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The J2EE Architect's HandbookHow to be a Successful Technical Architect for J2EE ApplicationsDvt Press

A Complete Study System for OCM Exams 1Z0-807, 1Z0-865, and 1Z0-866 Prepare for the Oracle Certified Master Java EE 6 Enterprise Architect exams with this exclusive Oracle Press guide. The multiple-choice exam, the assignment, and the essay exam are covered. Chapters feature challenging exercises, a certification summary, a two-minute drill, and a self-test to reinforce the topics presented. This authoritative resource helps you pass these exams and also serves as an essential, on-the-job reference. Get complete coverage of all exam objectives, including: Application design concepts and principles Common architectures Integration and messaging Business-tier technologies Web-tier technologies Design patterns Security Electronic content includes: 120 multiple-choice practice exam questions Test engine that provides practice exams and customized quizzes by chapter

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Build your own enterprise applications and integration flows with JBoss and its products About This Book Build fast, smart, and flexible applications using JBoss Couple one or more JBoss products to effectively solve various business problems Explore the JBoss product ecosystem for improving the performance of your projects Who This Book Is For If you are a Java developer who wants to have a complete view of the JBoss ecosystem or quickly explore a specific JBoss Product, then this is the book you want. Integrators and consultants, familiar with JBoss, who want integrate several JBoss products within their ongoing project will also find this book useful. What You Will Learn Create new applications or integrate existing systems with JBoss products Setup and manage a JBoss domain Setup and manage a JBoss Fuse cluster with Fabric and Apache Karaf Create and deploy OSGi applications on JBoss Fuse containersv Manage enterprise data with JBoss Datagrid Aggregate various data sources with JBoss Data virtualization to offer data as a service Optimize your business and workflows with both JBoss Business RulesManagement System and JBoss Business Process Management platforms. In Detail Have you often wondered what is the best JBoss product to solve a specific problem? Do you want to get started with a specific JBoss product and know how to integrate different JBoss products in your IT Systems? Then this is the book for you. Through hands-on

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examples from the business world, this guide presents details on the major products and how you can build your own Enterprise services around the JBoss ecosystem. Starting with an introduction to the JBoss ecosystem, you will gradually move on to developing and deploying clustered application on JBoss Application Server, and setting up high availability using undertow or HA proxy loadbalancers. As you are moving to a micro service architecture, you will be taught how to package existing Java EE applications as micro service using Swarm or create your new micro services from scratch by coupling most popular Java EE frameworks like JPA, CDI with Undertow handlers. Next, you will install and configure JBoss Data grid in development and production environments, develop cache based applications and aggregate various data source in JBoss data virtualization. You will learn to build, deploy, and monitor integration scenarios using JBoss Fuse and run both producers/consumers applications relying on JBoss AMQ. Finally, you will learn to develop and run business workflows and make better decisions in your applications using Drools and Jboss BPM Suite Platform. Style and Approach The book works through the major JBoss products, with examples and instructions to help you understand each product and how they work together.

The practice of enterprise application development has benefited from the

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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

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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

Taking architects through the entire development process, this book provides guidance on how to effectively design service contracts, and covers coding patterns in detail that are needed to make microservice libraries effective with code examples along the way. --

Pro Spring Boot 2

Designing Enterprise Applications with the J2EE Platform

Certification Guide

The Process of Software Architecting

Beginning EJB in Java EE 8

A Guide to Building Information Modeling for Owners, Designers, Engineers, Contractors, and Facility Managers

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While containers, microservices, and distributed systems dominate discussions in the tech world, the majority of applications in use today still run monolithic architectures that follow traditional development processes. This practical book helps developers examine long-established Java-based models and demonstrates how to bring these monolithic applications successfully into the future. Relying on their years of experience modernizing applications, authors Markus Eisele and Natale Vinto walk you through the steps necessary to update your organization's Java applications. You'll discover how to dismantle your monolithic application and move to an up-to-date software stack that works across cloud and on-premises installations. Learn cloud native application basics to understand what parts of your organization's Java-based applications and platforms need to migrate and modernize Understand how enterprise Java specifications can help you transition projects and teams Build a cloud native platform that supports effective development without falling into buzzword traps Find a starting point for your migration projects by identifying candidates and staging them through modernization steps Discover how to complement a traditional enterprise Java application with components on top of containers and Kubernetes 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

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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

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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.

This book is written for application architects and senior developers tasked with designing and leading the development of J2EE java applications. This book will guide the architect through the entire process from analysis through application deployment providing numerous tips, tricks, and "best practices" along the way. Real World Java EE Patterns - Rethinking Best Practices (<http://realworldpatterns.com>) discusses patterns and best practices in a structured way, with code from real world projects. The rewritten and re-edited version of this book covers: an introduction into the core principles and APIs of Java EE 6, principles of transactions, isolation levels, CAP and BASE, remoting, pragmatic modularization and structure of Java EE applications, discussion of superfluous patterns and

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outdated best practices, patterns for domain driven and service oriented components, custom scopes, asynchronous processing and parallelization, real time HTTP events, schedulers, REST optimizations, plugins and monitoring tools, and fully functional JCA 1.6 implementation. Real World Java EE Patterns--Rethinking Best Practices will not only help experienced developers and architects to write concise code, but especially help you to shrink the codebase to unbelievably small sizes: -).

Get the deep insights you need to master efficient architectural design considerations and solve common design problems in your enterprise applications. Key Features The benefits and applicability of using different design patterns in JAVA EE Learn best practices to solve common design and architectural challenges Choose the right patterns to improve the efficiency of your programs Book Description Patterns are essential design tools for Java developers. Java EE Design Patterns and Best Practices helps developers attain better code quality and progress to higher levels of architectural creativity by examining the purpose of each available pattern and demonstrating its implementation with various code examples. This book will take you through a number of patterns and their Java EE-specific implementations. In the beginning, you will learn the foundation for, and importance of, design patterns in Java EE, and then will move on to implement various patterns on the presentation tier, business tier, and integration tier. Further, you will explore the patterns involved in Aspect-Oriented Programming (AOP) and take a closer look at reactive patterns. Moving on, you will be introduced

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to modern architectural patterns involved in composing microservices and cloud-native applications. You will get acquainted with security patterns and operational patterns involved in scaling and monitoring, along with some patterns involved in deployment. By the end of the book, you will be able to efficiently address common problems faced when developing applications and will be comfortable working on scalable and maintainable projects of any size. What you will learn Implement presentation layers, such as the front controller pattern Understand the business tier and implement the business delegate pattern Master the implementation of AOP Get involved with asynchronous EJB methods and REST services Involve key patterns in the adoption of microservices architecture Manage performance and scalability for enterprise-level applications Who this book is for Java developers who are comfortable with programming in Java and now want to learn how to implement design patterns to create robust, reusable and easily maintainable apps.

Sun Certified Enterprise Architect for Java EE Study Guide

BIM Handbook

A Comprehensive Guide Having 300 Questions on All Objectives of the Multiple Choice Exam Along With a Chapter on Assignment and Essay Exam

How to Be a Successful Application Architect for Java Ee Applications

JRuby Cookbook

Java EE 8 Application Development

Java EE 7 Edition

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Build powerful back-end business logic and complex Enterprise JavaBeans (EJB)-based applications using Java EE 8, Eclipse Enterprise for Java (EE4J), Web Tools Project (WTP), and the Microprofile platform. Targeted at Java and Java EE developers, with or without prior EJB experience, this book is packed with practical insights, strategy tips, and code examples. As each chapter unfolds, you'll see how you can apply the new EJB spec to your own applications through specific examples. Beginning EJB in Java EE 8 serves not only as a reference, but also as a how-to guide and repository of practical examples to which you can refer as you build your own applications. It will help you harness the power of EJBs and take your Java EE 8 development to the next level. You'll gain the knowledge and skills you'll need to create the complex enterprise applications that run today's transactions and more. What You'll Learn Build applications with Enterprise JavaBeans (EJBs) in the new Java EE 8 platform Discover when to use EJBs over contexts and dependency injection Use message-driven beans to do

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tasks asynchronously Integrate EJBs with microservices using the new Eclipse Microprofile project Manage complex enterprise transactions and much more Who This Book Is For Java programmers new to enterprise development and for those who may have experience with EJBs but are new to Java EE 8, EE4J, and related Eclipse projects.

Learn to use the Java Persistence API (JPA) and other related APIs as found in the Java EE 8 platform from the perspective of one of the specification creators. A one-of-a-kind resource, this in-depth book provides both theoretical and practical coverage of JPA usage for experienced Java developers. Authors Mike Keith, Merrick Schincariol and Massimo Nardone take a hands-on approach, based on their wealth of experience and expertise, by giving examples to illustrate each concept of the API and showing how it is used in practice. The examples use a common model from an overarching sample application, giving you a context from which to start and helping you to understand the examples within an already familiar domain. After completing Pro JPA

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2 in Java EE 8, you will have a full understanding of JPA and be able to successfully code applications using its annotations and APIs. The book also serves as an excellent reference guide. What You Will Learn Use the JPA in the context of enterprise applications Work with object relational mappings (ORMs), collection mappings and more Build complex enterprise Java applications that persist data long after the process terminates Connect to and persist data with a variety of databases, file formats, and more Use queries, including the Java Persistence Query Language (JPQL) Carry out advanced ORM, queries and XML mappings Package, deploy and test your Java persistence-enabled enterprise applications Who This Book Is For Experienced Java programmers and developers with at least some prior experience with J2EE or Java EE platform APIs. Quickly and productively develop complex Spring applications and microservices out of the box, with minimal concern over things like configurations. This revised book will show you how to fully leverage the Spring Boot 2 technology and how

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to apply it to create enterprise ready applications that just work. It will also cover what's been added to the new Spring Boot 2 release, including Spring Framework 5 features like WebFlux, Security, Actuator and the new way to expose Metrics through Micrometer framework, and more. This book is your authoritative hands-on practical guide for increasing your enterprise Java and cloud application productivity while decreasing development time. It's a no nonsense guide with case studies of increasing complexity throughout the book. The author, a senior solutions architect and Principal Technical instructor with Pivotal, the company behind the Spring Framework, shares his experience, insights and first-hand knowledge about how Spring Boot technology works and best practices. Pro Spring Boot 2 is an essential book for your Spring learning and reference library. What You Will Learn Configure and use Spring Boot Use non-functional requirements with Spring Boot Actuator Carry out web development with Spring Boot Persistence with JDBC, JPA and NoSQL Databases Messaging with JMS, RabbitMQ and WebSockets

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Test and deploy with Spring Boot A quick look at the Spring Cloud projects Microservices and deployment to the Cloud Extend Spring Boot by creating your own Spring Boot Starter and @Enable feature Who This Book Is For Experienced Spring and Java developers seeking increased productivity gains and decreased complexity and development time in their applications and software services.

If you're interested in JRuby, you probably don't need a tutorial on Ruby, Rails, or Java -- you just need to know how to get things done. This Cookbook offers practical solutions for using the Java implementation of the Ruby language, with targeted recipes for deploying Rails web applications on Java servers, integrating JRuby code with Java technologies, developing JRuby desktop applications with Java toolkits, and more. Using numerous reusable code samples, JRuby Cookbook shows you how to: Install and update JRuby on Windows, Mac OS X, and Linux, and IDEs such as NetBeans and Eclipse Package and deploy Rails apps on Java Servlet containers and Java EE application servers,

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including JBoss, Tomcat, and GlassFish Integrate Ruby and Rails applications with popular Java EE technologies such as JMS, JMX, JPA, Spring, and Hibernate Develop desktop and client applications with cross-platform Java UI technologies and toolkits such as Swing, SWT, and Java 2D Maximize the flexibility of your testing and build environment, using both existing Java-based tools such as Ant and Maven and newer Ruby-based tools such as Rake, Raven, and Buildr The JRuby interpreter combines Ruby's simplicity and ease of use with Java's extensive libraries and technologies, a potent blend that opens new possibilities for Ruby, Rails, and Java. This Cookbook helps you take full advantage of JRuby's potential. "The JRuby Cookbook is an excellent book for any polyglot who is trying to bridge the gap between Java and Ruby. It provides solutions to specific problems developers face in both their development and testing environments, along with the applications they're building."-- Bob McWhirter, Research & Prototyping, Red Hat Middleware A Comprehensive Process for Defining Software Architectures

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That Work A good software architecture is the foundation of any successful software system. Effective architecting requires a clear understanding of organizational roles, artifacts, activities performed, and the optimal sequence for performing those activities. With The Process of Software Architecting , Peter Eeles and Peter Cripps provide guidance on these challenges by covering all aspects of architecting a software system, introducing best-practice techniques that apply in every environment, whether based on Java EE, Microsoft .NET, or other technologies. Eeles and Cripps first illuminate concepts related to software architecture, including architecture documentation and reusable assets. Next, they present an accessible, task-focused guided tour through a typical project, focusing on the architect's role, with common issues illuminated and addressed throughout. Finally, they conclude with a set of best practices that can be applied to today's most complex systems. You will come away from this book understanding The role of the architect in a typical software development

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project How to document a software architecture to satisfy the needs of different stakeholders The applicability of reusable assets in the process of architecting The role of the architect with respect to requirements definition The derivation of an architecture based on a set of requirements The relevance of architecting in creating complex systems The Process of Software Architecting will be an indispensable resource for every working and aspiring software architect—and for every project manager and other software professional who needs to understand how architecture influences their work.

Implementing SOA Using Java EE

JBoss: Developer's Guide

Addendum for The Java EE Architect's Handbook

OCM Java EE 6 Enterprise Architect Exam Guide (Exams 1Z0-807, 1Z0-865 & 1Z0-866)

Pattern Enterpr Applica Arch

24-Hour Trainer

Beginning Java EE 7

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Quick and painless Java programming with expert multimedia instruction Java Programming 24-Hour Trainer, 2nd Edition is your complete beginner's guide to the Java programming language, with easy-to-follow lessons and supplemental exercises that help you get up and running quickly. Step-by-step instruction walks you through the basics of object-oriented programming, syntax, interfaces, and more, before building upon your skills to develop games, web apps, networks, and automations. This second edition has been updated to align with Java SE 8 and Java EE 7, and includes new information on GUI basics, lambda expressions, streaming API, WebSockets, and Gradle. Even if you have no programming experience at all, the more than six hours of Java programming screencasts will demonstrate major concepts and procedures in a way that facilitates learning and promotes a better understanding of the development process. This is your quick and painless guide to mastering Java, whether you're starting from scratch or just looking to expand your skill set. Master the building blocks that go into any Java project Make writing code easier with the Eclipse tools Learn to connect Java applications to databases Design and build graphical user interfaces and web applications Learn to develop GUIs with JavaFX If you want to start

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programming quickly, Java Programming 24-Hour Trainer, 2nd Edition is your ideal solution.

Helps readers understand the goals of system architecture, design patterns, identify the appropriate J2EE technologies and APIs, maximize security and scalability, and evaluate existing architectures.

Discover how different software architectural models can help you solve problems, and learn best practices for the software development cycle Key Features Learn concepts related to software architecture and embrace them using the latest features of Spring 5 Discover architectural models and learn when to apply them Gain knowledge of architectural principles and how they can be used to provide accountability and rationale for architectural decisions Book Description Spring 5 and its ecosystem can be used to build robust architectures effectively. Software architecture is the underlying piece that helps us accomplish our business goals whilst supporting the features that a product demands. This book explains in detail how to choose the right architecture and apply best practices during your software development cycle to avoid technical debt and support every business requirement. Choosing the right architecture model to support your business requirements is one of the key decisions you need to take

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when a new product is being created from scratch or is being refactored to support new business demands. This book gives you insights into the most common architectural models and guides you when and where they can be used. During this journey, you'll see cutting-edge technologies surrounding the Spring products, and understand how to use agile techniques such as DevOps and continuous delivery to take your software to production effectively. By the end of this book, you'll not only know the ins and outs of Spring, but also be able to make critical design decisions that surpass your clients' expectations. What you will learn Understand the key principles of software architecture Uncover the most common architectural models available Analyze scenarios where an architecture model should be used Implement agile techniques to take your software to production Secure the products you are working on Master tricks that will help you build high-performant applications Use cutting-edge technologies to build products Who this book is for If you're an experienced Spring developer aspiring to become an architect of enterprise-grade applications, this book is for you. It's also ideal for software architects who want to leverage Spring to create effective application blueprints. Discover BIM: A better way to build better buildings Building Information

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Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting

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approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

Find out how to craft effective, business-oriented Java EE 8 applications that target customer's demands in the age of Cloud platforms and container technology. About This Book Understand the principles of modern Java EE and how to realize effective architectures Gain knowledge of how to design enterprise software in the age of automation, Continuous Delivery and Cloud platforms Learn about the reasoning and motivations behind state-of-the-art enterprise Java technology, that focuses on business Who This Book Is For This book is for experienced Java EE developers who are aspiring to become the architects of enterprise-grade applications, or software architects who would like to leverage Java EE to create effective blueprints of applications. What You Will Learn What enterprise software engineers should focus on Implement applications, packages, and components in a modern way Design and structure application architectures Discover how to realize technical and cross-cutting aspects Get to grips with containers and container orchestration technology Realize zero-dependency, 12-factor, and Cloud-native applications Implement automated, fast, reliable, and maintainable software

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tests Discover distributed system architectures and their requirements In Detail Java EE 8 brings with it a load of features, mainly targeting newer architectures such as microservices, modernized security APIs, and cloud deployments. This book will teach you to design and develop modern, business-oriented applications using Java EE 8. It shows how to structure systems and applications, and how design patterns and Domain Driven Design aspects are realized in the age of Java EE 8. You will learn about the concepts and principles behind Java EE applications, and how to effect communication, persistence, technical and cross-cutting concerns, and asynchronous behavior. This book covers Continuous Delivery, DevOps, infrastructure-as-code, containers, container orchestration technologies, such as Docker and Kubernetes, and why and especially how Java EE fits into this world. It also covers the requirements behind containerized, zero-dependency applications and how modern Java EE application servers support these approaches. You will also learn about automated, fast, and reliable software tests, in different test levels, scopes, and test technologies. This book covers the prerequisites and challenges of distributed systems that lead to microservice, shared-nothing architectures. The challenges and solutions of consistency versus

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scalability will further lead us to event sourcing, event-driven architectures, and the CQRS principle. This book also includes the nuts and bolts of application performance as well as how to realize resilience, logging, monitoring and tracing in a modern enterprise world. Last but not least the demands of securing enterprise systems are covered. By the end, you will understand the ins and outs of Java EE so that you can make critical design decisions that not only live up to, but also surpass your clients' expectations. Style and approach This book focuses on solving business problems and meeting customer demands in the enterprise world. It covers how to create enterprise applications with reasonable technology choices, free of cargo-cult and over-engineering. The aspects shown in this book not only demonstrate how to realize a certain solution, but also explain its motivations and reasoning.

Beginning EJB 3

Fowler

Software Architecture with Spring 5.0

Microservices for Java EE Architects

Develop Enterprise applications using the latest versions of CDI, JAX-RS, JSON-B, JPA, Security, and more

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Java Performance: The Definitive Guide

Java EE 7 Development with WildFly

Learn how to design and develop distributed web services in Java using RESTful architectural principals and the JAX-RS specification in Java EE 6. With this hands-on reference, you'll focus on implementation rather than theory, and discover why the RESTful method is far better than technologies like CORBA and SOAP. It's easy to get started with services based on the REST architecture. RESTful Java with JAX-RS includes a technical guide that explains REST and JAX-RS, how they work, and when to use them. With the RESTEasy workbook that follows, you get step-by-step instructions for installing, configuring, and running several working JAX-RS examples using the JBoss RESTEasy implementation of JAX-RS. Work on the design of a distributed RESTful interface, and develop it in Java as a JAX-RS service Dispatch HTTP requests in JAX-RS, and learn how to extract information from them Deploy your web services within Java Enterprise Edition using the Application class, Default Component Model, EJB Integration, Spring Integration, and JPA Discover several options for securing your web services Learn how to implement RESTful design patterns using JAX-RS

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Write RESTful clients in Java using libraries and frameworks such as `java.net.URL`, Apache HTTP Client, and RESTEasy Proxy

Following her widely acclaimed Autobiography of Red ("A spellbinding achievement" --Susan Sontag), a new collection of poetry and prose that displays Anne Carson's signature mixture of opposites--the classic and the modern, cinema and print, narrative and verse. In *Men in the Off Hours*, Carson reinvents figures as diverse as Oedipus, Emily Dickinson, and Audubon. She views the writings of Sappho, St. Augustine, and Catullus through a modern lens. She sets up startling juxtapositions (Lazarus among video paraphernalia; Virginia Woolf and Thucydides discussing war). And in a final prose poem, she meditates on the recent death of her mother. With its quiet, acute spirituality, its fearless wit and sensuality, and its joyful understanding that "the fact of the matter for humans is imperfection," *Men in the Off Hours* shows us "the most exciting poet writing in English today" (Michael Ondaatje) at her best. From the Hardcover edition.

"A quick reference for simplified Enterprise Java development"--Cover. A Practical Book and eBook Guide for developers and architects using the EJB Standard.

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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

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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 Java Programming

Oracle Certified Master, Java Ee Enterprise Architect Practice Guide EJB 3 Developer Guide

The Java Ee Architect's Handbook

How to be a Successful Technical Architect for J2EE Applications

Designing Hexagonal Architecture with Java

Pro JPA 2 in Java EE 8

"A comprehensive guide having 300 questions on all objectives of the multiple choice exam, along with a chapter on assignment and essay exam -- Cover.

The Third Edition of Michael Doyle's classic Color Drawing remains the ultimate up-to-date resource for professionals and students who need to develop and communicate design ideas with clear, attractive, impressive color drawings. Update with over 100 pages, this Third Edition contains an entirely new section focused on state-of-the-art

digital techniques to greatly enhance the sophistication of presentation drawings, and offers new and innovative ideas for the reproduction and distribution of finished drawings. Color Drawing, Third Edition Features: * A complete body of illustrated instructions demonstrating drawing development from initial concept through final presentation * Finely honed explanations of each technique and process * Faster and easier ways to create design drawings * Over 100 new pages demonstrating methods for combining hand-drawn and computer-generated drawing techniques Step-by-step, easy-to-follow images will lead you through digital techniques to quickly and easily enhance your presentation drawings.

This handbook is a concise guide to architecting, designing and building J2EE applications. This handbook will guide the technical architect through the entire J2EE project including identifying business requirements, performing use-case analysis, object and data modeling, and guiding a development team during construction. Whether you are about to architect your first J2EE application or are looking for ways to keep your projects on-time and on-budget, you will refer to this handbook again and again.

A practical guide for software architects and Java developers to build cloud-native hexagonal applications using Java and Quarkus to create systems that are easier to refactor, scale, and maintain Key Features Learn techniques to decouple business and technology code in an application Apply hexagonal architecture principles to produce

more organized, coherent, and maintainable software. Minimize technical debts and tackle complexities derived from multiple teams dealing with the same code base.

Book Description Hexagonal architecture enhances developers' productivity by decoupling business code from technology code, making the software more change-tolerant, and allowing it to evolve and incorporate new technologies without the need for significant refactoring. By adhering to hexagonal principles, you can structure your software in a way that reduces the effort required to understand and maintain the code. This book starts with an in-depth analysis of hexagonal architecture's building blocks, such as entities, use cases, ports, and adapters. You'll learn how to assemble business code in the Domain hexagon, create features by using ports and use cases in the Application hexagon, and make your software compatible with different technologies by employing adapters in the Framework hexagon. Moving on, you'll get your hands dirty developing a system based on a real-world scenario applying all the hexagonal architecture's building blocks. By creating a hexagonal system, you'll also understand how you can use Java modules to reinforce dependency inversion and ensure the isolation of each hexagon in the architecture. Finally, you'll get to grips with using Quarkus to turn your hexagonal application into a cloud-native system. By the end of this hexagonal architecture book, you'll be able to bring order and sanity to the development of complex and long-lasting applications. What you will learn

Find out how to assemble business rules algorithms

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using the specification design patternCombine domain-driven design techniques with hexagonal principles to create powerful domain modelsEmploy adapters to make the system support different protocols such as REST, gRPC, and WebSocketCreate a module and package structure based on hexagonal principlesUse Java modules to enforce dependency inversion and ensure isolation between software componentsImplement Quarkus DI to manage the life cycle of input and output portsWho this book is for This book is for software architects and Java developers who want to improve code maintainability and enhance productivity with an architecture that allows changes in technology without compromising business logic, which is precisely what hexagonal architecture does. Intermediate knowledge of the Java programming language and familiarity with Jakarta EE will help you to get the most out of this book.

Develop powerful, standards-based, back-end business logic with Beginning EJB 3, Java EE 7 Edition. Led by an author team with 20 years of combined Enterprise JavaBeans experience, you'll learn how to use the new EJB 3.2 APIs. You'll gain the knowledge and skills you'll need to create the complex enterprise applications that run today's transactions and more. Targeted at Java and Java EE developers, with and without prior EJB experience, Beginning EJB 3 is packed with practical insights, strategy tips, and code examples. As each chapter unfolds, you'll not only explore a new area of the spec; you'll also see how you can apply it to your own applications through specific examples.

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Beginning EJB 3 will serve not only as a reference, but it will also function as a how-to guide and repository of practical examples to which you can refer as you build your own applications. It will help you harness the power of EJBs and take your Java EE 7 development to the next level.

Getting the Most Out of Your Code

Real World Java Ee Patterns-Rethinking Best Practices

Professional Java EE Design Patterns

Java EE 8 Design Patterns and Best Practices

RESTful Java with JAX-RS

Modernizing Enterprise Java

Java Enterprise in a Nutshell

Get up to speed on the principal technologies in the Java Platform, Enterprise Edition 7, and learn how the latest version embraces HTML5, focuses on higher productivity, and provides functionality to meet enterprise demands. Written by Arun Gupta, a key member of the Java EE team, this book provides a chapter-by-chapter survey of several Java EE 7 specifications, including WebSockets, Batch Processing, RESTful Web Services, and Java Message Service. You'll also get self-paced instructions for building an end-to-end

application with many of the technologies described in the book, which will help you understand the design patterns vital to Java EE development. Understand the key components of the Java EE platform, with easy-to-understand explanations and extensive code samples Examine all the new components that have been added to Java EE 7 platform, such as WebSockets, JSON, Batch, and Concurrency Learn about RESTful Web Services, SOAP XML-based messaging protocol, and Java Message Service Explore Enterprise JavaBeans, Contexts and Dependency Injection, and the Java Persistence API Discover how different components were updated from Java EE 6 to Java EE 7

Coding and testing are often considered separate areas of expertise. In this comprehensive guide, author and Java expert Scott Oaks takes the approach that anyone who works with Java should be equally adept at understanding how code behaves in the JVM, as well as the tunings likely to help its performance. You'll gain in-depth knowledge of Java application performance, using the Java Virtual Machine (JVM) and the Java platform, including the language and API. Developers and performance engineers alike will learn a variety of features, tools, and processes for improving the

way Java 7 and 8 applications perform. Apply four principles for obtaining the best results from performance testing Use JDK tools to collect data on how a Java application is performing Understand the advantages and disadvantages of using a JIT compiler Tune JVM garbage collectors to affect programs as little as possible Use techniques to manage heap memory and JVM native memory Maximize Java threading and synchronization performance features Tackle performance issues in Java EE and Java SE APIs Improve Java-driven database application performance

If you are a Java developer who wants to learn about Java EE, this is the book for you. It's also ideal for developers who already have experience with the Java EE platform but would like to learn more about the new Java EE 7 features by analyzing fully functional sample applications using the new application server WildFly.

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

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

An In-Depth Guide to Java Persistence APIs

An architect's guide to building maintainable and change-tolerant applications with Java and Quarkus

Color Drawing

Design and architect highly scalable, robust, and high-performance Java applications

Designing lightweight, business-oriented enterprise applications in the age of cloud, containers, and Java EE 8

Design Drawing Skills and Techniques for Architects, Landscape Architects, and Interior Designers

Building Applications with Enterprise JavaBeans

The Architects' Handbook provides a comprehensive range of visual and technical information covering the great majority of building types likely to be encountered by architects, designers, building surveyors and others involved in the construction industry.

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It is organised by building type and concentrates very much on practical examples. Including over 300 case studies, the Handbook is organised by building type and concentrates very much on practical examples. It includes:

- a brief introduction to the key design considerations for each building type
- numerous plans, sections and elevations for the building examples
- references to key technical standards and design guidance
- a comprehensive bibliography for most building types

The book also includes sections on designing for accessibility, drawing practice, and metric and imperial conversion tables. To browse sample pages please see <http://www.blackwellpublishing.com/architectsdata>

Oracle Certified Master, Java Enterprise Architect Java EE 7 Certification Guide is a practical hands on guide for those looking to achieve the Master certification. It deals with the different technological aspects necessary to prop up the understanding of the aspirants and help them achieve a rich conceptual understanding of the latest Java Platform, Enterprise Edition. It enhances their exam readiness by focusing on the most important categories defined by certification program at Oracle. The contents cater to the following categories recommended by Oracle in detail with specific references to the different parts of the exams:

- Architectural fundamentals
- Web tier components
- Business tier components
- Web services
- Messaging and integration
- Security
- Architectural artifacts
- Design and architectural Patterns

The book is replete with examples and references to functional and non-functional aspects of using enterprise Java platform for application development. Detailed information on each of the major aspects of the certification examination is covered , including conceptual explanations, examples, code snippets, comparisons with the alternative technologies, communications, protocols, etc. The book is accompanied by

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additional resources available on the source code site, which cover the most up-to-date information on all aspects of the certification examination, including FAQ, mock tests with answers, and some additional tests for preparation. What you'll learn Core aspects of technologies, specifications, communication protocols, libraries and APIs involved in Java EE technology. Selecting security technology at different layers of architecture.

Understanding GOF and J2EE patterns and applying them given a situation Who this book is for Java EE 7 certification aspirants, senior Java application developers, web application developers, and Java architects. The book also will help Java enthusiasts at various levels to understand technologies at conceptual as well as application level. Students of computer science and information technology at the post-graduate level will also be able to understand and appreciate the technology of Java Enterprise Edition.

Master Java EE design pattern implementation to improve your design skills and your application's architecture Professional Java EE Design Patterns is the perfect companion for anyone who wants to work more effectively with Java EE, and the only resource that covers both the theory and application of design patterns in solving real-world problems.

The authors guide readers through both the fundamental and advanced features of Java EE 7, presenting patterns throughout, and demonstrating how they are used in day-to-day problem solving. As the most popular programming language in community-driven enterprise software, Java EE provides an API and runtime environment that is a superset of Java SE. Written for the junior and experienced Java EE developer seeking to improve design quality and effectiveness, the book covers areas including: Implementation and problem-solving with design patterns Connection between existing Java SE design

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patterns and newJava EE concepts Harnessing the power of Java EE in design patterns Individually-based focus that fully explores each pattern Colorful war-stories showing how patterns were used in thefield to solve real-life problems Unlike most Java EE books that simply offer descriptions orrecipes, this book drives home the implementation of the pattern toreal problems to ensure that the reader learns how the patternsshould be used and to be aware of their pitfalls. For the programmer looking for a comprehensive guide that isactually useful in the everyday workflow, Professional Java EE Design Patterns is the definitive resource on the market.

Definitive, Comprehensive SCEA Exam Prep—Straight from Sun’s Exam Developers! This book delivers complete, focused review for Sun’s new Sun Certified Enterprise Architect (SCEA) for Java EE certification exam—straight from two of the exam’s creators! SCEA lead developer/assessor Mark Cade and SCEA lead developer/assessor Humphrey Sheil offer powerful insights, real-world architectural case studies, and challenging sample questions that systematically prepare you for the actual exam. For every question, the authors show why the right answers are right—and why the other answers are wrong. Cade and Sheil cover every SCEA exam topic, skill, and technique, including:

Understanding system architecture and its goals Decomposing larger systems into components organized by tiers or layers Addressing requirements for scalability, maintainability, reliability, availability, extensibility, performance, and security Building effective web (presentation) tiers, and analyzing tradeoffs associated with using web frameworks Leveraging EJB 3’s enhancements for business tier development Covering new enhancements in the JEE 5 platform Choosing and architecting the best integration and

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messaging components for your system Using the Java security model to enforce confidentiality, integrity, authorization, authentication, and non-repudiation Using the most powerful and useful Java EE architecture patterns Documenting Java EE architectures through visual models and narratives The authors also present detailed guidance for handling every element of the SCEA exam—including your development and defense of a complete real-world architectural solution.

Your one-stop guide to developing Java(r) EE applications with the Eclipse IDE, Maven, and WildFly(r) 8.1 About This Book Develop Java EE 7 applications using the WildFly platform Discover how to use EJB 3.x, JSF 2.x, Ajax, JAX-RS, JAX-WS, and Spring with WildFly 8.1 A practical guide filled with easy-to-understand programming examples to help you gain hands-on experience with Java EE development using WildFly Who This Book Is For This book is for professional WildFly developers. If you are already using JBoss or WildFly but don't use the Eclipse IDE and Maven for development, this book will show you how the Eclipse IDE and Maven facilitate the development of Java EE applications with WildFly 8.1. This book does not provide a beginner-level introduction to Java EE as it is written as an intermediate/advanced course in Java EE development with WildFly 8.1. In Detail This book starts with an introduction to EJB 3 and how to set up the environment, including the configuration of a MySQL database for use with WildFly. We will then develop object-relational mapping with Hibernate 4, build and package the application with Maven, and then deploy it in WildFly 8.1, followed by a demonstration of the use of Facelets in a web application. Moving on from that, we will create an Ajax application in the Eclipse IDE, compile and package it using Maven, and run the web application on WildFly 8.1 with a

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MySQL database. In the final leg of this book, we will discuss support for generating and parsing JSON with WildFly 8.1."

An Authoritative Guide to Building Microservices, Web and Enterprise Applications, and Best Practices

Advanced Java Ee Development with Wildfly

Oracle Certified Master Java Enterprise Architect Java EE 7

Enterprise Developer Handbook

Architecting Modern Java EE Applications

Sun Certified Enterprise Architect for J2EE Technology Study Guide

Java EE 6 Pocket Guide

Accompanied by a CD-ROM containing more than 250 simulated practice questions, a authoritative tutorial provides coverage of the new SCEA exam and encompasses the three components of the enterprise-level design certification from Sun Microsystems--a multiple-choice exam, a programming assignment, and an essay exam--with step-by-step exercises, chapter self-tests, and complete answer explanations. Original. (Intermediate/Advanced)

Java EE 7 Essentials

The J2EE Architect's Handbook

Build enterprise-ready scalable applications with architectural design patterns

The Architects' Handbook

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SCEA Sun Certified Enterprise Architect for Java EE Study Guide (Exam 310-051)