
Advanced Java Development For Enterprise Applications

Java EE 7 Recipes

Enterprise Java?2, J2EE 1.3 Complete

Core Java, Volume II--Advanced Features

Professional Java for Web Applications

Mastering Enterprise JavaBeans

Developing Enterprise Java Applications with J2EE and UML

Spring: Developing Java Applications for the Enterprise

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Enterprise Java Programming with IBM WebSphere
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Introducing Jakarta EE CDI
Beginning Jakarta EE
Advanced Java 2nd Edition with Enterprise Java Set

*Advanced Java
Development For
Enterprise Applications*

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TREVINO DONNA

Java EE 7 Recipes John Wiley & Sons
The comprehensive Wrox guide for creating Java web applications for the enterprise. This guide shows Java software developers and software engineers how to build complex web applications in an enterprise environment. You'll begin with an introduction to the Java Enterprise Edition and the basic web application, then

set up a development application server environment, learn about the tools used in the development process, and explore numerous Java technologies and practices. The book covers industry-standard tools and technologies, specific technologies, and underlying programming concepts. Java is an essential programming language used worldwide for both Android app development and enterprise-level corporate solutions. As a step-by-step guide or a general reference, this book provides an all-in-one Java development solution. Explains Java Enterprise Edition 7

and the basic web application, how to set up a development application server environment, which tools are needed during the development process, and how to apply various Java technologies. Covers new language features in Java 8, such as Lambda Expressions, and the new Java 8 Date & Time API introduced as part of JSR 310, replacing the legacy Date and Calendar APIs. Demonstrates the new, fully-duplex WebSocket web connection technology and its support in Java EE 7, allowing the reader to create rich, truly interactive web applications that can push

updated data to the client automatically
 Instructs the reader in the configuration and use of Log4j 2.0, Spring Framework 4 (including Spring Web MVC), Hibernate Validator, RabbitMQ, Hibernate ORM, Spring Data, Hibernate Search, and Spring Security Covers application logging, JSR 340 Servlet API 3.1, JSR 245 JavaServer Pages (JSP) 2.3 (including custom tag libraries), JSR 341 Expression Language 3.0, JSR 356 WebSocket API 1.0, JSR 303/349 Bean Validation 1.1, JSR 317/338 Java Persistence API (JPA) 2.1, full-text searching with JPA, RESTful and SOAP web services, Advanced Message Queuing Protocol (AMQP), and OAuth Professional
 Java for Web Applications is the complete Wrox guide for software developers who are familiar with Java and who are ready to build high-level enterprise Java web applications.

Enterprise Java?2, J2EE 1.3 Complete
 Wiley

This book is for professional WildFly developers. If you are already using JBoss or WildFly but don't use the Eclipse IDE and Maven for development, this book will show you how the Eclipse IDE and Maven facilitate the development of Java EE

applications with WildFly 8.1. This book does not provide a beginner-level introduction to Java EE as it is written as an intermediate/advanced course in Java EE development with WildFly 8.1.

Core Java, Volume II--Advanced

Features Addison-Wesley Professional
 This book looks at the exciting world of advanced programming concepts with the three major Java platforms - Java 2 Enterprise Edition (J2EE), Java 2 Standard Edition (J2SE) and Java 2 Micro Edition (J2ME).

Professional Java for Web Applications

Addison-Wesley Professional

For comprehensive courses in rapid Java application development. Comprehensive and incremental, this text focuses on rapid Java application development. The early chapters introduce JavaBeans - the basis of rapid Java application development; while subsequent chapters apply - step-by-step - rapid application development techniques to build comprehensive, robust and useful graphics applications, RMI, and Java servlets. *NEW - Updated to JBuilder 4 and 5 Screen shots are taken from JBuilder 4 and new features in JBuilder 5 are presented in JBuilder 5 NOTE boxes,

students can use either JBuilder 4 or JBuilder 5 with this book. *NEW - UML graphical notations are used to describe classes and their relationships whenever appropriate, teaches students about this standard notation that is used in the real world for planing and developing object-oriented programs. *NEW - Chapter 16: Servlets, provides comprehensive coverage of servlets, teaching students about this aspect of server-side Java programming. *NEW - 80% more exercises - Solutions to the even-numbered exercises are available for students, provides more opportunity for students to apply the concepts in each chapter and test thei

Mastering Enterprise JavaBeans John Wiley & Sons

Learn to use the Jakarta Persistence API and other related APIs as found in the Jakarta EE 10 platform from the perspective of one of the specification creators. A one-of-a-kind resource, this in-depth book provides both theoretical and practical coverage of Jakarta Persistence usage for experienced Java developers. Authors Lukas Jungmann, Mike Keith, Merrick Schincariol, Massimo Nardone take

a hands-on approach, based on their wealth of experience and expertise, by giving examples to illustrate each concept of the API and showing how it is used in practice. The examples use a common model from an overarching sample application, giving you a context from which to start and helping you to understand the examples within an already familiar domain. After completing this in-depth book, you will have a full understanding of persistence and be able to successfully code applications using its annotations and APIs. The book also serves as an excellent reference guide.

What You Will Learn Use Jakarta Persistence in the context of enterprise applications Work with object relational mappings (ORMs), collection mappings and more Build complex enterprise Java applications that persist data long after the process terminates Connect to and persist data with a variety of databases, file formats, and more Use queries, including the Jakarta Persistence Query Language (Jakarta Persistence QL) Carry out advanced ORM, queries and XML mappings Package, deploy and test your Jakarta persistence-enabled enterprise

applications Who This Book Is For Experienced Java programmers and developers with at least some prior experience with Jakarta EE or Java EE platform APIs.

Developing Enterprise Java Applications with J2EE and UML
"O'Reilly Media, Inc."

Discover the Jakarta EE Contexts and Dependency Injection (CDI 2.0) framework which helps you write better code through the use of well-defined enterprise Java-based components and beans (EJBs). If you have ever wanted to write clean Java EE code, this short book is your best guide for doing so: you will pick up valuable tips along the way from your author's years of experience teaching and coding. Introducing Jakarta EE CDI covers CDI 2.0 in detail and equips you with the theoretical underpinnings of Java EE, now Jakarta EE. This book is packed with so much that by the end of it, you will feel confident to use your new-found knowledge to help you write better, readable, maintainable, and long-lived mission-critical software. **What You Will Learn** Write better code with the Jakarta EE Contexts and Dependency Injection

(CDI) framework Work with the powerful, extensible, and well-defined contextual life cycle for components Use CDI's mechanism for decoupling application components through a typesafe event API Build typesafe interceptors for altering the behaviour of components at runtime Harness the well-defined qualifier system for easy isolation of beans Convert almost any valid Java type to a CDI managed bean with CDI's producer mechanism Who This Book Is For Experienced enterprise Java, Java EE, or J2EE developers who may be new to CDI or dependency injection. [Spring: Developing Java Applications for the Enterprise](#) John Wiley & Sons 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 Contents Introduction 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

Advanced Java Apress

The Spring Framework is a major open source application development framework that makes Java/J2EE(TM) development easier and more productive. This book shows you not only what Spring can do but why, explaining its functionality and motivation to help you use all parts of the framework to develop successful applications. You will be guided through all the Spring features and see how they form a coherent whole. In turn, this will help you understand the rationale for Spring's approach, when to use Spring, and how to follow best practices. All this is illustrated with a complete sample application. When you finish the book, you will be well equipped to use Spring effectively in everything from simple Web applications to complex enterprise applications. What

you will learn from this book * The core Inversion of Control container and the concept of Dependency Injection * Spring's Aspect Oriented Programming (AOP) framework and why AOP is important in J2EE development * How to use Spring's programmatic and declarative transaction management services effectively * Ways to access data using Spring's JDBC functionality, iBATIS SQL Maps, Hibernate, and other O/R mapping frameworks * Spring services for accessing and implementing EJBs * Spring's remoting framework Who this book is for This book is for Java/J2EE architects and developers who want to gain a deeper knowledge of the Spring Framework and use it effectively. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Advance Java Sybex

More than ever business applications need to be reliable and secure and Berg shows architects how to focus efforts where it matters.

Advanced Techniques for Java Developers
Firewall Media

Leading Java experts show you how to design and develop Java applications using the latest Java technologies included in JDKTM 1.1 and JDKTM 1.2 Are you an experienced Java programmer ready to take the leap from applet programming to building full-blown business applications? Then this is the book for you. The authors and contributors show you techniques using the latest Java technologies that dramatically extend the capabilities of Java. This book includes the latest in Java Media, RMI, JDBC, JFC, JavaBeansTM, security, and more. This is the first book where Java experts come together to show you what technology and techniques they use to produce real-world Java applications. Using numerous sample programs (included on the CD-ROM), this book provides you with cutting-edge techniques for building sophisticated applications using the latest Java technologies. Concentrating on topics of

vital interest to programmers who need to write mission-critical business applications, the authors detail and explain the following: Advanced I/O and networking Concurrent programming with threads JavaBeansTM Advanced security techniques JavaTM foundation classes Java Media JavaServerTM environment Java database connectivity Java Network Computers and JavaOSTM On the CD-ROM you'll find: Source code you can use to build your own applications Java documentation The Java City multimedia demo Try-and-Buy versions of JavaTM StudioTM and JavaTM WorkShopTM.
Enterprise Java Security Packt Publishing Ltd

This book covers the practical considerations and applications in database programming using Java NetBeans IDE, JavaServer Pages, JavaServer Faces, and Java Beans, and comes complete with authentic examples and detailed explanations. Two data-action methods are developed and presented in this important resource. With Java Persistence API and plug-in Tools, readers are directed step by step through the entire database programming

development process and will be able to design and build professional data-action projects with a few lines of code in mere minutes. The second method, run time object, allows readers to design and build more sophisticated and practical Java database applications. Advanced and updated Java database programming techniques such as Java Enterprise Edition development kits, Enterprise Java Beans, JavaServer Pages, JavaServer Faces, Java RowSet Object, and Java Updatable ResultSet are also discussed and implemented with numerous example projects. Ideal for classroom and professional training use, this text also features: • A detailed introduction to NetBeans Integrated Development Environment • Java web-based database programming techniques (web applications and web services) • More than thirty detailed, real-life sample projects analyzed via line-by-line illustrations • Problems and solutions for each chapter • A wealth of supplemental material available for download from the book's ftp site, including PowerPoint slides, solution manual, JSP pages, sample image files, and sample databases • Coverage of

two popular database systems: SQL Server 2008 and Oracle This book provides undergraduate and graduate students as well as database programmers and software engineers with the necessary tools to handle the database programming issues in the Java NetBeans environment.

DBMS Summary of DBMS Functions
 CODD's Rules Structured Query Language
 Using SQL as a Data Definition Language
 Using SQL as a Data Query Language
 Functions JDBC Architecture Remote Database Access Introduction Connecting to an ODBC Data Source JDBC Connection JDBC Implementation Resultset Processing: Retrieving Results Prepared Statement Callable Statement Other JDBC Classes Moving the Cursor in Scrollable Result Sets Making Updates to Updatable Result Sets Updating a Result Set Programmatically Introduction To Software Components Software Component Model Javabeans Importance of Java Component Model4 Bean Development Kit Starting the BeanBox Using The BDK Beanbox and The Demo Javabeans Building Simple Bean Building the First Bean Event Handling Bean Persistence Serialization and Deserialization Serializable Bean

Introspection Introspector EJB – Overview Component Transaction Monitors TP Monitors Object Request Brokers Middle - Ware Architecture Application Server Example Application Servers The Transactional and n-tier View The Middleware and 3-tier View Why Application Servers? What Application Servers should provide? Introduction to Distributed Applications Distributed Vs Non-Distributed Models Introduction to RMI RMI Architecture Bootstrapping and the RMI registry Working of RMI advantages of RMI Building a Simple Client/Server Application Create the Remote Interface Create a class that implements the Remote Interface Create the main Server program Create Stub and Skeleton Classes Copy the Remote Interface and Stub File to the Client Host Create a Client class that uses the remote services Start up the Registry, Server and Client How RMI simulates pass by reference Dynamic Class Loading Further Best & Ultimate Interview Preparation You can read following Book References Available On Amazon.com--- 1. Cracking the Java Coding Interview HandBook. ASIN: B00G1NV9BE 2. Cracking the Coding

Interview: 400 Programming Questions and Solutions - ASIN: B00FF4ZH8Q 3. Core Java Programming Advance Java, Prentice Hall Jakarta EE 10 is the latest version of the Java Enterprise Edition (EE) platform, which is designed to help developers build modern, scalable, and secure enterprise applications. This book provides a comprehensive guide to using Jakarta EE 10, covering everything from its architecture and key technologies, to best practices and advanced topics. With this book, you will learn how to set up your development environment, create and deploy Jakarta EE applications, and use the latest features in the platform and improved cloud-native capabilities. Whether you are new to Jakarta EE or an experienced Java EE developer, this book will provide you with the knowledge and skills you need to build robust and efficient enterprise applications with Jakarta EE 10. The first part of the book covers everything from the foundation components (EJB, Servlets, CDI, JPA) to the new technology stack defined in Jakarta EE 10, including Batch API, JSON-P API, the Concurrency API, Web Sockets, the JMS API,

the core Web services stack (Jakarta REST Services, Jakarta SOAP Services). The testing area with Arquillian framework and the Security API is also fully covered in this part. At the end of this part, you will be able to create and deploy Enterprise applications on the top of Jakarta EE 10 runtimes (WildFly 27 or newer) and migrate your existing Java EE applications. The second part of the book discusses how to integrate the Jakarta Enterprise API with the Microprofile specification, to provide essential services to develop robust microservices such as the Configuration API, the Health API, the Fault tolerance API, the OpenAPI and Tracing API, the Metrics API, JWT Authentication API and REST Client API. Finally, the third part of the book covers how to build Microservices using WildFly Bootable jar technology and how to deploy them on the cloud with Red Hat OpenShift. What you will learn from this book: - Everything you need to know about Java EE, Jakarta EE 10 and MicroProfile API - How to set up your development environment to build Enterprise applications and Microservices on the top of WildFly. - Learn the best Maven plugins that you can use to simplify

your project scaffolding - Learning the foundation components that constitute the backbone of your applications: EJB, CDI, JPA, JAX-RS, JAX-WS - How to build loosely coupled applications using the straightforward JMS API - How to test your applications with Arquillian in a managed environment, remote environment and even on the cloud! - Discover how to develop Concurrent and Compliant Enterprise applications using the Concurrency API and how to define Batch Jobs using WildFly's batch subsystem. - Secure all kinds of applications (Web/EJB) with standard and custom login modules. How to encrypt the communication of EJB applications and Web applications. - How to enhance your Jakarta EE stack with Microprofile API to build robust Microservices - How to turn your Jakarta EE applications in Microservices using WildFly Bootable jar technology
Pro Jakarta EE 10 Prentice Hall Ptr
 The #1 Java Guide for Serious Programmers: Fully Updated through Java 17 Core Java, Volume II: Fundamentals, Twelfth Edition, is the definitive guide to writing robust, maintainable code. Whatever version of Java you are using up

to and including Java 17 this book will help you achieve a deep and practical understanding of the language and APIs. With with authoritative coverage of enterprise programming, networking, databases, security, modularization, internationalization, code processing, native methods, and more. Cay S. Horstmann explores sophisticated new features with depth and completeness, demonstrating how to use them to build professional-quality applications This book is written for readers with prior programming experience who are looking for in-depth coverage of the Java language and platform. You'll learn about all language features in detail, including the recent improvements in Java 17. The examples are carefully crafted for easy understanding and maximum practical value, so you can rely on them to jump-start your own code.. For 25 years, Core Java has prepared serious programmers for serious Java programming. Master advanced techniques, idioms, and best practices for writing superior Java code Make the most of enhanced Java I/O APIs, object serialization, and regular expressions Efficiently connect to network

services, implement servers and the improved HTTP client, and harvest web data Process code via scripting and compiler APIs, and use annotations to generate code and files Deepen your understanding of the Java Platform Module System, including recent refinements Deepen your understanding of the Java Platform Module System, including recent refinements Preview powerful new APIs for accessing "foreign" functions and memory Core Java, Volume II: Advanced Features, Twelfth Edition is the reliable source for expert coverage of Java 17 enterprise features, the module system, annotations, networking, security, and advanced UI programming.

Mastering JBoss Enterprise Application Platform 7 Apress

Create modular scalable enterprise-grade applications with JBoss Enterprise Application Platform 7 About This Book Leverage the power of JBoss EAP 7 along with Java EE 7 to create professional enterprise grade applications. Get you applications cloud ready and make them highly scalable using this advanced guide. Become a pro Java Developer and move ahead of the crowd with this advanced

practical guide. Who This Book Is For The ideal target audience for this book is Java System Administrators who already have some experience with JBoss EAP and who now want explore in depth creating Enterprise grade apps with the latest JBoss EAP version. What You Will Learn Configure services using the Command Line Interface Deliver fault tolerant server configurations Harden the application server with advanced techniques Expand the application server's horizon with tools such as like Docker/OpenShift Create enterprise ready configurations using clustering techniques. Deliver advanced security solutions and learn how to troubleshoot common network/performance issues In Detail The JBoss Enterprise Application Platform (EAP) has been one of the most popular tools for Java developers to create modular, cloud-ready, and modern applications. It has achieved a reputation for architectural excellence and technical savvy, making it a solid and efficient environment for delivering your applications. The book will first introduce application server configuration and the management instruments that can be used to control

the application server. Next, the focus will shift to enterprise solutions such as clustering, load balancing, and data caching; this will be the core of the book. We will also discuss services provided by the application server, such as database connectivity and logging. We focus on real-world example configurations and how to avoid common mistakes. Finally, we will implement the knowledge gained so far in terms of Docker containers and cloud availability using RedHat's OpenShift. Style and approach If you are a Java developer who wants to level-up to modern day Java web development with the latest Java EE 7 and JBoss EAP 7, this book is the ideal solution for you. It addresses (in a clear and simple way) proof-of-concept scenarios such as clustering and cloud and container configurations, and explains how to solve common issues.

Practical Enterprise Application

Development "O'Reilly Media, Inc." Welcome to your in-depth professional guide to the open source Eclipse Jakarta EE 10 platform. This book will help you build more complex native enterprise Java-based cloud and other applications that

can run in corporate and other mission-critical settings. The majority of the key Jakarta EE 10 APIs or features are dissected in this book, including JSF, JSP, JPA, CDI, REST, Microprofiles, WebSockets, and many more. Along the way, various open source Apache, Eclipse, and other projects are integrated and used for more complete workflows and treatment in general. Jakarta EE 10 comes with a significant number of improvements over Java EE 9 technologies and adopts a series of new technologies. This book starts out with a concise development procedure proposal and shows NetBeans as an alternative IDE to Eclipse. It also talks about versioning, software repositories, and continuous integration techniques. The web tier of enterprise application architectures is covered, including state-of-the-art techniques such as web sockets and front end (JavaScript) related frameworks. The book presents a survey of architecture-related advanced topics, including micro profiles. In a supporting technologies chapter, JSON and XML processing methods are revisited and deepened, and the usage of scripting engines is introduced. A resources chapter

discusses enterprise resource integration, such as resource adapters and Hibernate as a mapper between the SQL and the Java world. Also covered is the usage of no-SQL databases. A security chapter shows advanced security enhancement techniques for use of Jakarta EE in corporate environments. The last chapter talks about advanced logging and monitoring techniques, serving both developers and operations staff. What You Will Learn Build complex Jakarta EE applications that run in corporate or other enterprise settings Create a professional development workflow using Jakarta EE Build more advanced web development applications Work with more advanced supporting technologies to increase application maturity and stability in a corporate environment Do enterprise resource integration, including custom resource adapters Utilize security enhancements of enterprise-level Jakarta EE applications Leverage techniques to monitor and log in a corporate environment, including memory usage and performance troubleshooting Who This Book is For Experienced Java programmers and web developers, especially those with

some prior experience with the Java EE platform

Java Programming with Database Applications ITBuzzPress

Leverage the power of Spring MVC, Spring Boot, Spring Cloud, and additional popular web frameworks. About This Book Discover key Spring Framework-related technology standards such as Spring core, Spring-AOP, Spring data access frameworks, and Spring testing to develop robust Java applications easily This course is packed with tips and tricks that demonstrate Industry best practices on developing a Spring-MVC-based application Learn how to efficiently build and implement microservices in Spring, and how to use Docker and Mesos to push the boundaries and explore new possibilities Who This Book Is For This course is intended for Java developers interested in building enterprise-level applications with Spring Framework. Prior knowledge of Java programming and web development concepts (and a basic knowledge of XML) is expected. What You Will Learn Understand the architecture of Spring Framework and how to set up the key components of the Spring Application

Development Environment Configure Spring Container and manage Spring beans using XML and Annotation Practice Spring AOP concepts such as Aspect, Advice, Pointcut, and Introduction Integrate bean validation and custom validation Use error handling and exception resolving Get to grips with REST-based web service development and Ajax Use Spring Boot to develop microservices Find out how to avoid common pitfalls when developing microservices Get familiar with end-to-end microservices written in Spring Framework and Spring Boot In Detail This carefully designed course aims to get you started with Spring, the most widely adopted Java framework, and then goes on to more advanced topics such as building microservices using Spring Boot within Spring. With additional coverage of popular web frameworks such as Struts, WebWork, Java Server Faces, Tapestry, Docker, and Mesos, you'll have all the skills and expertise you need to build great applications. Starting with the Spring Framework architecture and setting up the key components of the Spring Application Development Environment, you will learn

how to configure Spring Container and manage Spring beans using XML and Annotation. Next, you will delve into Spring MVC, which will help you build flexible and loosely coupled web applications. You'll also get to grips with testing applications for reliability. Moving on, this course will help you implement the microservice architecture in Spring Framework, Spring Boot, and Spring Cloud. Written to the latest specifications of Spring, this book will help you build modern, Internet-scale Java applications in no time. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Learning Spring Application Development by Ravi Kant Soni Spring MVC Beginner's Guide - Second Edition by Amuthan Ganeshan Spring Microservices by Rajesh RV Style and approach This is a step-by-step guide for building a complete application and developing scalable microservices using Spring Framework, Spring Boot, and a set of Spring Cloud components [Advanced Java\(r\) Ee Development with Wildfly\(r\)](#) Springer Science & Business

Media Core Java™ has long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. Now, Core Java™, Volume II--Advanced Features, Tenth Edition, has been extensively updated to reflect the most eagerly awaited and innovative version of Java in years: Java SE 8. Rewritten and reorganized to illuminate powerful new Java features, idioms, and best practices for enterprise and desktop development, it contains hundreds of up-to-date example programs--all carefully crafted for easy understanding and practical applicability. Writing for serious programmers solving real-world problems, Cay Horstmann deepens your understanding of today's Java language and library. In this second of two updated volumes, he offers in-depth coverage of advanced topics including the new Streams API and date/time/calendar library, advanced Swing, security, code processing, and more. This guide will help you Use the new Streams library to process collections more flexibly and efficiently Efficiently access files and

directories, read/write binary or text data, and serialize objects Work with Java SE 8's regular expression package Make the most of XML in Java: parsing, validation, XPath, document generation, XSL, and more Efficiently connect Java programs to network services Program databases with JDBC 4.2 Elegantly overcome date/time programming complexities with the new java.time API Write internationalized programs with localized dates/times, numbers, text, and GUIs Process code with the scripting API, compiler API, and annotation processors Enforce security via class loaders, bytecode verification, security managers, permissions, user authentication, digital signatures, code signing, and encryption Master advanced Swing components for lists, tables, trees, text, and progress indicators Produce high-quality drawings with the Java 2D API Use JNI native methods to leverage code in other languages If you're an experienced programmer moving to Java SE 8, *Core Java*, Tenth Edition, is the reliable, practical, and complete guide to the Java platform that has been trusted by developers for over twenty years. Look for the companion volume, *Core Java*,

Volume I--Fundamentals, Tenth Edition (ISBN-13: 978-0-13-417730-4), for foundational coverage of Java 8 language concepts, UI programming, objects, generics, collections, lambda expressions, concurrency, functional programming, and more.

Applying Enterprise JavaBeans Addison-Wesley Professional

The key to mastering cutting-edge Java technologies, and practical design and deployment issues in the business environment.

Java EE 8 Application Development Apress The Java 2 Platform Enterprise Edition (J2EE TM) offers great promise for dramatically improving the way that enterprise applications are built, and organizations that have adopted the J2EE are gaining a competitive advantage. The industry-standard Unified Modeling Language (UML) has helped countless organizations achieve software success through visual modeling. Together, the UML and J2EE form a powerful set of tools, but the intricacies involved with using them in tandem are considerable. While UML is highly effective for specifying, designing, constructing, visualizing, and

documenting software systems, J2EE offers enterprise developers a simplified, component-based approach to application development. However, when using the two technologies together, developers must first consider--and attempt to reconcile--the different characteristics of each. *Developing Enterprise Java Applications with J2EE TM and UML* examines the best ways to jointly leverage these technologies. Exploring concrete methods for completing a successful development project, the authors cover the use of UML and J2EE in detail. Using practical examples and a case study, they illustrate the pros and cons of specific design approaches, show how personal experience can affect design decisions, and demonstrate proven approaches for building better, software faster. With this book as a guide, developers will be able to overcome the challenges in using UML and J2EE together, and be on their way to building robust, scalable, and complex applications. 0201738295B09042001 **Advanced Java** Wiley

The first end-to-end, practical guide for building enterprise-wide Java applications. This title covers all the issues--from

managing legacy code to building CORBA- based distributed applications, and and valuable Java application tools. beyond. The CD-ROM contains source code

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