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EJB 3 IN ACTION

Manning Publications *Summary Building on the bestselling first edition, EJB 3 in Action, Second Edition tackles EJB 3.2 head-on, through numerous code samples, real-life scenarios, and illustrations. This book is a fast-paced tutorial for Java EE 6 business component development using EJB 3.2, JPA 2, and CDI. Besides covering the basics of EJB 3.2, this book includes in-depth EJB 3.2 internal implementation details, best practices, design patterns, and performance tuning tips. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book The EJB 3 framework provides a standard way to capture business logic in manageable server-side modules, making it easier to write, maintain, and extend Java EE applications. EJB 3.2 provides more enhancements and intelligent defaults and integrates more fully with other Java technologies, such as CDI, to make development even easier. EJB 3 in Action, Second Edition is a fast-paced tutorial for Java EE business component developers using EJB 3.2, JPA, and CDI. It tackles EJB head-on through numerous code samples, real-life scenarios, and illustrations. Beyond the basics, this book includes internal implementation details, best practices, design patterns, performance tuning tips, and various means of access including Web Services, REST Services, and WebSockets. Readers need to know Java. No prior experience with EJB or Java EE is assumed. What's Inside Fully revised for EJB 3.2 POJO persistence with JPA 2.1 Dependency injection and bean management with CDI 1.1 Interactive application with WebSocket 1.0 About the Authors Debu Panda, Reza Rahman, Ryan Cuprak, and Michael Remijan are seasoned Java architects, developers, authors, and community leaders. Debu and Reza coauthored the first edition of EJB 3 in Action. Table of Contents PART 1 OVERVIEW OF THE EJB LANDSCAPE What's what in EJB 3 A first taste of EJB PART 2 WORKING WITH EJB COMPONENTS Building business logic with session beans Messaging and developing MDBs EJB runtime context, dependency injection,and crosscutting logic Transactions and security Scheduling and timers Exposing EJBs as web services PART 3 USING EJB WITH JPA AND CDI JPA entities Managing entities JPQL Using CDI with EJB 3 PART 4 PUTTING EJB INTO ACTION Packaging EJB 3 applications Using WebSockets with EJB 3 Testing and EJB*

EJB 3 IN ACTION

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LIFT IN ACTION

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also presents several strategies for communicating between the client and the server, including sending raw data, and using XML or JSON (JavaScript Object Notation) for sending more complex collections of data.· AJAX: A New Approach· Understanding JavaScript for AJAX· Asynchronous data transfer with XMLHttpRequest· Implementing AJAX Frameworks· Implementing Yahoo UI Library· Implementing Google Web Toolkit· Creating Maps in AJAX· Creating ASP.NET AJAX Application· Integrating PHP and AJAX· Integrating AJAX with JSF· Integrating AJAX with Struts· Faster data transfer with JSON in AJAX· Understanding AJAX Patterns· Consuming Web Services in AJAX· Securing AJAX Applications· Debugging the AJAX Application

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EJB 3 В ДЕЙСТВИИ

Litres Фреймворк EJB 3 предоставляет стандартный способ оформления прикладной логики в виде управляемых модулей, которые выполняются на стороне сервера, упрощая тем самым создание, сопровождение и расширение приложений Java EE. Версия EJB 3.2 включает больше число расширений и более тесно интегрируется с другими технологиями Java, такими как CDI, делая разработку еще проще. Книга знакомит читателя с EJB на многочисленных примерах кода, сценариях из реальной жизни и иллюстрациях. Помимо основ в ней описываются некоторые особенности внутренней реализации, наиболее эффективные приемы использования, шаблоны проектирования, даются советы по оптимизации производительности и различные способы доступа, включая веб-службы, службы REST и веб-сокеты.Издание предназначено программистам, уже знающим язык Java. Опыт работы с EJB или Java EE не требуется.

HEAD FIRST EJB

PASSING THE SUN CERTIFIED BUSINESS COMPONENT DEVELOPER EXAM

"O'Reilly Media, Inc." A guide to JavaBeans provides more than two hundred questions and answers to help readers pass the Sun Certified Business Component Developer exam.

JBOSS WELD CDI FOR JAVA PLATFORM

Packt Publishing Ltd Writing a Portable Extension; What is a portable extension?; What is the CDI container lifecycle?; BeanManager; Injection into non-container managed instances; Registering a bean; Replacing annotations on a type via an extension; Summary; Book Store - CDI Services; Overview of the application; Adding interceptors for our services; Securing methods with an interceptor; Providing a transaction with an interceptor; Creating CDI services; Summary; Book Store - User Interfaces; REST services; User interface for customers; Administration interface; Summary; Index.

MARY AND SOPHIA

THE FEMININE ELEMENT IN THE SPIRITUAL EVOLUTION OF HUMANITY

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JBOSS AT WORK: A PRACTICAL GUIDE

A PRACTICAL GUIDE

"O'Reilly Media, Inc." 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 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.

ASPECTJ IN ACTION

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Manning Publications Company Explains the concepts of aspect-oriented programming and the basics of the AspectJ language.

A GUIDE TO THE BUSINESS ANALYSIS BODY OF KNOWLEDGER

IIBA "Business analysis involves understanding how organizations function to accomplish their purposes and defining the capabilities an organization requires to provide products and services to external stakeholders. ... [This guide contains] a framework that describes the business analysis tasks that must be performed in order to understand how a solution will deliver value to the sponsoring organization." - page 3.

ADVANCED WEB SERVICES

Springer Science & Business Media Web services and Service-Oriented Computing (SOC) have become thriving areas of academic research, joint university/industry research projects, and novel IT products on the market. SOC is the computing paradigm that uses Web services as building blocks for the engineering of composite, distributed applications out of the reusable application logic encapsulated by Web services. Web services could be considered the best-known and most standardized technology in use today for distributed computing over the Internet. This book is the second installment of a two-book collection covering the state-of-the-art of both theoretical and practical aspects of Web services and SOC research and deployments. Advanced Web Services specifically focuses on advanced topics of Web services and SOC and covers topics including Web services transactions, security and trust, Web service management, real-world case studies, and novel perspectives and future directions. The editors present foundational topics in the first book of the collection, Web Services Foundations (Springer, 2013). Together, both books comprise approximately 1400 pages and are the result of an enormous community effort that involved more than 100 authors, comprising the world's leading experts in this field.

ENTERPRISE JAVABEANS

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FROM THE GANGES TO THE SNAKE RIVER

Caxton Press Distributed by the University of Nebraska Press for Caxton Press In this eclectic collection of personal essays, Debu Majumdar gives a tender and amusing account of a stranger in a strange land.

IMPLEMENTING SOA USING JAVA EE

Pearson Education The Practitioner's Guide to Implementing SOA with Java EE Technologies This book brings together all the practical insight you need to successfully architect enterprise solutions and implement them using SOA and Java EE technologies. Writing for senior IT developers, strategists, and enterprise architects, the authors cover everything from concepts to implementation, requirements to tools. The authors first review the Java EE platform's essential elements in the context of SOA and web services deployment, and demonstrate how Java EE has evolved into the world's best open source solution for enterprise SOA. After discussing standards such as SOAP, WSDL, and UDDI, they walk through implementing each key aspect of SOA with Java EE. Step by step, you'll learn how to integrate service-oriented web and business components of Java EE technologies with the help of process-oriented standards such as BPEL/CDL into a coherent, tiered enterprise architecture that can deliver a full spectrum of business services. Implementing SOA Using Java™ EE concludes with a section-length case study that walks through analyzing a company's requirements, creating an effective SOA architecture, and building a concise proof-of-concept prototype with NetBeans IDE. Coverage includes Using Java EE technologies to simplify SOA implementation Mastering messaging, service

descriptions, registries, orchestration, choreography, and other essential SOA concepts Building an advanced web services infrastructure for implementing SOA Using Java Persistence API to provide for persistence Getting started with Java Business Integration (JBI), the new open specification for delivering SOA Implementing SOA at the web and business tiers Developing, configuring, and deploying SOA systems with NetBeans IDE Constructing SOA systems with NetBeans SOA Pack

HEAD FIRST SERVLETS AND JSP

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BUILDING THE AGILE ENTERPRISE

WITH SOA, BPM AND MBM

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APOLLO HIGHWAY ON MY PLATE

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ORACLE DIGITAL ASSISTANT

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<u>Apress</u> *Use this book as an on-ramp to the development of enterprise-grade chatbots and digital assistants. It is based on real-life experience and explains everything you need to know to start building your own digital assistant (DA) using Oracle technologies. You will become familiar with the concepts involved in DA development from both a user experience and technical point of view. You will learn to create DAs using Oracle technologies, including the Oracle Digital Assistant Cloud. In the first part of the book, you will learn the basic principles of the digital assistant (AKA Chatbot) technology. You will be guided through the steps involved in designing a DA, including how to make sure that the user receives a satisfying experience when using the assistant. In the second part of the book, you will learn how to implement the digital assistant that was designed in the first part. You will begin with a basic implementation, later enhancing that implementation with agents, multi-language support, and webviews. The final part of the book adds a deep dive into custom component development with an example around sentiment analysis and speech. What You Will LearnDesign digital assistants to meet business requirements Implement a great user experience for your digital assistants Translate digital assistant design into real implementations Build multi-language support into your assistants Enhance digital assistants with webviews Create custom components to extend feature sets Who This Book Is For Designers and developers who want to implement digital assistants using Oracle technologies and the cloud platform. This book is ideal for readers new to creating digital assistants, and covers aspects of design, including user experience design, before moving into the technical implementation. Readers experienced in creating digital assistants on other platforms will find the book useful for making the transition to Oracle technologies and the Oracle Digital Assistant Cloud.*

BEGINNING JAVA EE 6 PLATFORM WITH GLASSFISH 3

FROM NOVICE TO PROFESSIONAL

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

READING THE BOOK OF NATURE

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RATIONAL APPLICATION DEVELOPER V7.5 PROGRAMMING GUIDE

<u>IBM Redbooks</u> *IBM® Rational® Application Developer for WebSphere® Software v7.5 (Application Developer, for short) is the full function Eclipse 3.4 based development platform for developing JavaTM Standard Edition Version 6 (Java SE 6) and Java Enterprise Edition Version 5 (Java EE 5) applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which includes integrated development environments - Change and release management - Process and portfolio management - Quality management This IBM RedbooksTM publication is a programming guide that highlights the features and tooling included with Rational Application Developer v7.5. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V7 Programming Guide, SG24-7501.*

MASTERING JAVASERVER FACES 2.2

<u>Packt Publishing Ltd</u> *A homogenous guide integrating the features of JSF 2.x (2.0, 2.1 and 2.2), following a 'learning through examples' paradigm with its main focus on the advanced concepts of JSF. If you are a web developer who uses JSF, this is the book for you. Catering to an intermediate-advanced audience, the book assumes you have fundamental knowledge of JSF. It is intended for the developer who wants to improve their skills with the combined power of JSF 2.0, 2.1, and 2.2.*

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VIOLENCE | PERCEPTION | VIDEO GAMES

NEW DIRECTIONS IN GAME RESEARCH

transcript Verlag *This volume compiles papers from the Young Academics Workshop at the Clash of Realities conferences of 2017 and 2018. The 2017 workshop - Perceiving Video Games - explored the video game medium by focusing on perception and meaning-making processes. The 2018 workshop - Reframing the Violence and Video Games Debate - transcended misleading claims that link video games and violent behavior by offering a range of fresh topical perspectives. From BA students to postdoctoral researchers, the young academics of this anthology stem from a spectrum of backgrounds, including game studies, game design, and phenomenology. This volume also features an entry by renowned psychologist Christopher J. Ferguson.*

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Manning Publications Company *Provides information on using Android to build mobile applications.*

EXPERT ONE-ON-ONE J2EE DEVELOPMENT WITHOUT EJB

John Wiley & Sons *What is this book about? Expert One-on-One J2EE Development without EJB shows Javadevelopers and architects how to build robust J2EE applicationswithout having to use Enterprise JavaBeans (EJB). This practical,code-intensive guide provides best practices for using simpler andmore 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 guideyou through alternatives to EJB that you can use to create higherquality applications faster and at lower cost — both agilemethods as well as new classes of tools that have evolved over thepast few years. They then dive into the details, showing solutions based on thelightweight framework they pioneered on SourceForge — one ofthe most innovative open source communities. They demonstrate howto leverage practical techniques and tools, including the popularopen source Spring Framework and Hibernate. This book also guidesyou through productive solutions to core problems, such astransaction management, persistence, remoting, and Web tier design.You will examine how these alternatives affect testing,performance, and scalability, and discover how lightweightarchitectures 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 foryour application Effective transaction management without EJB How to solve common problems in enterprise software developmentusing AOP and Inversion of Control Web tier design and the place of the Web tier in awell-designed J2EE application Effective data access techniques for J2EE applications withJDBC, Hibernate, and JDO How to leverage open source products to improve productivityand reduce custom coding How to design for optimal performance and scalability*

BUSINESS PROCESS EXECUTION LANGUAGE FOR WEB SERVICES

Packt Pub Limited *An architect's and developer's guide to orchestrating web services using BPEL4WS. This book is a comprehensive guide to the usage and syntax of the Business Process Execution Language for Web Services (BPEL4WS). Two major BPEL4WS servers, the Oracle BPEL Process Manager and Microsoft BizTalk Server 2004 are covered in detail, and an overview of other major BPEL4WS servers is provided. The book contains practical examples on using BPEL4WS. Web services provide the basic technical platform required for application interoperability. They do not, however, provide higher level control, such as which web services need to be invoked, which operations should be called and in what sequence. Nor do they provide ways to describe the semantics of interfaces, the workflows, or e-business processes. BEPL is the missing link to assemble and integrate web services into a real business process. BPEL4WS standardizes process automation between web services. This applies both within the enterprise, where BPEL4WS is used to integrate previously isolated systems, and between enterprises, where BPEL4WS enables easier and more effective integration with business partners. This book provides detailed coverage of BPEL4WS, its syntax, and where and how it is used. The book begins with an overview of web services, showing both the foundation of, and the need for, BPEL. The web services orchestration stack is explained, including standards such as WS-Security, WS-Coordination, WS-Transaction, WS-Addressing, and others. The BPEL language itself is explained in detail, with Code snippets and complete examples illustrating both its syntax and typical construction. Having covered BPEL itself, the book then goes on toshow BPEL is used in context. by providing an overview of major BPEL4WS servers. It covers the Oracle BPEL Process Manager and Microsoft BizTalk Server 2004 in detail, and shows how to write BPEL4WS solutions using these servers. The book features: specification of business processes in BPEL4WS, BPEL4WS and its relation to other standards, comprehensive coverage of the BPEL4WS syntax with examples, orchestrating web services using BPEL4WS, explanation of advanced BPEL4WS features such as compensation, concurrency, links, scopes, events, correlations, etc., the Oracle BPEL4WS Process Manager and BPEL Designer, using Microsoft BizTalk Server 2004 as a BPEL4WS server, the web services orchestration stack The book blends a broad architectural view with the detailed coverage of syntax and practical implementation required for working with BPEL This book covers the BPEL4WS standard and two BPEL4WS servers - the Oracle BPEL4WS Process Manager and Microsoft BizTalk Server 2004. It provides comprehensive coverage of the BPEL4WS syntax and shows how to use BPEL4WS by examples. The book prepares for the coverage of the BPEL4WS standard and servers with a chapter on the web services orchestration stack. This book aimed at technical architects and developers in the technical design phase of advanced e-business solutions dealing with the issues of orchestration, transactions, coordination, and security. The book presumes knowledge of XML and web services (SOAP, WSDL, UDDI), Web services development (either on J2EE or .NET), and Multi-tier architectures.*

HCPCS 2019

American Medical Association Press *Organized for quick and accurate coding, HCPCS Level II 2019 Professional Edition codebook includes the most current Healthcare Common Procedure Coding System (HCPCS) codes and regulations, which are essential references needed for accurate medical billing and maximum permissible reimbursement. This professional edition includes such features as Netter's Anatomy illustrations, dental codes, and Ambulatory Surgical Center (ASC) payment payment and status indicators. Features and Benefits * Full-color Netter's Anatomy illustrations clarify complex anatomic information and how it affects coding. * At-a-glance code listings and distinctive symbols identify all new, revised, reinstated and deleted codes for 2019. * The American Hospital Association Coding Clinic® for HCPCS citations provides sources for information about specific codes and their usage. * Convenient spiral binding provides easy access in practice settings. * Quantity feature highlights units of service allowable per patient, per day, as listed in the Medically Unlikely Edits (MUEs) for enhanced accuracy on claims. * Drug code annotations identify brand-name drugs as well as drugs that appear on the National Drug Class (NDC) directory and other Food and Drug Administration (FDA) approved drugs. * Color-codedTable of Drugs makes it easier to find specific drug information. * Durable medical equipment, prosthetics, orthotics, and supplies (DMEPOS) indicators clearly identify supplies to report to durable medical third-party payers. * Ambulatory Surgery Center (ASC) payment and status indicators show which codes are payable in the Hospital Outpatient Prospective Payment System. * American Dental Association (ADA) Current Dental Terminology code sets offer access to all dental codes in one place. * Jurisdiction symbols show the appropriate contractor to be billed for suppliers submitting claims to Medicare contractors, Part B carriers and Medicare administrative contractors for DMEPOS services. * Special coverage information provides alerts when codes have specific coverage instructions, are not valid or covered by Medicare or may be paid at the carrier's discretion. * Age/Sex edits identify codes for use only with patients of a specific age or sex.*

ENTERPRISE OSGI IN ACTION

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