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A step-by-step tutorial on implementing Liferay- based portals to learn performance best practices. The book is good for Liferay portal developers and architects who want to learn performance best practices for implementing Liferay- based solutions. It is assumed that you have a working knowledge of the Liferay portal.

The Definitive Java Programming Guide Fully updated for Java SE 11, Java: The Complete Reference, Eleventh Edition explains how to develop, compile, debug, and run Java programs. Best-selling programming author Herb Schildt covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You'll also find information on key portions of the Java API library, such as I/O, the Collections Framework, the stream library, and the concurrency utilities. Swing, JavaBeans, and servlets are examined and numerous examples demonstrate Java in action. Of course, the very important module system is discussed in detail. This Oracle Press resource also offers an introduction to JShell, Java's interactive programming tool. Best of all, the book is written in the clear, crisp, uncompromising style that has made Schildt the choice of millions worldwide. Coverage includes:

- Data types, variables, arrays, and operators
- Control statements
- Classes, objects, and methods
- Method overloading and overriding
- Inheritance
- Local variable type inference
- Interfaces and packages
- Exception handling
- Multithreaded

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programming•Enumerations, autoboxing, and annotations•The I/O classes•Generics•Lambda expressions•Modules•String handling•The Collections Framework•Networking•Event handling•AWT•Swing •The Concurrent API•The Stream API•Regular expressions•JavaBeans•Servlets•Much, much more Code examples in the book are available for download at www.OraclePressBooks.com.

Distributed and Cloud Computing: From Parallel Processing to the Internet of Things offers complete coverage of modern distributed computing technology including clusters, the grid, service-oriented architecture, massively parallel processors, peer-to-peer networking, and cloud computing. It is the first modern, up-to-date distributed systems textbook; it explains how to create high-performance, scalable, reliable systems, exposing the design principles, architecture, and innovative applications of parallel, distributed, and cloud computing systems. Topics covered by this book include: facilitating management, debugging, migration, and disaster recovery through virtualization; clustered systems for research or ecommerce applications; designing systems as web services; and social networking systems using peer-to-peer computing. The principles of cloud computing are discussed using examples from open-source and commercial applications, along with case studies from the leading distributed computing vendors such as Amazon, Microsoft, and Google. Each chapter includes exercises and further reading, with lecture slides and more available online. This book will be ideal for students taking a distributed systems or distributed computing class, as well as for

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professional system designers and engineers looking for a reference to the latest distributed technologies including cloud, P2P and grid computing. Complete coverage of modern distributed computing technology including clusters, the grid, service-oriented architecture, massively parallel processors, peer-to-peer networking, and cloud computing Includes case studies from the leading distributed computing vendors: Amazon, Microsoft, Google, and more Explains how to use virtualization to facilitate management, debugging, migration, and disaster recovery Designed for undergraduate or graduate students taking a distributed systems course—each chapter includes exercises and further reading, with lecture slides and more available online More than 300,000 developers have benefited from past editions of UML Distilled . This third edition is the best resource for quick, no-nonsense insights into understanding and using UML 2.0 and prior versions of the UML. Some readers will want to quickly get up to speed with the UML 2.0 and learn the essentials of the UML. Others will use this book as a handy, quick reference to the most common parts of the UML. The author delivers on both of these promises in a short, concise, and focused presentation. This book describes all the major UML diagram types, what they're used for, and the basic notation involved in creating and deciphering them. These diagrams include class, sequence, object, package, deployment, use case, state machine, activity, communication, composite structure, component, interaction overview, and timing diagrams. The examples are clear and the explanations cut to the fundamental design

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logic. Includes a quick reference to the most useful parts of the UML notation and a useful summary of diagram types that were added to the UML 2.0. If you are like most developers, you don't have time to keep up with all the new innovations in software engineering. This new edition of Fowler's classic work gets you acquainted with some of the best thinking about efficient object-oriented software design using the UML--in a convenient format that will be essential to anyone who designs software professionally. A guide to JavaBeans provides more than two hundred questions and answers to help readers pass the Sun Certified Business Component Developer exam.

The Best Fully Integrated Study System Available--Written by the Lead Developers of Exam 310-065 With hundreds of practice questions and hands-on exercises, SCJP Sun Certified Programmer for Java 6 Study Guide covers what you need to know--and shows you how to prepare--for this challenging exam. 100% complete coverage of all official objectives for exam 310-065 Exam Objective Highlights in every chapter point out certification objectives to ensure you're focused on passing the exam Exam Watch sections in every chapter highlight key exam topics covered Simulated exam questions match the format, tone, topics, and difficulty of the real exam Covers all SCJP exam topics, including: Declarations and Access Control · Object Orientation · Assignments · Operators · Flow Control, Exceptions, and Assertions · Strings, I/O, Formatting, and Parsing · Generics and Collections · Inner Classes · Threads · Development CD-ROM includes: Complete MasterExam practice testing engine, featuring: Two full practice

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exams; Detailed answers with explanations; Score Report performance assessment tool Electronic book for studying on the go Bonus coverage of the SCJD exam included! Bonus downloadable MasterExam practice test with free online registration.

The Spring Framework is a major open source application development framework that makes Java/J2EE(TM) development easier and more productive. This book shows you not only what Spring can do but why, explaining its functionality and motivation to help you use all parts of the framework to develop successful applications. You will be guided through all the Spring features and see how they form a coherent whole. In turn, this will help you understand the rationale for Spring's approach, when to use Spring, and how to follow best practices. All this is illustrated with a complete sample application. When you finish the book, you will be well equipped to use Spring effectively in everything from simple Web applications to complex enterprise applications. What you will learn from this book

- * The core Inversion of Control container and the concept of Dependency Injection
- * Spring's Aspect Oriented Programming (AOP) framework and why AOP is important in J2EE development
- * How to use Spring's programmatic and declarative transaction management services effectively
- * Ways to access data using Spring's JDBC functionality, iBATIS SQL Maps, Hibernate, and other O/R mapping frameworks
- * Spring services for accessing and implementing EJBs
- * Spring's remoting framework

Who this book is for This book is for Java/J2EE architects and developers who want to gain a deeper knowledge of the

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Spring Framework and use it effectively. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Over 40 recipes for creating cloud-ready Java web applications with Spring MVC About This Book Configure Spring MVC to build logic-less controllers that transparently support the most advanced web techniques Build an amazing social and financial application that applies microservices patterns on deployment, self-testability, interoperability, cloud architectures, and scalability Fast-paced, practical guide to learn how to set up Spring MVC to produce REST resources and templates as required by the latest front-end best practices Who This Book Is For If you are an experienced Java developer, with prior experience in web technologies, and want to step up in your career and stay up-to-date or learn more about Spring Web scalability, this book is for you. What You Will Learn Structure your project with Maven and create self-tested, domain-specific deployable web archives Generate templates for a responsive and powerful frontend with AngularJS and Bootstrap Build a high performance stateless RESTful and hypermedia application to support your multiple customer experiences Authenticate over REST with a BASIC authentication scheme and OAuth2; handle roles

and permissions Document and publish your REST API using Swagger and Swagger UI Scale your Spring web application Communicate through WebSocket and STOMP messages Provide support to your application and efficiently maintain its business features with a relevant test stack In Detail Spring MVC is a lightweight application framework that comes with a great configuration by default. Being part of the Spring Framework, it naturally extended and supported it with an amazing set of recognizable annotations. External libraries can be plugged in and plugged out. It also possesses a request flow. Complete support of REST web services makes the Spring architecture an extremely consistent choice to support your front-end needs and Internet transformations. From the design of your Maven modules, you will achieve an Enterprise-standard for a stateless REST application based on Spring and Spring MVC with this book. This guide is unique in its style as it features a massive overview of practical development techniques brought together from the Spring ecosystem, the new JEE standards, the JavaScript revolution and Internet of Things. You will begin with the very first steps of Spring MVC's product design. Focused on deployment, viability, and maintainability, you will learn the use of Eclipse, Maven, and Git. You will walk through the separation of concerns driven by the microservices principles. Using Bootstrap and AngularJS, you will develop a responsive front-end, capable of interacting autonomously with a REST API. Later in the book, you will setup the Java Persistence API (JPA) within Spring; learn how to configure your Entities to reflect your domain

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needs, and discover Spring Data repositories. You will analyze how Spring MVC responds to complex HTTP requests. You will implement Hypermedia and HATEOAS to guide your customer's stateless conversation with the product and see how a messaging-service based on WebSocket can be configured. Finally you will learn how to set up and organize different levels of automated-tests, including logging and monitoring. Style and approach A comprehensive, recipe-based guide to creating stunning Java apps with Spring MVC as a result of learning and implementing pro-level practices, techniques, and solutions.

The traditional division of labor between the database (which only stores and manages SQL and XML data for fast, easy data search and retrieval) and the application server (which runs application or business logic, and presentation logic) is obsolete. Although the books primary focus is on programming the Oracle Database, the concepts and techniques provided apply to most RDBMS that support Java including Oracle, DB2, Sybase, MySQL, and PostgreSQL. This is the first book to cover new Java, JDBC, SQLJ, JPublisher and Web Services features in Oracle Database 10g Release 2 (the coverage starts with Oracle 9i Release 2). This book is a must-read for database developers audience (DBAs, database applications developers, data architects), Java developers (JDBC, SQLJ, J2EE, and OR Mapping frameworks), and to the emerging Web Services

assemblers. Describes pragmatic solutions, advanced database applications, as well as provision of a wealth of code samples. Addresses programming models which run within the database as well as programming models which run in middle-tier or client-tier against the database. Discusses languages for stored procedures: when to use proprietary languages such as PL/SQL and when to use standard languages such as Java; also running non-Java scripting languages in the database. Describes the Java runtime in the Oracle database 10g (i.e., OracleJVM), its architecture, memory management, security management, threading, Java execution, the Native Compiler (i.e., NCOMP), how to make Java known to SQL and PL/SQL, data types mapping, how to call-out to external Web components, EJB components, ERP frameworks, and external databases. Describes JDBC programming and the new Oracle JDBC 10g features, its advanced connection services (pooling, failover, load-balancing, and the fast database event notification mechanism) for clustered databases (RAC) in Grid environments. Describes SQLJ programming and the latest Oracle SQLJ 10g features , contrasting it with JDBC. Describes the latest Database Web services features, Web services concepts and Services Oriented Architecture (SOA) for DBA, the database as Web services provider and the database as Web services consumer. Abridged coverage of JPublisher 10g, a versatile complement to

JDBC, SQLJ and Database Web Services.

A catalog of solutions to commonly occurring design problems, presenting 23 patterns that allow designers to create flexible and reusable designs for object-oriented software. Describes the circumstances in which each pattern is applicable, and discusses the consequences and trade-offs of using the pattern within a larger design. Patterns are compiled from real systems, and include code for implementation in object-oriented programming languages like C++ and Smalltalk. Includes a bibliography. Annotation copyright by Book News, Inc., Portland, OR

This book provides a thorough grounding in object-oriented analysis and design, providing authoritative and accessible coverage of object-oriented concepts, the software development process, UML and multi-tier technologies. Using only the most common technologies and methodologies, aligned with a single case study which runs throughout the text, the book provides a broad understanding of the processes used in object-oriented software development, the production of computer programs using object-oriented techniques. Beginning with the basic groundwork underpinning object-oriented software projects, before focusing on practical development issues, this book uses a methodology based on the widely used Rational Unified Process (RUP), and test-driven development using JUnit.

The book follows the steps of a typical development project, incorporating requirements capture, design, specification and testing; the running case study shows with remarkable clarity how an abstract problem is taken through to a concrete solution. Regular exercises and online material available on the accompanying website make the book exceptionally useful for self-study. Object-Oriented Analysis and Design is programming language agnostic, ensuring that code is kept to a minimum to avoid detail and deviation into implementation minutiae. Whether you are a student at a university or on a commercial training course, or an experienced software developer moving into object orientation, this book is for you. It provides an easy to understand, practical and motivational description of object-oriented analysis and design.

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming

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topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and

other resources from <http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: <http://www.introprogramming.info> License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling,

enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

The Definitive Java Programming Guide In Java: The Complete Reference, Eighth Edition, bestselling programming author Herb Schildt shows you everything you need to develop, compile, debug, and run Java programs. Updated for Java Platform, Standard Edition 7 (Java SE 7), this comprehensive volume covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You'll also find information on key elements of the Java API library. JavaBeans, servlets, applets, and Swing are examined and real-world examples demonstrate Java in action. In addition, new Java SE 7 features such as try-with-resources, strings in switch, type inference with the diamond operator, NIO.2, and the Fork/Join Framework are discussed in detail. Coverage includes: Data types and operators Control statements Classes and objects Constructors and methods Method overloading and overriding Interfaces and packages Inheritance Exception handling Generics Autoboxing Enumerations Annotations The try-with-resources statement Varargs

Multithreading The I/O classes Networking The Collections Framework Applets and servlets JavaBeans AWT and Swing The Concurrent API Much, much more

Market_Desc: Undergraduate and graduate students on Computing and Internet related degrees; web software developers, web designers and project managers

Special Features: Defines an important new vocational discipline, popular with students" Offers teachers a viable alternative to teaching outmoded software engineering (a market of 100,000+ students)" Covers business aspects, market drivers and site design reflecting interdisciplinary influences on web application development" Complements existing technology-oriented books with an engineering approach

About The Book: This book seeks to motivate students in this new discipline, using concepts, methods, techniques and tools to demonstrate how to design, implement and test web applications. The book also demonstrates the distinctions between software engineering and web engineering: The shorter lead times that Web Engineering has compared to its software counterpart; whilst demonstrating the rapid prototyping and agile methods of development needed to meet these criteria. Web Engineering also features a constant focus on interactivity, with a far greater emphasis on multimedia than its software counterpart. The book highlights the importance of the HCI and interface aspects of Web Engineering, and their importance to the

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visual nature of the medium. Yet the text also also highlights the need to examine and re-use the body of knowledge found within Software Engineering. This book demonstrates how to use that knowledge within the web environment, in order to achieve a highly disciplined and methodical means of producing web based software.

Direct from the Source! The authoritative step-by-step guide to developing enterprise applications for Java EE.

Get comprehensive coverage of J2EE in this all-inclusive resource. Organized by component type, this is the most complete guide on the market and addresses J2EE's massive collection of APIs. Fully up-to-date and containing J2EE best practices -- plus coverage of Java databases, Java interconnectivity, and Web services, this is ideal for every developer working with J2EE.

* First book on the market that covers building high-performance Java applications on the Oracle database—using the latest versions of both the Oracle database (10g) and the JDBC API (3.0). * Promotes and explains an "anti black box" approach to Oracle development complete with benchmark code) that will allow developers to write highly efficient, high performance Oracle JDBC applications. * A new book from the prestigious OakTable Press, which Apress will be strongly promoting and supporting throughout 2004.

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A guide to Java game programming techniques covers such topics as 2D and 3D graphics, sound, artificial intelligence, multi-player games, collision detection, game scripting and customizing keyboard and mouse controls.

A practical guide to adopting portal development best practices in an Enterprise world
About This Book- Discover the new features and updates in Liferay including the concept of CMS, and collaboration applications with relevant examples and screenshots- Set up the navigation structure for the Enterprise intranet- Full of illustrations, diagrams, clear step-by-step instructions, and practical examples to show you the integration between different applications such as LDAP, SSO, and Liferay Social Office
Who This Book Is For
This book is for anyone who is interested in the Liferay Intranet Portal. This book is for both beginners and more experienced portal developers who need to create an enterprise intranet portal for their business. It will be handy for IT professionals who know the basics of how the portal technology works and need to integrate different open source technologies.
What You Will Learn- Be introduced to the all new features of Liferay 6.2- Understand the different controls/actions to make the portal work for an Enterprise- Manage users, organizations, sites, user groups, and roles and also set up portal permissions- Set up a forum and get detailed descriptions of categorization, tagging, and Asset Publisher- Enable Wiki to share knowledge among users and create new dynamic data list and poll portlets- Handle federated search and OpenSearch and deploy search-based

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portlets- Implement web content management with a different approach in the portal- Employ community tools such as invitations, bookmarks, page comments, and page ratings- Manage Liferay's document and media portletIn DetailTo develop an intranet portal for an Enterprise, Liferay is the only open-source portal development platform that has a high scale graph for the developer to extend any component. It provides high end integration with other applications. By using this book, both beginners and more experienced users will be able to create an intranet portal easily. This book will be your pocket reference to Liferay. It will explain to you the new features of Liferay, including Liferay Sync and the Recycle Bin. It will help you to integrate with other key applications such as LDAP, SSO, and Alfresco 4.x and above. You will be introduced to documents, web content, and image management. You will move onto Liferay Sync's new tool to synchronize documents and media files to the local system. You'll discover the Market Place, the newest feature of Liferay. Liferay Social Office and its integrations are also thoroughly explained. This book is packed with practical examples that will help you to develop an intranet portal quickly and easily. Style and approach Clear step-by-step instructions to develop an intranet portal for Enterprise. It describes new features and updates in Liferay with clear explanations, and is complete with images, tips, and tricks. This book relies on simple language and makes extensive use of examples, illustrations, screenshots, and practice questions. Examples throughout the book are based on a real-life business scenario, which strings different concepts together and

takes the reader a step closer to real-life implementations. Simplify, illustrate with examples, and test the reader's understanding - with this approach the book attempts to cater to different learning styles. If you are a beginner or intermediate-level Documentum developer or professional interested in preparing for the E20-120 exam and seeking EMC Proven Professional certifications in content management, then this book is for you. It can also be used as a handy guide and quick reference to the technical fundamentals of Documentum 6.5.

Focusing 100% on the exam objectives, OCA: Oracle Certified Associate Java SE 8 Programmer I Study Guide is designed to make you fully prepared for this challenging exam. Between Java 7 and Java 8, Oracle has made the biggest changes to the language in a long time. In particular, developers will need to learn functional programming for the first time to pass the certification. This comprehensive study guide covers all of the key topic areas Java programmers will need to be familiar with, including: Java basics Operators, conditionals and loops String and StringBuilder, Array and ArrayList Methods and encapsulation Inheriting abstract classes and interfaces Exceptions Class design Object-Oriented design principles and design patterns Generics and collections Functional programming Advanced strings and localization Exceptions and assertions IO and NIO Threads Concurrency JDBC With this complete Study Guide, Java developers will gain the information, understanding, and practice they need to pass the OCAJP 8 exam.

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Database Administration, Second Edition, is the definitive, technology-independent guide to the modern discipline of database administration. Packed with best practices and proven solutions for any database platform or environment, this text fully reflects the field's latest realities and challenges. Drawing on more than thirty years of database experience, Mullins focuses on problems that today's DBAs actually face, and skills and knowledge they simply must have. Mullins presents realistic, thorough, and up-to-date coverage of every DBA task, including creating database environments, data modeling, normalization, design, performance, data integrity, compliance, governance, security, backup/recovery, disaster planning, data and storage management, data movement/distribution, data warehousing, connectivity, metadata, tools, and more. This edition adds new coverage of "Big Data," database appliances, cloud computing, and NoSQL. Mullins includes an entirely new chapter on the DBA's role in regulatory compliance, with substantial new material on data breaches, auditing, encryption, retention, and metadata management. You'll also find an all-new glossary, plus up-to-the-minute DBA rules of thumb.

Looking to study up for the new J2EE 1.5 Sun Certified Web Component Developer (SCWCD) exam? This book will get you way up to speed on the technology you'll know it so well, in fact, that you can pass the brand new J2EE 1.5 exam. If that's what you want to do, that is. Maybe you don't care about the exam, but need to use servlets and JSPs in your next project. You're working on a deadline. You're over the legal limit for

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caffeine. You can't waste your time with a book that makes sense only AFTER you're an expert (or worse, one that puts you to sleep). Learn how to write servlets and JSPs, what makes a web container tick (and what ticks it off), how to use JSP's Expression Language (EL for short), and how to write deployment descriptors for your web applications. Master the c:out tag, and get a handle on exactly what's changed since the older J2EE 1.4 exam. You don't just pass the new J2EE 1.5 SCWCD exam, you'll understand this stuff and put it to work immediately. Head First Servlets and JSP doesn't just give you a bunch of facts to memorize; it drives knowledge straight into your brain. You'll interact with servlets and JSPs in ways that help you learn quickly and deeply. And when you're through with the book, you can take a brand-new mock exam, created specifically to simulate the real test-taking experience.

This book covers all you need to know to model and design software applications from use cases to software architectures in UML and shows how to apply the COMET UML-based modeling and design method to real-world problems. The author describes architectural patterns for various architectures, such as broker, discovery, and transaction patterns for service-oriented architectures, and addresses software quality attributes including maintainability, modifiability, testability, traceability, scalability, reusability, performance, availability, and security. Complete case studies illustrate design issues for different software architectures: a banking system for client/server architecture, an online shopping system for service-oriented architecture, an

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emergency monitoring system for component-based software architecture, and an automated guided vehicle for real-time software architecture. Organized as an introduction followed by several short, self-contained chapters, the book is perfect for senior undergraduate or graduate courses in software engineering and design, and for experienced software engineers wanting a quick reference at each stage of the analysis, design, and development of large-scale software systems.

Sam Alapati's Expert Oracle Database 11g Administration is a comprehensive handbook for Oracle database administrators (DBAs) using the 11g release of the Oracle Database. All key aspects of database administration are covered, including backup and recovery, day-to-day administration and monitoring, performance tuning, and more. This is the one book to have on your desk as a continual reference. Refer to it frequently. It'll help you get the job done.

Comprehensive handbook for Oracle Database administrators. Covers all major aspects of database administration. Tests and explains in detail key DBA commands. Offers primers on Linux/Unix, data modeling, SQL, and PL/SQL.

Export author Barker covers information key for proficiency with an OO programming language like Java, and shows how to really create reusable code and extensible applications.

This book focuses on teaching by example. Every chapter provides an overview, and then dives right into hands-on examples so you can see and play with the solution in your own environment. This book is for Java developers who don't need any prior experience with Liferay portal. Although Liferay portal makes heavy use of open source frameworks, no prior experience of using these is assumed.

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Provides step-by-step instructions on Ajax techniques, covering such topics as writing Ajax code, creating Ajax applications, using XML, and using CSS.

Oracle is placing its enterprise application strategy at the center of its future growth Oracle PeopleSoft will be phasing out its current reports product soon, and all reports will need to be rewritten in XML Publisher

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

Learn the technical fundamentals of the EMC Documentum platform while effectively preparing for the E20-120 exam.

This book is intended for automation testers and developers who want to enhance their skills from web-based automation to mobile application automation using Appium. Basic knowledge of mobile application testing, Selenium WebDriver, and programming is assumed.

Professional Java Development with the Spring Framework John Wiley & Sons

This book is the most complete and up-to-date resource on Java from programming guru, Herb Schildt -- a must-have desk reference for every Java programmer.

This title is a comprehensive resource for Java developers seeking to understand and utilize

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J2ME when building mobile applications and services.

Reusable components and patterns for Ajax-driven applications Ajax is one of the latest and greatest ways to improve users' online experience and create new and innovative web functionality. By allowing specific parts of a web page to be displayed without refreshing the entire page, Ajax significantly enhances the experience of web applications. It also lets web developers create intuitive and innovative interaction processes. Ajax for Web Application Developers provides the in-depth working knowledge of Ajax that web developers need to take their web applications to the next level. The book shows how to create an Ajax-driven web application from an object-oriented perspective, and it includes discussion of several useful Ajax design patterns. This detailed guide covers the creation of connections to a MySQL database with PHP 5 via a custom Ajax engine and shows how to gracefully format the response with CSS, JavaScript, and XHTML while keeping the data tightly secure. It also covers the use of four custom Ajax-enabled components in an application and how to create each of them from scratch. The final section of the book combines the individual code examples and techniques from earlier chapters of the book into one larger, Ajax-driven application—an internal web mail application that can be used in any user-based application, such as a community-based web application. Readers will learn not only how to create and use their own reusable Ajax components in this application but also how to connect their components to any future Ajax applications that they might build. Web Development/Ajax/JavaScript

Grails is a full stack framework which aims to greatly simplify the task of building serious web applications for the JVM. The concepts within Grails, like interceptors, tag libs, and Groovy

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Server Pages (GSP), make those in the Java community feel right at home. Grails' foundation is on solid open source technologies such as Spring, Hibernate, and SiteMesh, which gives it even more potential in the Java space: Spring provides powerful inversion of control and MVC, Hibernate brings a stable, mature object relational mapping technology with the ability to integrate with legacy systems, and SiteMesh handles flexible layout control and page decoration. Grails complements these with additional features that take advantage of the coding-by-convention paradigm such as dynamic tag libraries, Grails object relational mapping, Groovy Server Pages, and scaffolding. Graeme Rocher, Grails lead and founder, and Jeff Brown bring you completely up-to-date with their authoritative and fully comprehensive guide to the Grails 2 framework. You'll get to know all the core features, services, and Grails extensions via plug-ins, and understand the roles that Groovy and Grails are playing in the changing Web.

NOTE: The OCP Java SE 11 Programmer I Exam 1Z0-815 and Programmer II Exam 1Z0-816 have been retired (as of October 1, 2020), and Oracle has released a new Developer Exam 1Z0-819 to replace the previous exams. The Upgrade Exam 1Z0-817 remains the same. Improve your preparation for the OCP Java SE 11 Developer exam with these comprehensive practice tests OCP Oracle Certified Professional Java SE 11 Developer Practice Tests: Exam 1Z0-819 and Upgrade Exam 1Z0-817 offers readers over 1000 practice questions to help them hone their skills for the challenging 1Z0-819 exam as well as the 1Z0-817 upgrade exam. Covering all the objective domains that help readers master the crucial subject areas covered by the exam, OCP Oracle Certified Professional Java SE 11 Developer Practice Tests provides domain-by-domain questions as well as additional bonus practice exams to further

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solidify the reader's mastery of its subjects. This book covers topics like: Understanding Java Technology and Environment Working with Java Operators, Primitives, and Strings Creating Methods and Lambda Expressions Designing Classes, Interfaces, Enums, and Annotations Writing Functional Interfaces and Streams Building Modules and Migrating Applications to Modules Applying I/O, NIO.2, JDBC, Threads, and Concurrency Secure Coding in Java SE Application And much more Perfect for anyone studying for the OCP Java SE 11 Developer and Upgrade exams, as well as all those who wish to brush up on their Java programming skills, OCP Oracle Certified Professional Java SE 11 Developer Practice Tests: Exam 1Z0-819 and Upgrade Exam 1Z0-817 is an indispensable resource that has a place on the bookshelf of every Java enthusiast, professional, and student.

A multi-user game, web site, cloud application, or networked database can have thousands of users all interacting at the same time. You need a powerful, industrial-strength tool to handle the really hard problems inherent in parallel, concurrent environments. You need Erlang. In this second edition of the bestselling Programming Erlang, you'll learn how to write parallel programs that scale effortlessly on multicore systems. Using Erlang, you'll be surprised at how easy it becomes to deal with parallel problems, and how much faster and more efficiently your programs run. That's because Erlang uses sets of parallel processes-not a single sequential process, as found in most programming languages. Joe Armstrong, creator of Erlang, introduces this powerful language in small steps, giving you a complete overview of Erlang and how to use it in common scenarios. You'll start with sequential programming, move to parallel programming and handling errors in parallel programs, and learn to work confidently with distributed programming and the standard Erlang/Open Telecom Platform (OTP) frameworks.

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You need no previous knowledge of functional or parallel programming. The chapters are packed with hands-on, real-world tutorial examples and insider tips and advice, and finish with exercises for both beginning and advanced users. The second edition has been extensively rewritten. New to this edition are seven chapters covering the latest Erlang features: maps, the type system and the Dialyzer, WebSockets, programming idioms, and a new stand-alone execution environment. You'll write programs that dynamically detect and correct errors, and that can be upgraded without stopping the system. There's also coverage of rebar (the de facto Erlang build system), and information on how to share and use Erlang projects on github, illustrated with examples from cowboy and bitcask. Erlang will change your view of the world, and of how you program. What You Need The Erlang/OTP system. Download it from erlang.org.

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