

# Glassfish Server Open Source Edition

[Java EE 8 Recipes](#)  
[Beginning Java EE 6 with GlassFish 3](#)  
[Beginning EJB 3](#)  
[Java EE 6 Pocket Guide](#)  
[A Quick Reference for Simplified Enterprise Java Development](#)  
[A Look at What's New](#)  
[Professional Java for Web Applications](#)  
[Java Web Services: Up and Running](#)  
[Develop, test, and troubleshoot Java Enterprise applications rapidly with Eclipse, 3rd Edition](#)  
[Client-Server Web Apps with JavaScript and Java](#)  
[From Novice to Professional](#)  
[Introducing Jakarta EE CDI](#)  
[SOA Using Java Web Services](#)  
[The Java EE 7 Tutorial](#)  
[The Definitive Guide to Jython](#)  
[Python for the Java Platform](#)  
[Google Web Toolkit 2 Application Development Cookbook](#)  
[Advanced Topics](#)  
[Enterprise Application Development with Ext JS and Spring](#)  
[Up and Running](#)  
[Introduction to Middleware](#)  
[The Java EE 7 Tutorial](#)  
[The Java EE 7 Tutorial](#)  
[The Java EE 6 Tutorial](#)  
[Beginning Java EE 6 Platform with GlassFish 3](#)  
[Java EE 8 High Performance](#)  
[Developing Web Applications with Oracle ADF Essentials](#)  
[GlassFish Administration](#)  
[Enterprise Edition for Java: From Novice to Professional](#)  
[Using GlassFish](#)  
[The Java EE 6 Tutorial](#)  
[JBoss AS 5 Development](#)  
[Develop Enterprise applications using the latest versions of CDI, JAX-RS, JSON-B, JPA, Security, and more](#)  
[Java EE 8 Development with Eclipse](#)  
[A Problem-Solution Approach](#)  
[A Practical Guide to Install and Configure the GlassFish 4 Application Server and Develop Java EE 7 Applications to be Deployed to this Server](#)  
[A Problem-Solution Approach](#)  
[Tomcat: The Definitive Guide](#)  
[Java EE 8 Application Development](#)

*Glassfish Server Open Source Edition*

*Downloaded from [blog.gmercyu.edu](http://blog.gmercyu.edu) by guest*

## ELLEN CORTEZ

**Java EE 8 Recipes** Packt Publishing Ltd

As a Java programmer, how can you tackle the disruptive client-server approach to web development? With this comprehensive guide, you'll learn how today's client-side technologies and web APIs work with various Java tools. Author Casimir Saternos provides the big picture of client-server development, and then takes you through many practical client-server architectures. You'll work with hands-on projects in several chapters to get a feel for the topics discussed. User habits, technologies, and development methods have drastically altered web app design in recent years. But the Web itself hasn't changed. This book shows you how to build apps that conform to the web's underlying architecture. Learn the advantages of using separate client and server tiers, including code organization and speedy prototyping. Explore the major tools, frameworks, and starter projects used in JavaScript development. Dive into web API design and REST style of software architecture. Understand Java's alternatives to traditional packaging methods and application server deployment. Build projects with lightweight servers, using jQuery with Jython, and Sinatra with Angular. Create client-server web apps with traditional Java web application servers and libraries.

**Beginning Java EE 6 with GlassFish 3** Packt Publishing Ltd

Expert Solutions and State-of-the-Art Code Examples. SOA Using Java™ Web Services is a hands-on guide to implementing Web services and Service Oriented Architecture (SOA) with today's Java EE 5 and Java SE 6 platforms. Author Mark Hansen presents in explicit detail the information that enterprise developers and architects need to succeed, from best-practice design techniques to state-of-the-art code samples. Hansen covers creating, deploying, and invoking Web services that can be composed into loosely coupled SOA applications. He begins by reviewing the "big picture," including the challenges of Java-based SOA development and the limitations of traditional approaches. Next, he systematically introduces the latest Java Web Services (JWS) APIs and walks through creating Web services that integrate into a comprehensive SOA solution. Finally, he shows how application frameworks based on JWS can streamline the entire SOA development process and introduces one such framework: SOA-J. The book introduces practical techniques for managing the complexity of Web services and SOA, including best-practice design examples. Offers hard-won insights into building effective SOA applications with Java Web Services. Illuminates recent major JWS improvements—including two full chapters on JAX-WS 2.0. Thoroughly explains SOA integration using WSDL, SOAP, Java/XML mapping, and JAXB 2.0 data binding. Walks step by step through packaging and deploying Web services components on Java EE 5 with JSR-181 (WS-Metadata 2.0) and JSR-109. Includes specific code solutions for many development issues, from publishing REST endpoints to consuming SOAP services with WSDL. Presents a complete case study using the JWS APIs, together with an Ajax front end, to build a SOA application integrating Amazon, Yahoo Shopping, and eBay. Contains hundreds of code samples—all tested with the GlassFish Java EE 5 reference implementation—that are downloadable from the companion Web site, <http://soabook.com>. Foreword. Preface. Acknowledgments. About the Author. Chapter 1: Service-Oriented Architecture with Java Web Services. Chapter 2: An Overview of Java Web Services. Chapter 3: Basic SOA Using REST. Chapter 4: The Role of WSDL, SOAP, and Java/XML Mapping in SOA. Chapter 5: The JAXB 2.0 Data Binding. Chapter 6: JAX-WS-Client-Side Development. Chapter 7: JAX-WS 2.0-Server-Side Development. Chapter 8: Packaging and Deployment of SOA Components (JSR-181 and JSR-109). Chapter 9: SOA Shopper: Integrating eBay, Amazon, and Yahoo! Shopping. Chapter 10: Ajax and Java Web Services. Chapter 11: WSDL-Centric Java Web Services with SOA-J. Appendix A: Java, XML, and Web Services Standards Used in This Book. Appendix B: Software Configuration Guide. Appendix C: Namespace Prefixes. Glossary. References. Index.

**Beginning EJB 3** Packt Publishing Ltd

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

**Java EE 6 Pocket Guide** Packt Publishing Ltd

Master core REST concepts and create RESTful web services in Java. About This Book Build efficient and secure RESTful web APIs in Java. Design solutions to produce, consume and visualize RESTful web services using WADL, RAML, and Swagger. Familiarize the role of RESTful APIs usage in emerging technology trends like Cloud, IoT, Social Media. Who This Book Is For If you are a web developer with a basic understanding of the REST concepts and envisage to get acquainted with the idea of designing and developing RESTful web services, this is the book for you. As all the code samples for the book are written in Java, proficiency in Java is a must. What You Will Learn Introduce yourself to the RESTful software architectural style and the REST API design principles. Make use of the JSR 353 API, JSR 374 API, JSR 367 API and Jackson API for JSON processing. Build portable RESTful web APIs, making use of the JAX-RS 2.1 API. Simplify API development using the Jersey and RESTEasy extension APIs. Secure your RESTful web services with various authentication and authorization mechanisms. Get to grips with the various metadata solutions to describe, produce, and consume RESTful web services. Understand the design and coding guidelines to build well-performing RESTful APIs. See how the role of RESTful web services changes with emerging technologies and trends. In Detail Representational State Transfer (REST) is a simple yet powerful software architecture style to create lightweight and scalable web services. The RESTful web services use HTTP as the transport protocol and can use any message formats, including XML, JSON (widely used), CSV, and many more, which makes it easily inter-operable across different languages and platforms. This successful book is currently in its 3rd edition and has been used by thousands of developers. It serves as an excellent guide for developing RESTful web services in Java. This book attempts to familiarize the reader with the concepts of REST. It is a pragmatic guide for designing and developing web services using Java APIs for real-life use cases following best practices and for learning to secure REST APIs using OAuth and JWT. Finally, you will learn the role of RESTful web services for future technological

advances, be it cloud, IoT or social media. By the end of this book, you will be able to efficiently build robust, scalable, and secure RESTful web services using Java APIs. Style and approach Step-by-step guide to designing and developing robust RESTful web services. Each topic is explained in a simple and easy-to-understand manner with lots of real-life use-cases and their solutions.

**A Quick Reference for Simplified Enterprise Java Development** "O'Reilly Media, Inc."

The Java EE 6 Tutorial: Advanced Topics, Fourth Edition, is a task-oriented, example-driven guide to developing enterprise applications for the Java Platform, Enterprise Edition 6 (Java EE 6). Written by members of the Java EE 6 documentation team at Oracle, this book provides new and intermediate Java programmers with a deep understanding of the platform. This guide—which builds on the concepts introduced in The Java EE 6 Tutorial: Basic Concepts, Fourth Edition—contains advanced material, including detailed introductions to more complex platform features and instructions for using the latest version of the NetBeans IDE and the GlassFish Server, Open Source Edition. This book introduces the Java Message Service (JMS) API and Java EE Interceptors. It also describes advanced features of JavaServer Faces, Servlets, JAX-RS, Enterprise JavaBeans components, the Java Persistence API, Contexts and Dependency Injection for the Java EE Platform, web and enterprise application security, and Bean Validation. The book culminates with three new case studies that illustrate the use of multiple Java EE 6 APIs.

**A Look at What's New** Addison-Wesley

Over 70 simple but incredibly effective practical recipes to develop web applications using GWT with JPA, MySQL and i Report.

**Professional Java for Web Applications** Packt Publishing Ltd

Build Java-based enterprise applications using the open source Eclipse Jakarta EE platform. This feature-packed book teaches you enterprise Java development top to bottom. It covers Java web-tier development using servlets, JavaServer Faces (JSF), RESTful applications, and JSON. You'll also cover Java data-tier development using persistence and transaction handling, messaging services, remote procedure calls, concurrency, and security to round out a complete Java-based enterprise application. Step by step and easy to follow, Beginning Jakarta EE includes many practical examples. Written by a Java expert and consultant, this book contains the best information possible on enterprise Java technologies. You'll see that Jakarta EE is the next evolution of Java EE 8 and how it is one of the leading Java platforms for enterprise application development. What You Will Learn Build enterprise Java applications using Jakarta EE Set up your development environment Create page-flow web applications with JSF Write single-page web applications with REST and JSON Persist data using JPA in Jakarta EE Build enterprise Java modules using EJBs and CDI Work with transaction engines using JTA Secure, log, and monitor your Jakarta EE applications Who This Book Is For Beginning Java EE application developers with some experience of Java 8.

**Java Web Services: Up and Running** IBM Redbooks

The Java EE 7 Tutorial: Volume 1, 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 platform basics, including resource creation, resource injection, and packaging. It covers JavaServer Faces, Java Servlets, the Java API for WebSocket, the Java API for JSON Processing (JSON-P), internationalization and localization, Bean Validation, Contexts and Dependency Injection for Java EE (CDI), and web services (JAX-WS and JAX-RS).

**Develop, test, and troubleshoot Java Enterprise applications rapidly with Eclipse, 3rd Edition** Packt Publishing Ltd

An easy-to-follow tutorial, that breaks down the enterprise application development journey into easy to understand phases documented by clear examples and concise explanations. If you are an intermediate developer with a good understanding of Java, JavaScript and web development concepts, this book is ideal for you. Basic ExtJS development experience, including an understanding of the framework APIs is needed by those of you who are interested in this book. Regardless of your experience and background, the practical examples provided in this book are written in a way that thoroughly covers each concept before moving on to the next chapter.

**Client-Server Web Apps with JavaScript and Java** Apress

The Java EE 7 Tutorial: Volume 1, 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 platform basics, including resource creation, resource injection, and packaging. It covers JavaServer Faces, Java Servlets, the Java API for WebSocket, the Java API for JSON Processing (JSON-P), internationalization and localization, Bean Validation, Contexts and Dependency Injection for Java EE (CDI), and web services (JAX-WS and JAX-RS).

**From Novice to Professional** "O'Reilly Media, Inc."

Develop Enterprise Java applications compliant with the latest version of the Java EE specification About This Book This book covers all of the major Java EE 8 APIs and includes new additions such as enhanced Security, JSON-B Processing, and more Learn additional Java EE APIs, such as the Java API for WebSocket and the Java Message Service (JMS) Develop applications by taking advantage of the latest versions of CDI, Security, Servlets, and JSF and other Java EE specifications Who This Book Is For If you are a Java developer who wants to become proficient with Java EE 8, this book is ideal for you. You are expected to have some experience with Java and to have developed and deployed applications in the past, but you don't need any previous knowledge of Java EE. What You Will Learn Develop and deploy Java EE applications Embrace the latest additions to the Contexts and Dependency Injection (CDI) specification to develop Java EE applications Develop web-based applications by utilizing the latest version of JavaServer Faces, JSF 2.3. Understand the steps needed to process JSON data with JSON-P and the new JSON-B Java EE API Implement RESTful web services using the new JAX-RS 2.1 API, which also includes support for Server-Sent Events (SSE) and the new reactive client API In Detail Java EE is an Enterprise Java standard. Applications written to comply with the Java EE specification do not tie developers to a specific vendor; instead they can be deployed to any Java EE compliant application server. With this book, you'll get all the tools and techniques you need to build robust and scalable applications in Java EE 8. This book covers all the major Java EE 8 APIs including JSF 2.3, Enterprise JavaBeans (EJB) 3.2, Contexts and Dependency Injection (CDI) 2.0, the Java API for WebSockets, JAX-RS 2.1, Servlet 4.0, and more. The book begins by introducing you to Java EE 8 application development and goes on to cover all the major Java EE 8 APIs. It goes beyond the basics to develop Java EE applications that can be deployed to any Java EE 8 compliant application server. It also introduces advanced topics such as JSON-P and JSON-B, the Java APIs for JSON processing, and the Java API for JSON binding. These topics dive deep, explaining how the two APIs (the Model API and the Streaming API) are used to process JSON data. Moving on, we cover additional Java EE APIs, such as the Java API for WebSocket and the Java Message Service

(JMS), which allows loosely coupled, asynchronous communication. Further on, you'll discover ways to secure Java EE applications by taking advantage of the new Java EE Security API. Finally, you'll learn more about the RESTful web service development using the latest JAX-RS 2.1 specification. You'll also get to know techniques to develop cloud-ready microservices in Java EE. Style and approach The book takes a pragmatic approach, showing you various techniques to utilize new features of Java EE 8 specification. It is packed with clear, step-by-step instructions, practical examples, and straightforward explanations.

**Introducing Jakarta EE CDI** "O'Reilly Media, Inc."

Getting Started with Oracle WebLogic Server 12c is a fast-paced and feature-packed book, designed to get you working with Java EE 6, JDK 7 and Oracle WebLogic Server 12c straight away, so start developing your own applications. Getting Started with Oracle WebLogic Server 12c: Developer's Guide is written for developers who are just getting started, or who have some experience, with Java EE who want to learn how to develop for and use Oracle WebLogic Server. Getting Started with Oracle WebLogic Server 12c: Developer's Guide also provides a great overview of the updated features of the 12c release, and how it integrates Java EE 6 and JDK 7 to remove boilerplate code.

**SOA Using Java Web Services** Addison-Wesley Professional

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.

**The Java EE 7 Tutorial** Apress

Get more control of your applications performances in development and production and know how to meet your Service Level Agreement on critical microservices. Key Features Learn how to write a JavaEE application with performance constraints (Service Level Agreement—SLA) leveraging the platform Learn how to identify bottlenecks and hotspots in your application to fix them Ensure that you are able to continuously control your performance in production and during development Book Description The ease with which we write applications has been increasing, but with this comes the need to address their performance. A balancing act between easily implementing complex applications and keeping their performance optimal is a present-day need. In this book, we explore how to achieve this crucial balance while developing and deploying applications with Java EE 8. The book starts by analyzing various Java EE specifications to identify those potentially affecting performance adversely. Then, we move on to monitoring techniques that enable us to identify performance bottlenecks and optimize performance metrics. Next, we look at techniques that help us achieve high performance: memory optimization, concurrency, multi-threading, scaling, and caching. We also look at fault tolerance solutions and the importance of logging. Lastly, you will learn to benchmark your application and also implement solutions for continuous performance evaluation. By the end of the book, you will have gained insights into various techniques and solutions that will help create high-performance applications in the Java EE 8 environment. What you will learn Identify performance bottlenecks in an application Locate application hotspots using performance tools Understand the work done under the hood by EE containers and its impact on performance Identify common patterns to integrate with Java EE applications Implement transparent caching on your applications Extract more information from your applications using Java EE without modifying existing code Ensure constant performance and eliminate regression Who this book is for If you're a Java developer looking to improve the performance of your code or simply wanting to take your skills up to the next level, then this book is perfect for you.

**The Definitive Guide to Jython** Apress

Discover the Jakarta EE Contexts and Dependency Injection (CDI 2.0) framework which helps you write better code through the use of well-defined enterprise Java-based components and beans (EJBs). If you have ever wanted to write clean Java EE code, this short book is your best guide for doing so: you will pick up valuable tips along the way from your author's years of experience teaching and coding. Introducing Jakarta EE CDI covers CDI 2.0 in detail and equips you with the theoretical underpinnings of Java EE, now Jakarta EE. This book is packed with so much that by the end of it, you will feel confident to use your new-found knowledge to help you write better, readable, maintainable, and long-lived mission-critical software. What You Will Learn Write better code with the Jakarta EE Contexts and Dependency Injection (CDI) framework Work with the powerful, extensible, and well-defined contextual life cycle for components Use CDI's mechanism for decoupling application components through a typesafe event API Build typesafe interceptors for altering the behaviour of components at runtime Harness the well-defined qualifier system for easy isolation of beans Convert almost any valid Java type to a CDI managed bean with CDI's producer mechanism Who This Book Is For Experienced enterprise Java, Java EE, or J2EE developers who may be new to CDI or dependency injection.

**Python for the Java Platform** "O'Reilly Media, Inc."

The Java EE 6 Tutorial Advanced Topics Addison-Wesley

Apress This handy guide provides an overview of Java Enterprise Edition 6's main technologies and includes extensive, easy-to-understand code samples that demonstrate the platform's many improvements. You'll quickly understand how Java EE 6 simplifies the process of developing and deploying web and enterprise applications. Explore what's new in Java EE 6, including Contexts and Dependency Injection and the Java API for RESTful Web Services Discover how Java EE 6 features relate to design patterns in web and enterprise applications Get the specifications for making your application Java EE compliant Learn about revisions to Enterprise JavaBeans, JavaServer Faces, and other components Find out how Java EE 6 profiles change the platform's "one size fits all" approach Get started with Java EE 6 development and deployment, using NetBeans IDE and GlassFish

**Google Web Toolkit 2 Application Development Cookbook** Packt Publishing Ltd

Developing Web Applications with Oracle ADF Essentials covers the basics of Oracle ADF and then works through more complex topics such as debugging and logging features and JAAS Security in JDeveloper as the reader gains more skills. This book will follow a tutorial approach, using a practical example, with the content and tasks getting harder throughout. "Developing Web Applications with Oracle ADF Essentials" is for you if you want to build modern, user-friendly web applications for all kinds of data gathering, analysis, and presentations. You do not need to know any advanced HTML or JavaScript programming. Business logic can be implemented by adding Java code at well-defined hook points, so you do not need to know advanced object-oriented programming-regular Java programming skills are enough.

**Advanced Topics** Packt Publishing Ltd

The comprehensive Wrox guide for creating Java web applications for the enterprise This guide shows Java software developers and software engineers how to build complex web applications in an

enterprise environment. You'll begin with an introduction to the Java Enterprise Edition and the basic web application, then set up a development application server environment, learn about the tools used in the development process, and explore numerous Java technologies and practices. The book covers industry-standard tools and technologies, specific technologies, and underlying programming concepts. Java is an essential programming language used worldwide for both Android app development and enterprise-level corporate solutions. As a step-by-step guide or a general reference, this book provides an all-in-one Java development solution. Explains Java Enterprise Edition 7 and the basic web application, how to set up a development application server environment, which tools are needed during the development process, and how to apply various Java technologies. Covers new language features in Java 8, such as Lambda Expressions, and the new Java 8 Date & Time API introduced as part of JSR 310, replacing the legacy Date and Calendar APIs. Demonstrates the new, fully-duplex WebSocket web connection technology and its support in Java EE 7, allowing the reader to create rich, truly interactive web applications that can push updated data to the client automatically. Instructs the reader in the configuration and use of Log4j 2.0, Spring Framework 4 (including Spring Web MVC), Hibernate Validator, RabbitMQ, Hibernate ORM, Spring Data, Hibernate Search, and Spring Security. Covers application logging, JSR 340 Servlet API 3.1, JSR 245 JavaServer Pages (JSP) 2.3 (including custom tag libraries), JSR 341 Expression Language 3.0, JSR 356 WebSocket API 1.0, JSR 303/349 Bean Validation 1.1, JSR 317/338 Java Persistence API (JPA) 2.1, full-text searching with JPA, RESTful and SOAP web services, Advanced Message Queuing Protocol (AMQP), and OAuth. Professional Java for Web Applications is the complete Wrox guide for software developers who are familiar with Java and who are ready to build high-level enterprise Java web applications.

Related with Glassfish Server Open Source Edition:

- Mauer Der Toten Easter Egg Guide : [click here](#)

[Enterprise Application Development with Ext JS and Spring](#) Pearson Education

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