

Java Enterprise In A Nutshell (In A Nutshell (O'Reilly))

The author of the best-selling Java in a Nutshell has created an entire book of real-world Java programming examples that you can learn from. If you learn best " by example," this is the book for you.This third edition covers Java 1.4 and contains 193 complete, practical examples: over 21,900 lines of densely commented, professionally written Java code, covering 20 distinct client-side and server-side APIs. It includes new chapters on the Java Sound API and the New I/O API. The chapters on XML and servlets have been rewritten to cover the latest versions of the specifications and to demonstrate best practices for Java 1.4. New and updated examples throughout the book demonstrate many other new Java features and APIs.Java Examples in a Nutshell is a companion volume to Java in a Nutshell, Java Foundation Classes in a Nutshell, and Java Enterprise in a Nutshell. It picks up where those quick references leave off, providing a wealth of examples for both novices and experts. This book doesn't hold your hand; it simply delivers well-commented working examples with succinct explanations to help you learn and explore Java and its APIs.Java Examples in a Nutshell contains examples that demonstrate Core APIs, including I/O, New I/O, threads, networking, security, serialization, and reflection Desktop APIs, highlighting Swing GUIs, Java 2D graphics, preferences, printing, drag-and-drop, JavaBeans, applets, and sound Enterprise APIs, including JDBC (database access), JAXP (XML parsing and transformation), Servlets 2.4, JSP 2.0 (JavaServer Pages), and RMI The book begins with introductory examples demonstrating structured and object-oriented programming techniques for new Java programmers. A special index at the end of the book makes it easy to look up examples that use a particular Java class or accomplish a desired task. In between, each chapter includes exercises that challenge readers and suggest further avenues for exploration. Java developers typically go through four "stages" in mastering Java. In the first stage, they learn the language itself. In the second stage, they study the APIs. In the third stage, they become proficient in the environment. It is in the fourth stage --"the expert stage"-- where things really get interesting, and Java Enterprise Best Practices is the tangible compendium of experience that developers need to breeze through this fourth and final stage of Enterprise Java mastery. Crammed with tips and tricks, Java Enterprise Best Practices distills years of solid experience from eleven experts in the J2EE environment into a practical, to-the-point guide to J2EE. Java Enterprise Best Practices gives developers the unvarnished, expert-tested advice that the man pages don't provide--what areas of the APIs should be used frequently (and which are better avoided); elegant solutions to problems you face that other developers have already discovered; what things you should always do, what things you should never do--even if the documentation says it's ok. Until Java Enterprise Best Practices, Java developers in the fourth stage of mastery relied on the advice of a loose-knit community of fellow developers, time-consuming online searches for examples or suggestions for the immediate problem they faced, and tedious trial-and-error. But Java has grown to include a huge number of APIs, classes, and methods. Now it is simply too large for even the most intrepid developer to know it all. The need for a written compendium of J2EE Best Practices has never been greater. Java Enterprise Best Practices focuses on the Java 2 Enterprise Edition (J2EE) APIs. The J2EE APIs include such alphabet soup acronyms as EJB, JDBC, RMI, XML, and JMX.

Introduces Java Data Objects and its capabilities, explains how to make classes persistent, how to configure JDO, how to make queries, how to perform transactions, and its use in Web applications and J2EE environments.

This book guides you through the new features and enhancements in each of the technologies comprising the Java EE platform. It appeals to a large base of Java EE 6 programmers who are highly motivated to migrate to the newly-released, Java EE 7 platform.

An interactive guide to the fundamentals of the Java programming language utilizes icons, cartoons, and numerous other visual aids to introduce the features and functions of Java and to teach the principles of designing and writing Java programs. Original. (Beginner)

This practical hands-on guide to using the JMX APIs was written by a software developer for other developers as a complete treatment of the JMX architecture.

A tutorial and reference to Java-based APIs for application software development covers such topics as XDoclet, JavaServer Faces, Hibernate API, Enterprise JavaBeans, and J2EE security.

Java Examples in a Nutshell is a companion volume to Java in a Nutshell, Java Foundation Classes in a Nutshell, and Java Enterprise in a Nutshell. It picks up where those quick references leave off, providing a wealth of examples for both novices and experts. This book doesn't hold your hand; it simply delivers well-commented working examples with succinct explanations to help you learn and explore Java and its APIs.

[Running Weblogs with Slash](#)

[The Java EE 7 Tutorial](#)

[Expert Tips & Tricks for Java Enterprise Programmers](#)

[JXTA in a Nutshell](#)

[Java Examples In A Nutshell 3/E](#)

[Programming Jakarta Struts](#)

[Building Java Enterprise Applications](#)

[A Look at What's New](#)

[Introducing Java EE 7](#)

[A Tutorial Companion to Java in a Nutshell](#)

*J2EE 5 is a hot, emerging topic; timely to market *Book covers all other neww J2EE-related technologies, like EJB 3, JSP 2.1, etc. *Previous edition on 1.4 was excellent seller, with consistent low Amazon rank

Develop and deploy fully functional applications and microservices utilising Tomcat, Glassfish servers, Cloud and docker in Java EE 8 Key Features Explore the complete workflow of developing enterprise Java applications Develop microservices with Docker Container and deploy it in cloud Simplify Java EE application development Book Description Java EE is one of the most popular tools for enterprise application design and development. With recent changes to Java EE 8 specifications, Java EE application development has become a lot simpler with the new specifications, some of which compete with the existing specifications. This guide provides a complete overview of developing highly performant, robust and secure enterprise applications with Java EE with Eclipse. The book begins by exploring different Java EE technologies and how to use them (JSP, JSF, JPA, JDBC, EJB, and more), along with suitable technologies for different scenarios. You will learn how to set up the development environment for Java EE applications and understand Java EE specifications in detail, with an emphasis on examples. The book takes you through deployment of an application in Tomcat, GlassFish Servers, and also in the cloud. It goes beyond the basics and covers topics like debugging, testing, deployment, and securing your Java EE applications. You'll also get to know techniques to develop cloud-ready microservices in Java EE. What you will learn Set up Eclipse, Tomcat, and Glassfish servers for Java EE application development Use JSP, Servlet, JSP, and EJBs to create a user interface and write business logic Create Java EE database applications using JDBC and JPA Handle asynchronous messages using MDBs for better scalability Deploy and debug Java EE applications and create SOAP and REST web services Write unit tests and calculate code coverage Use Eclipse MAT (Memory Analysis Tool) to debug memory issues Create and deploy microservices Who this book is for If you are a Java developer with little or no experience in Java EE application development, or if you have experience in Java EE technology but are looking for tips to simplify and accelerate your development process, then this book is for you.

Intended for Java programmers writing applications or applets involving graphics or graphical user interfaces and is a companion to the book entitled, "Java in a Nutshell, 3rd ed."

A guide for Java programmers explains how to use XML to build Web-based enterprise applications incorporating platform independence, extensibility, reusability, global language support, and universal standards.

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

Explores options for using J2EE technologies in the creation of scalable software, providing a case study on a database and focusing on selecting leading-edge technologies and implementing the sample system.

This title provides an in-depth technical look at XML Data Binding, offering complete documentation of all features in both the Sun Microsystems API and popular open source alternative implementations.

Practical Boss Seam® Web 2.0 Projects, written by renowned author and enterprise Java practitioner Jim Farley, is a practical, projects-based book on this groundbreaking open source lightweight JSF-EJB3 framework. It uses practical application scenarios to demonstrate the nature of the JBoss Seam framework, its efficacy, and its limitations. A series of scenarios and real-world case studies offer valuable insight into the new practices of JBoss Seam Web 2.0 development. Each demonstrates a specific element of the framework, from a PayPal-like web application project to designing rich web user interfaces using Seam and Ajax.

[Enterprise JavaBeans](#)

[Head First Java](#)

[Java Management Extensions](#)

[Java & XML Data Binding](#)

[From Novice to Professional](#)

[Java Security](#)

[The Java Enterprise CD Bookshelf](#)

[Architecture](#)

[Java enterprise in a nutshell](#)

[Manuel de référence](#)

Java developers typically go through four "stages" in mastering Java. In the first stage, they learn the language itself. In the second stage, they study the APIs. In the third stage, they become proficient in the environment. It is in the fourth stage --"the expert stage"-- where things really get interesting, and Java Enterprise Best Practices is the tangible compendium of experience that developers need to breeze through this fourth and final stage of Enterprise Java mastery.Crammed with tips and tricks, Java Enterprise Best Practices distills years of solid experience from eleven experts in the J2EE environment into a practical, to-the-point guide to J2EE.Java Enterprise Best Practices gives developers the unvarnished, expert-tested advice that the man pages don't provide--what areas of the APIs should be used frequently (and which are better avoided); elegant solutions to problems you face that other developers have already discovered; what things you should always do, what things you should consider doing, and what things you should never do--even if the documentation says it's ok.Until Java Enterprise Best Practices, Java developers in the fourth stage of mastery relied on the advice of a loose-knit community of fellow developers, time-consuming online searches for examples or suggestions for the immediate problem they faced, and tedious trial-and-error. But Java has grown to include a huge number of APIs, classes, and methods. Now it is simply too large for even the most intrepid developer to know it all. The need for a written compendium of J2EE Best Practices has never been greater.Java Enterprise Best Practices focuses on the Java 2 Enterprise Edition (J2EE) APIs. The J2EE APIs include such alphabet soup acronyms as EJB, JDBC, RMI, XML, and JMX.

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

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

This is written for system administrators who may not have the time to learn about Slash by reading the source code. It collects all the current Slash knowledge from the code, Website and mailing lists and organizes it into a coherent package.

Discusses how and why to configure and develop Web applications with Struts and other Jakarta technologies using the model-view controller design pattern in Java.

Explores J2ME, covering topics including graphical user interfaces for small devices, designing applications for wireless environments, and the Mobile Information Device Profile.

A guide to the operating system's commands and options covers new commands, shell syntax, regular expressions, and obsolete terminology

"A quick reference for simplified Enterprise Java development"--Cover.

[Java EE 8 Development with Eclipse](#)

[Beginning Java EE 7](#)

[Develop, test, and troubleshoot Java Enterprise applications rapidly with Eclipse, 3rd Edition](#)

[Java EE 6 Pocket Guide](#)

[Beginning Java EE 5](#)

[Java EE 7 Recipes](#)

[Practical JBoss Seam Projects](#)

[A Desktop Quick Reference for System V Release 4 and Solaris 7](#)

[Java Web Services in a Nutshell](#)

[Java Cookbook](#)

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

Explains what Web services technologies are and how they work, discussing how to use them and what they do and covering topics including SOAP, WSDL, UDDI, security, interoperability, and integration.

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

Nothing is as constant as change, and this is as true in enterprise computing as anywhere else. Since Java Enterprise in a Nutshell was first published in September of 1999, a dozen or more new APIs have been added to the platform, reflecting the new and different ways developers implement their enterprise objectives. And now developers are being called on to add even greater, more complex levels of interconnectivity to their applications, as the concepts behind Web Services solidify and implementation decisions need coding. Java developers today need a clear understanding of the new APIs, tools, capabilities and pitfalls in J2EE 2.0 so they can plan a technology and implementation strategy for new enterprise projects. Fortunately, this is exactly what they get with the new Java Enterprise in a Nutshell, 2nd edition! Completely revised and updated for the new 2.0 version of Sun Microsystems Java Enterprise Edition software, Java Enterprise in a Nutshell 2nd edition covers all of the J2EE APIs, including RMI, Java IDL, JDBC, JNDI, Java Servlet, and Enterprise JavaBeans, with a fast-paced tutorial and compact reference on each technology. Then Java Enterprise in a Nutshell goes even further, providing a classic O'Reilly-style quick reference for all of the classes in the various packages that comprise the Enterprise APIs - covering the core enterprise APIs as well as numerous standard extensions. One of Java's most striking claims is that it provides a secure programming environment. Yet despite endless discussion, few people understand precisely what Java's claims mean and how it backs up those claims. If you're a developer, network administrator or anyone else who must understand or work with Java's security mechanisms, Java Security is the in-depth exploration you need. Java Security, 2nd Edition, focuses on the basic platform features of Java that provide security--the class loader, the bytecode verifier, and the security manager--and recent additions to Java that enhance this security model: digital signatures, security providers, and the access controller. The book covers the security model of Java 2, Version 1.3, which is significantly different from that of Java 1.1. It has extensive coverage of the two new important security APIs: JAAS (Java Authentication and Authorization Service) and JSSE (Java Secure Sockets Extension). Java Security, 2nd Edition, will give you a clear understanding of the architecture of Java's security model and how to use that model in both programming and administration.The book is intended primarily for programmers who want to write secure Java applications. However, it is also an excellent resource for system and network administrators who are interested in Java security, particularly those who are interested in assessing the risk of using Java and need to understand how the security model works in order to assess whether or not Java meets their security needs.

A comprehensive collection of problems, solutions, and practical examples for anyone programming in Java, "The Java Cookbook" presents hundreds of tried-and-true Java "recipes" covering all of the major APIs as well as some APIs that aren't as well documented in other Java books. The book provides quick solutions to particular problems that can be incorporated into other programs, but that aren't usually programs in and of themselves.

J2EE (Java 2 Enterprise Edition) est un ensemble de paquetsages cohérents regroupés par Sun afin de répondre aux besoins de l'informatique distribuée. Cette plate-forme s'est largement imposée dans les entreprises car elle permet de faire communiquer des composants hétérogènes, et donc a priori incompatibles. Java Enterprise in a Nutshell est un manuel de référence indispensable à tout programmeur Java qui souhaite développer des applications pour l'entreprise et qui a recours à la plate-forme de Sun. Si c'est votre cas vous trouverez rapidement dans ce livre la réponse à toutes ses questions. Cet ouvrage est divisé en trois parties. La première partie offre une introduction complète aux API essentielles. L'approche pédagogique et les exemples pratiques permettront au développeur de se familiariser avec les sujets suivants : JDBC (pour l'accès à des bases de données) ; RMI et Java IDL (pour l'informatique distribuée) ; JNDI (pour les services de nommage et d'annuaire) ; les EJB (pour le développement de solutions métier) ; les servlets Java (pour l'exécution de tâches sur des serveurs web). La deuxième partie comporte des chapitres de référence sur SQL, les outils RMI, IDL et les différents services CORBA. Enfin la troisième partie passe en revue toutes les classes des différents paquetsages qui composent Java Enterprise. On y trouve non seulement les API fondamentales de Java 2 mais également de nombreuses extensions standards comme JMS (Java Message Service) ou encore JTA (Java Transaction API). Un index permet de retrouver en un clin d'œil la classe, la méthode ou le champ désirés. Ce livre trouvera sa place auprès de Java in a Nutshell, qui couvre les API génériques, et de Java Foundation Classes in a Nutshell, qui couvre les API graphiques. En complément, Exemples en Java in a Nutshell reprend les notions fondamentales de ces trois ouvrages et propose toute une série d'exemples types ainsi que des exercices didactiques.

Architects of buildings and architects of software have more in common than most people think. Both professions require attention to detail, and both practitioners will see their work collapse around them if they make too many mistakes. It's impossible to imagine a world in which buildings get built without blueprints, but it's still common for software applications to be designed and built without blueprints, or in this case, design patterns. A software design pattern can be identified as "a recurring problem." Using design patterns for software development makes sense in the same way that architectural design patterns make sense--if it works well in one place, why not use it in another? But developers have had enough of books that simply catalog design patterns without extending into new areas, and books that are so theoretical that you can't actually do anything better after reading them than you could before you started. Crawford and Kaplan's J2EE Design Patterns approaches the subject in a unique, highly practical and pragmatic way. Rather than simply present another catalog of design patterns, the authors broaden the scope by discussing ways to choose design patterns when building an enterprise application from scratch, looking closely at the real world tradeoffs that Java developers must weigh when architecting their applications. Then they go on to show how to apply the patterns when writing realworld software. They also extend design patterns into areas not covered in other books, presenting original patterns for data modeling, transaction / process modeling, and interoperability. J2EE Design Patterns offers extensive coverage of the five problem areas enterprise developers face: Maintenance (Extensibility) Performance (System Scalability) Data Modeling (Business Object Modeling) Transactions (process Modeling) Messaging (Interoperability) And with its careful balance between theory and practice, J2EE Design Patterns will give developers new to the Java enterprise development arena a solid understanding of how to approach a wide variety of architectural and procedural problems, and will give experienced J2EE pros an opportunity to extend and improve on their existing experience.

[Writing and Deploying Secure Applications](#)

[A Desktop Quick Reference](#)

[J2EE Design Patterns](#)

[Java Enterprise in a Nutshell, Second Edition](#)

[Java Data Objects](#)

[Java Enterprise in a Nutshell](#)

[Java Foundation Classes](#)

[Java Enterprise Best Practices](#)

[Java Web Services](#)

[Java & XML](#)

An omnibus collection of titles on Java--in both print and electronic versions--includes Java Enterprise in a Nutshell, Java in a Nutshell, Third Edition, Java Foundation Classes in a Nutshell, Enterprise JavaBeans, Second Edition, Java Servlet Programming, Java Security, and Java Distributed Computing.

(Intermediate)

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 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 longas 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.

Introduces the concepts of the JXTA platform for peer-to-peer distributed computing, and includes the JXTA protocol specification.

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, 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.

Aimed for programmers, offers an accelerated introduction to the 1.4 release of Java 2 Standard edition covering topics such as syntax, object-oriented features, and Java development tools.

Provides both a tutorial and a quick reference guide to the Java APIs for Web services development, with a study of the different types of Web services, an explanation of JWSDP, and other documentation and supplementary material.

[deutsche Ausgabe für J2EE 1.3](#)

[Java Examples in a Nutshell](#)

[J2ME in a Nutshell](#)

[UNIX in a Nutshell](#)

[A Problem-Solution Approach](#)

[Java in a Nutshell](#)