2K crisis winds down, COBOL programmers will look for new ways to apply their skills. Drawing on the numerous similarities between COBOL and Java, Java for the COBOL Programmer teaches Java to professional COBOL programmers. To quicken and simplify the transition from one language to the other, the authors describe the features and syntax of Java while contrasting them with their parallels in COBOL. Although the book assumes an overall familiarity with COBOL, each chapter lists the specific COBOL knowledge required as new material is presented. The book is completely modular, allowing a reader to skip back and forth from one chapter to another, depending on his or her immediate needs. The authors make extensive use of program examples for both COBOL and Java. With each example, they present a COBOL program that performs a certain function and develop a Java program that accomplishes the same task. Sample programs are available on an accompanying CD-ROM. A running case study evolves with increased functionality as new material is presented in subsequent chapters. No other volume uses this approach to teach Java to COBOL programmers.

Get a concise introduction to Spring, the popular open source framework for building lightweight enterprise applications on the Java platform. This example-driven book for Java developers delves into the framework's basic features, as well as complex concepts such as containers. You'll learn how Spring makes Java Messaging Service easier to work with, and how its support for Hibernate helps you work with data persistence and retrieval. In this revised edition of Just Spring, you'll get your hands deep into sample code, beginning with a problem that illustrates Spring's core principle: dependency injection. In the chapters that follow, author Madhusudhan Konda walks you through features that underlie the solution. Dive into the new chapter on advanced concepts, such as bean scopes and property editors Learn dependency injection through a simple object coupling problem Tackle the framework's core fundamentals, including beans and bean factories Discover how Spring makes the Java Messaging Service API easier to use Learn how Spring has revolutionized data access with Java DataBase Connectivity (JDBC) Use Spring with the Hibernate framework to manipulate data as objects

This book is a one time reference and a solid introduction, written from the programmer's point of view that contains hundreds of examples

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covering every aspect of Java 6. It helps you master the entire spectrum of Java 6 from Generics to Security enhancements; from new applet deployment enhancements to Networking; from Servlets to XML; from Sound and Animation to database handling; from Java Naming from Internationalization to Dynamic Scripting and Groovy and much more.

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