

Expert One On One J2ee Development Without Ejb

What is this book about? With the release of PHP 5 and the Zend Engine 2, PHP finally graduates from its earliest days as a lightweight scripting syntax to an powerful object oriented programming language that can hold its own against the Java and .NET architectures that currently dominate corporate software development. This book has a pragmatic focus on how to use PHP in the larger scheme of enterprise-class software development. What does this book cover? Unlike Java or .NET, there is little discussion of the application of design patterns, component architectures, and best-practices to the development of applications using PHP. Software written in the absence of this sort of higher-order architecture will never be able to match the robust frameworks that Java and .NET ship with out of the box. This book addresses this issue by covering the following material: Part 1 discusses the OO concepts that were initially explored in Beginning PHP 5 and a demonstration of how to implement them in PHP 5. This section also covers UML modeling and provides a brief introduction to project management techniques that are covered in more depth in Part 4. Parts 2 and 3 present objects and object hierarchies that, when completed, comprise a robust toolkit that developers will be able to reuse on future projects. These chapters are designed to arm the professional PHP developer with the sort of constructs that are available out of the box with platforms such as Java and .NET — from simple utility classes like Collection and Iterator, to more complex constructs like Model/View/Controller architectures and state machines. Part 4 shows how to use the toolkit from Parts 2 and 3 to create real-world applications. We look at the development of a robust contact management system that will leverage the componentry and concepts already discussed and introduce project management and software architecture concepts that enable developers to accurately identify business requirements, design scalable, extensible platforms, and handle change management effectively. It covers the waterfall and spiral project management paradigms and include a discussion on eXtreme Programming and other approaches to software development. The Appendices include an extended discussion on the effective use of CVS, introduce the Zend Studio IDE and related tools, and discuss performance tuning and scalability.

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 solution to 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.

Looking to study up for the new J2EE 1.5 Sun Certified Web Component Developer (SCWCD) exam? This book will get you way up to speed on the technology you'll know it so well, in fact, that you can pass the brand new J2EE 1.5 exam. If that's what you want to do, that is. Maybe you don't care about the exam, but need to use servlets and JSPs in your next project. You're working on a deadline. You're over the legal limit for caffeine. You can't waste your time with a book that makes sense only AFTER you're an expert (or worse, one that puts you to sleep). Learn how to write servlets and JSPs, what makes a web container tick (and what ticks it off), how to use JSP's Expression Language (EL for short), and how to write deployment descriptors for your web applications. Master the c:out tag, and get a handle on exactly what's changed since the older J2EE 1.4 exam. You don't just pass the new J2EE 1.5 SCWCD exam, you'll understand this stuff and put it to work immediately. Head First Servlets and JSP doesn't just give you a bunch of facts to memorize; it drives knowledge straight into your brain. You'll interact with servlets and JSPs in ways that help you learn quickly and deeply. And when you're through with the book, you can take a brand-new mock exam, created specifically to simulate the real test-taking experience.

JasperForge.org is the open source development portal for the JasperSoft Business Intelligence Suite, the JasperSoft Business Intelligence solution that delivers comprehensive tools for data access, data integration, analysis, and reporting, including iReport. This definitive, authoritative book: Covers iReport as an intuitive and easy-to-use visual report builder/designer for JasperReports, written in 100% pure Java. Shows how users can visually edit complex reports with charts, images, and subreports, as iReport is integrated with leading open source chart libraries for Java Demonstrates how the data to print can be retrieved through several methods including multiple JDBC connections, TableModels, JavaBeans, XML, MDX, EJBQL, and Hibernate.

Explains how to utilize JDBC (Java Database Connectivity) programs with Oracle 8i and Oracle 9i databases, describing Oracle extensions to JDBC, offering an overview of

JDeveloper, introducing Oracle 9iAS Containers for Java, and providing a valuable overview of Oracle Java Tools and Java and Oracle Type Mappings. Original. (Advanced) Tom Kyte of Oracle Magazine's "Ask Tom" column has written the definitive guide to designing and building high-performance, scalable Oracle applications. The book covers schema design, SQL and PL/SQL, tables and indexes, and much more. From the exclusive publisher of Oracle Press books, this is a must-have resource for all Oracle developers and DBAs.

Provides example programs and their source code to explore concepts and technologies including Enterprise JavaBeans, JavaServer Pages, Java Message Service, and Java Naming and Directory Interface.

Software reuse depicts a great vision for the software industry. It has been widely viewed as a promising way to improve both the productivity and quality of software development. However, despite of the successes we have achieved, there are still many issues that have limited the promotion of software reuse in the real world. Therefore, software reuse has remained an important hotspot of research. ICSR is the premier international conference in the field of software reuse. It has been an important venue for presenting advances and improvements within the software reuse domain, and a powerful driving force in promoting the interaction between researchers and practitioners. The theme of ICSR 10 was "High Confidence Software Reuse in Large Systems." A high confidence system is one that behaves in a well-understood and predictable fashion. Today's trends towards widespread use of commercial off-the-shelf (COTS) technology, increased integration, continuous evolution, and larger scale are yielding more complex software systems. So, the problem of how to build high confidence complex systems and how to reuse software with a high level of confidence has become a new attractive topic for research. Furthermore, high-level software asset reuse has been a goal for the last 20–30 years, and it can still be considered an unsolved question. Components-based development, MDA-MDE-MDD, extreme programming, and other techniques or methods are promising approaches to software reuse that still need more research. These proceedings report on the current state of the art in software reuse.

* 1st and only book to market on the open source Spring MVC and Web Flows, positioned to become the new "Struts." * Will be the only authoritative solution, by the Spring MVC and Spring Web Flows project leads themselves. * Two markets for this book. 1) Ex-patriots from the Struts world who have developed numerous web applications, but are looking for more and willing to take the initiative to experiment with new solutions; and 2) early adopter web developers into Web Flow, which has created a lot of buzz and will generate interest around this book as well as Spring MVC.

Expert One-on-One J2EE Development without EJB John Wiley & Sons

A guide to alternatives to EJB covers such topics as managing transactions, designing applications, accessing data, using open source products to increase productivity, and solving problems.

Learn from F#'s inventor to become an expert in the latest version of this powerful programming language so you can seamlessly integrate functional, imperative, object-oriented, and query programming style flexibly and elegantly to solve any programming problem. Expert F# 4.0 will help you achieve unrivaled levels of programmer productivity and program clarity across multiple platforms including Windows, Linux, Android, OSX, and iOS as well as HTML5 and GPUs. F# 4.0 is a mature, open source, cross-platform, functional-first programming language which empowers users and organizations to tackle complex computing problems with simple, maintainable, and robust code. Expert F# 4.0 is: A comprehensive guide to the latest version of F# by the inventor of the language A treasury of F# techniques for practical problem-solving An in-depth case book of F# applications and F# 4.0 concepts, syntax, and features Written by F#'s inventor and two major F# community members, Expert F# 4.0 is a comprehensive and in-depth guide to the language and its use. Designed to help others become experts, the book quickly yet carefully describes the paradigms supported by F# language, and then shows how to use F# elegantly for a practical web, data, parallel and analytical programming tasks. The world's experts in F# show you how to program in F# the way they do!

The Spring framework is growing. It has always been about choice. Java EE focused on a few technologies, largely to the detriment of alternative, better solutions. When the Spring framework debuted, few would have agreed that Java EE represented the best-in-breed architectures of the day. Spring debuted to great fanfare, because it sought to simplify Java EE. Each release since marks the introduction of new features designed to both simplify and enable solutions. With version 2.0 and later, the Spring framework started targeting multiple platforms. The framework provided services on top of existing platforms, as always, but was decoupled from the underlying platform wherever possible. Java EE is still a major reference point, but it's not the only target. OSGi (a promising technology for modular architectures) has been a big part of the SpringSource strategy here. Additionally, the Spring framework runs on Google App Engine. With the introduction of annotation-centric frameworks and XML schemas, SpringSource has built frameworks that effectively model the domain of a specific problem, in effect creating domain-specific languages (DSLs). Frameworks built on top of the Spring framework have emerged supporting application integration, batch processing, Flex and Flash integration, GWT, OSGi, and much more.

Includes more than 30 percent revised material and five new chapters, covering the new 2.1 features such as EJB Timer Service and JMS as well as the latest open source Java solutions The book was developed as part of TheServerSide.com online EJB community, ensuring a built-in audience Demonstrates how to build an EJB system, program with EJB, adopt best practices, and harness advanced EJB concepts and techniques, including transactions, persistence, clustering, integration, and performance optimization Offers practical guidance on when not to use EJB and how to use simpler, less costly open source technologies in place of or in conjunction with EJB

CodeNotes provides the most succinct, accurate, and speedy way for a developer to ramp up on a new technology or language. Unlike other programming books, CodeNotes drills down to the core aspects of a technology, focusing on the key elements needed in order to understand it quickly and implement it immediately. It is a unique resource for developers, filling the gap between comprehensive manuals and pocket reference. CodeNotes for J2EE: EJB, JDBC, JSP, and Servlets introduces Java developers to the key database and web development technologies of the Java 2 Platform, Enterprise Edition. The JDBC API, JavaServer Pages, and Servlet frameworks are covered individually with examples that show how these technologies work together to create robust, dynamic web-based applications. The book also explains how to use Enterprise JavaBeans to create large, distributed, scalable applications. This edition of CodeNotes includes: -A global overview of a technology and explanation of what problems it can be used to solve -Real-world examples -"How and Why," "Design Notes," and "Bugs and Caveats" sections that provide hints, tricks, workarounds, and tips on what should be taken advantage of or avoided -Instructions and classroom-style tutorials throughout from expert trainers and software developers Visit www.codenotes.com for updates, source code templates, access to message boards, and discussion of specific problems with CodeNotes authors and other developers. Every CodeNotes title is written and reviewed by a team of commercial software developers and technology experts. See

"About the Authors" at the beginning of the book for more information.

Discover how to build applications that run on both the Microsoft .NET Framework and Java 2 Enterprise Edition (J2EE)—and extend your customer reach and system shelf life. Whether your background is in .NET or J2EE, you'll learn to implement many of the interoperability technologies available today, including Microsoft, Sun, and third-party compatibility tools. Interoperability expert Simon Guest takes a balanced look at the pros and cons of each cross-platform technology presented, including best practices, workarounds, and examples of interoperability solutions in action. You also get interoperability software on CD—plus a wealth of code you can use in your own solutions. Discover how to: Use .NET Remoting to enable interplatform connectivity Write interoperable Web service solutions that show interoperability in a production environment, handle exceptions, and use UDDI Employ Microsoft SQL Server 2000 to create a shared database between .NET and J2EE Enable cross-platform asynchronous calling with Microsoft Message Queuing (MSMQ) and WebSphere MQ from IBM Implement a bridge between .NET and J2EE queues using Microsoft Host Information Server and Microsoft BizTalk Server Deliver a consistent user interface across platforms through shared session state and shared authentication Build complex interoperability solutions using Web services specifications for security, binary data exchange, and routing Get code samples and software on CD CD features: The Mind Electric (TME) GLUE Web Services Ja.NET bridging software from Intrinsic Sample interoperability code from Microsoft A Note Regarding the CD or DVD The print version of this book ships with a CD or DVD. For those customers purchasing one of the digital formats in which this book is available, we are pleased to offer the CD/DVD content as a free download via O'Reilly Media's Digital Distribution services. To download this content, please visit O'Reilly's web site, search for the title of this book to find its catalog page, and click on the link below the cover image (Examples, Companion Content, or Practice Files). Note that while we provide as much of the media content as we are able via free download, we are sometimes limited by licensing restrictions. Please direct any questions or concerns to booktech@oreilly.com.

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.

Spring in Action introduces you to the ideas behind Spring and then quickly launches into a hands-on exploration of the framework. Combining short code snippets and an ongoing example developed throughout the book, it shows you how to build simple and efficient J2EE applications. You will see how to solve persistence problems using the leading open-source tools, and also how to integrate your application with the most popular web frameworks. You will learn how to use Spring to manage the bulk of your infrastructure code so you can focus on what really matters your critical business needs. Spring in Action has been completely updated to cover the exciting new features of Spring 2.0. The book begins by introducing you to the core concepts of Spring and then quickly launches into a hands-on exploration of the framework. Part 1 - Spring Essentials Part 2 - Spring in the Business Layer Part 3 - Spring in the Web Layer

Build robust, scalable, end-to-end business solutions with J2EE(TM) Web Services. This is the definitive practitioner's guide to building enterprise-class J2EE Web Services that integrate with any B2B application and interoperate with any legacy system. Sun senior architect Ray Lai introduces 25 vendor-independent architectural patterns and best practices for designing Web Services that deliver outstanding performance, scalability, and reliability. Lai takes you to the frontiers of emerging Web Services technologies, showing how to make the most of today's leading-edge tools, from Java Web Services Developer Pack to Apache Axis. Coverage includes: Web Services: making the business case, and overcoming the technical and business challenges Real-life examples and scenarios, and a start-to-finish application case study Expert guidance on reducing risk and avoiding implementation pitfalls Building complete business solutions with rich messaging and workflow collaboration Mainframe interoperability and B2B integration within and beyond the enterprise Framework and methodology to develop your Web Services patterns and best practices Up-to-the-minute coverage of Web Services security New applications: service consolidation, wireless, and more An extensive library of links to Web resources, reference material, and vendors Whether you're an architect, designer, project leader, or developer, these are the best practices, patterns, and techniques you need to succeed with Web services in your enterprise environment. Enterprises seeking to leverage Web Services to revolutionize the ways they deliver services to customers, partners, and employees will find the answers they need in this book. "Ray Lai's J2EETM Platform Web Services is a comprehensive look at J2EE platform architecture and should be a must read for any serious Web Services developer." --Larry Tabb, Senior Strategic Advisor, Tower Group "This is a book for true practitioners. It's for those interested in designing and implementing Web Services now-and preparing for new opportunities on the horizon." --Jonathan Schwartz, Executive Vice President, Sun Microsystems

400+ Java/J2EE Interview questions with clear and concise answers for: job seekers (junior/senior developers, architects, team/technical leads), promotion seekers, pro-active learners and interviewers. Lulu top 100 best seller. Increase your earning potential by learning, applying and succeeding. Learn the fundamentals relating to Java/J2EE in an easy to understand questions and answers approach. Covers 400+ popular interview Q&A with lots of diagrams, examples, code snippets, cross referencing and comparisons. This is not only an interview guide but also a quick reference guide, a refresher material and a roadmap covering a wide range of Java/J2EE related topics. More Java J2EE interview questions and answers & resume resources at <http://www.lulu.com/java-succes>

CD-ROM contains: Source code -- Tools for developing and deploying Web services.

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.

* This will be the first book to show how to implement a test-driven development process in detail as it applies to real world J2EE applications. * Combines the tools and methodologies of test-driven development with real world use cases, unlikely most titles which cover one or the other. * Looks at the complete process including test coverage strategies, test organization, incorporating TDD into new and existing projects as well as how to automate it all. * This book is not version specific.

What is this book about? Expert One-on-One J2EE Development without EJB shows Javadevelopers and architects how to build robust J2EE applications without having to use Enterprise JavaBeans (EJB). This practical, code-intensive guide provides best practices for using simpler and more effective methods and tools, including JavaServer pages, servlets, and lightweight frameworks. What does this book cover? The book begins by examining the limits of EJB technology— what it does well and not so well. Then the authors guide you through alternatives to EJB that you can use to create higher quality applications faster and at lower cost — both agile methods as well as new classes of tools that have evolved over the past few years. They then dive into the details, showing solutions based on the lightweight framework they pioneered on SourceForge — one of the most innovative open source communities. They demonstrate how to leverage practical techniques and tools, including the popular open source Spring Framework and Hibernate. This book also guides you through productive solutions to core problems, such as transaction management, persistence, remoting, and Web tier design. You will examine how these alternatives affect testing, performance, and scalability, and discover how lightweight architectures can slash time and effort on many projects. What will you learn from this book? Here are some details on what you'll find in this book: How to find the simplest and most maintainable architecture for your application Effective transaction management without EJB How to solve common problems in enterprise

software development using AOP and Inversion of Control Web tier design and the place of the Web tier in a well-designed J2EE application Effective data access techniques for J2EE applications with JDBC, Hibernate, and JDO How to leverage open source products to improve productivity and reduce custom coding How to design for optimal performance and scalability

Consisting of a number of well-known open source products, JBoss is more a family of interrelated services than a single monolithic application. But, as with any tool that's as feature-rich as JBoss, there are a number of pitfalls and complexities, too. Most developers struggle with the same issues when deploying J2EE applications on JBoss: they have trouble getting the many J2EE and JBoss deployment descriptors to work together; they have difficulty finding out how to get started; their projects don't have a packaging and deployment strategy that grows with the application; or, they find the Class Loaders confusing and don't know how to use them, which can cause problems. JBoss at Work: A Practical Guide helps developers overcome these challenges. As you work through the book, you'll build a project using extensive code examples. You'll delve into all the major facets of J2EE application deployment on JBoss, including JSPs, Servlets, EJBs, JMS, JNDI, web services, JavaMail, JDBC, and Hibernate. With the help of this book, you'll: Implement a full J2EE application and deploy it on JBoss Discover how to use the latest features of JBoss 4 and J2EE 1.4, including J2EE-compliant web services Master J2EE application deployment on JBoss with EARs, WARs, and EJB JARs Understand the core J2EE deployment descriptors and how they integrate with JBoss-specific descriptors Base your security strategy on JAAS Written for Java developers who want to use JBoss on their projects, the book covers the gamut of deploying J2EE technologies on JBoss, providing a brief survey of each subject aimed at the working professional with limited time. If you're one of the legions of developers who have decided to give JBoss a try, then JBoss at Work: A Practical Guide is your next logical purchase. It'll show you in plain language how to use the fastest growing open source tool in the industry today. If you've worked with JBoss before, this book will get you up to speed on JBoss 4, JBoss WS (web services), and Hibernate 3.

* A proven best-seller by the most recognized Oracle expert in the world. * The best Oracle book ever written. It defines what Oracle really is, and why it is so powerful. * Inspired by the thousands of questions Tom has answered on his <http://asktom.oracle.com> site. It tackles the problems that developers and DBAs struggle with every day. * Provides everything you need to know to program correctly with the database and exploit its feature-set effectively.

Software developers need to worry about security as never before. They need clear guidance on safe coding practices, and that's exactly what this book delivers. The book does not delve deep into theory, or rant about the politics of security. Instead, it clearly and simply lays out the most common threats that programmers need to defend against. It then shows programmers how to make their defense. The book takes a broad focus, ranging over SQL injection, worms and buffer overflows, password security, and more. It sets programmers on the path towards successfully defending against the entire gamut of security threats that they might face.

What is this book about? The results of using J2EE in practice are often disappointing: applications are often slow, unduly complex, and take too long to develop. Rod Johnson believes that the problem lies not in J2EE itself, but in that it is often used badly. Many J2EE publications advocate approaches that, while fine in theory, often fail in reality, or deliver no real business value. Expert One-on-One: J2EE Design and Development aims to demystify J2EE development. Using a practical focus, it shows how to use J2EE technologies to reduce, rather than increase, complexity. Rod draws on his experience of designing successful high-volume J2EE applications and salvaging failing projects, as well as intimate knowledge of the J2EE specifications, to offer a real-world, how-to guide on how you too can make J2EE work in practice. It will help you to solve common problems with J2EE and avoid the expensive mistakes often made in J2EE projects. It will guide you through the complexity of the J2EE services and APIs to enable you to build the simplest possible solution, on time and on budget. Rod takes a practical, pragmatic approach, questioning J2EE orthodoxy where it has failed to deliver results in practice and instead suggesting effective, proven approaches. What does this book cover? In this book, you will learn When to use a distributed architecture When and how to use EJB How to develop an efficient data access strategy How to design a clean and maintainable web interface How to design J2EE applications for performance Who is this book for? This book would be of value to most enterprise developers. Although some of the discussion (for example, on performance and scalability) would be most relevant to architects and lead developers, the practical focus would make it useful to anyone with some familiarity with J2EE. Because of the complete design-deployment coverage, a less advanced developer could work through the book along with a more introductory text, and successfully build and understand the sample application. This comprehensive coverage would also be useful to developers in smaller organisations, who might be called upon to fill several normally distinct roles. What is special about this book?

Wondering what differentiates this book from others like it in the market? Take a look: It does not just discuss technology, but stress its practical application. The book is driven from the need to solve common tasks, rather than by the elements of J2EE. It discusses risks in J2EE development It takes the reader through the entire design, development and build process of a non-trivial application. This wouldn't be compressed into one or two chapters, like the Java Pet Store, but would be a realistic example comparable to the complexity of applications readers would need to build. At each point in the design, alternative choices would be discussed. This would be important both where there's a real problem with the obvious alternative, and where the obvious alternatives are perhaps equally valid. It emphasizes the use of OO design and design patterns in J2EE, without becoming a theoretical book

Learn how to apply robust application design to your J2EE projects There are a number of best practices you need to consider to build highly effective J2EE components and integrate them into applications. These practices include evaluating and selecting the right set of software components and services to handle the job. In this book, Darren Broemmer supplies you with a set of best practices for J2EE development and then teaches you how to use them to construct an application architecture referred to as the reference architecture. The design and implementation of the reference architecture is based on a set of guiding principles that are used to optimize and automate J2EE development. In addition to the author's thorough discussions of the latest technologies for J2EE implementation-including EJB 2, Jakarta Struts, Servlets, Java Server Pages, UML, design patterns, Common Business Logic Foundation components, and XML-Broemmer addresses such topics as: Understanding J2EE application architecture Building business applications with J2EE, a business object architecture, and extensible components created with design patterns Designing and implementing a sample banking Web application Integrating proven performance-engineering and optimization practices in the development process Using metadata-driven, configurable foundation components to automate much of the development and processing of Web-based business applications The companion Web site contains the source code for a Common Business Logic Foundation and sample applications from the book, including a Jakarta Struts project and a banking application. Links to the Jakarta Struts frameworks and J2EE application servers such as BEA WebLogic and IBM WebSphere are also provided.

The practice of enterprise application development has benefited from the emergence of many new enabling technologies. Multi-tiered object-oriented platforms, such as Java and .NET, have become commonplace. These new tools and technologies are capable of building powerful applications, but they are not easily implemented. Common failures in enterprise applications often occur because their developers do not understand the architectural lessons that experienced object developers have learned. Patterns of Enterprise Application Architecture is written in direct response to the stiff challenges that face enterprise application developers. The author, noted object-oriented designer Martin Fowler, noticed that despite changes in technology--from Smalltalk to CORBA to Java to .NET--the same basic design ideas can be adapted and applied to solve common problems. With the help of an expert group of contributors, Martin distills over forty recurring solutions into patterns. The result is an indispensable

handbook of solutions that are applicable to any enterprise application platform. This book is actually two books in one. The first section is a short tutorial on developing enterprise applications, which you can read from start to finish to understand the scope of the book's lessons. The next section, the bulk of the book, is a detailed reference to the patterns themselves. Each pattern provides usage and implementation information, as well as detailed code examples in Java or C#. The entire book is also richly illustrated with UML diagrams to further explain the concepts. Armed with this book, you will have the knowledge necessary to make important architectural decisions about building an enterprise application and the proven patterns for use when building them. The topics covered include

- Dividing an enterprise application into layers
- The major approaches to organizing business logic
- An in-depth treatment of mapping between objects and relational databases
- Using Model-View-Controller to organize a Web presentation
- Handling concurrency for data that spans multiple transactions
- Designing distributed object interfaces

The age for using a simple text editor is long gone. The ever-growing complexity of Java and J2EE creates a need for Java development tools that offer more. If you want to be more productive with Java, you need a Java IDE. Oracle JDeveloper 10g is an IDE that enables you to develop Java applications with minimal effort. JDeveloper can do wonders for your Swing, JSP, Servlets, Struts, EJBs, and Web Services developments. In this indispensable guide, renowned author Harshad Oak puts the technology first, enhancing the text with sample applications that demonstrate how JDeveloper can simplify your developments using the technology. Oak also focuses on the Application Development Framework (ADF) that comes with JDeveloper 10g—a framework that will get your applications up and running fast. The book also delves into JDeveloper's many code optimization tools, demonstrating how to use them to find improper or resource-hungry code that requires your immediate attention. Oak continues on to discuss JDeveloper extensions that add even more value to JDeveloper.

Enterprise Manager 12c (EM12c), Oracle's newest and fully-integrated enterprise management product, now provides a complete cloud lifecycle management solution and enterprise environment management interface. Expert Oracle Enterprise Manager 12c opens up the secrets of this incredible management tool, saving you time while enhancing your visibility as someone management can rely upon to deliver reliable database service in today's increasingly chaotic and change-driven IT environment. Expert Oracle Enterprise Manager 12c covers all the topics you demand and need to function effectively, from basic monitoring and configuration to advanced metric extensions and plugins. Real-life scenarios and demonstrations place you in the comfort zone of using the EM12c console, and the experienced author team provides deep understanding of the inner workings of this new Enterprise Manager. Database administrators and system administrators are expected to offer increasing levels of service for 24X7 systems and newer cloud environments. Em12c offers robust, end-to-end intelligent management of the complete environment. It includes direct, real-time integration with Oracle's online knowledgebase. Expert Oracle Enterprise Manager 12c helps you master this important tool and manage any challenge that comes your way. Provides example solutions to everyday problems through EM12c features. Explains the changes in EM12c, included trusted extensions. Focuses on advanced aspects of the EM12c interface.

Web applications have extended the reach of enterprises to customers, offering anywhere and anytime access, but at the expense of the overall user experience, which is diminished by delivery through the Web browser. Rich Internet applications address this problem by coupling the ubiquity, small footprint, and interactive capabilities of the Flash Player with server-side technologies such as J2EE and .NET, to deliver highly effective and intuitive applications. What has been missing so far, though, is a way for developers of traditional enterprise software to deliver these rich Internet applications using familiar technologies that fit within their existing development workflow. Enter Macromedia Flex: a presentation server solution that provides an XML-based language MXML, for integrating rich-client interfaces with new and existing infrastructures. If you've ever developed dynamic enterprise Web applications with technologies such as JSP or ASP, you can transfer those skills immediately to developing rich-client solutions with Flex.

???TM?one?J2EE??EJB??????

The surprisingly successful book Real World Java EE Patterns-Rethinking Best Practices [press.adam-bien.com] discusses the rethinking of legacy J2EE patterns. Now, Real World Java EE Night Hacks walks you through the Java EE 6 best practices and patterns used to create a real world application called "x-ray." X-ray is a high-performance blog statistics application built with nothing but vanilla Java EE 6 leveraging the synergies between the JAX-RS, EJB 3.1, JPA 2, and CDI 1.0 APIs. Foreword by James Gosling, Father of Java

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

* First book on the market that covers building high-performance Java applications on the Oracle database—using the latest versions of both the Oracle database (10g) and the JDBC API (3.0).

* Promotes and explains an "anti black box" approach to Oracle development complete with benchmark code) that will allow developers to write highly efficient, high performance Oracle JDBC applications. * A new book from the prestigious OakTable Press, which Apress will be strongly promoting and supporting throughout 2004.

Explains how to leverage Java's architecture and mechanisms to design enterprise applications and considers code modularity, nonduplication, network efficiency, maintainability, and reusability.

Threads are a fundamental part of the Java platform. As multicore processors become the norm, using concurrency effectively becomes essential for building high-performance applications. Java SE 5 and 6 are a huge step forward for the development of concurrent applications, with improvements to the Java Virtual Machine to support high-performance, highly scalable concurrent classes and a rich set of new concurrency building blocks. In Java Concurrency in Practice , the creators of these new facilities explain not only how they work and how to use

them, but also the motivation and design patterns behind them. However, developing, testing, and debugging multithreaded programs can still be very difficult; it is all too easy to create concurrent programs that appear to work, but fail when it matters most: in production, under heavy load. Java Concurrency in Practice arms readers with both the theoretical underpinnings and concrete techniques for building reliable, scalable, maintainable concurrent applications. Rather than simply offering an inventory of concurrency APIs and mechanisms, it provides design rules, patterns, and mental models that make it easier to build concurrent programs that are both correct and performant. This book covers: Basic concepts of concurrency and thread safety Techniques for building and composing thread-safe classes Using the concurrency building blocks in java.util.concurrent Performance optimization dos and don'ts Testing concurrent programs Advanced topics such as atomic variables, nonblocking algorithms, and the Java Memory Model

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