Sun Certified Enterprise Architect For Java Ee Study Guide 2nd Edition

The only classroom-based training and self-assessment system! This study guide provides 100% complete coverage of all objectives for the Sun Certified Architect for J2EE exam. Based on 300,000+ hours of IT training experience, the book contains hundreds of practice exam questions and hands-on exercises. The CD-ROM features full practice exam software with interactive tutorials and lab simulations, plus an adaptive test engine.
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 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.
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 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.

There has never been a programming language Guide like this. programming language 104 Success Secrets is not about the ins and outs of programming language. Instead, it answers the top 104 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need--fast! This comprehensive guide offers a thorough view of key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with programming language. A quick look inside of the subjects covered: How to Become a Sun Certified Enterprise Architect for J2EE, Project Management Time-Cost Trade-Off, UNDERSTANDING .NET SOA, Methodology, Queries, and Categories Involved in an Enterprise Architecture Process, When Would I Need SCJP 5 Books?, Steps in Building a Drupal Forum, Better Information Sharing with Mashup Wiki, New Features of SQL Server 2005 Developer Edition for Improving Security and Web Services, Development of eLearning, The Basics of Python Software Configuration Management, Improving Site Design using Free Drupal Templates, Unified Modeling Language, SQL Server 2005 Developer Edition offers High-end database solutions., SugarCRM: One CRM Software to Consider, XML/XHTML, What can Enterprise Architect 7.0 do?, Open Source Knowledge Management: Enhancing Knowledge Sharing Through Interoperability, Free Books On SCJP: A Convenient Help In Your Exam, Featured CISSP Training Schools-Computer Training Schools: Schools for CISSP, pdf ITIL, Why Use Models?, Distinguishing Web Applications, What is javascript? - Sun Certified Java Associates, The Uses of Drupal Language, Sun Certified Java Programmer (SCJP): What To Expect SCJP Test Questions, Web Services SOA JAVA, SOA Security In Action, How SCJP 1.4 mock exams can help you in passing the test., Drupal System made out of PHP System, The Need to Learn about Ucertify SCJP Exam Virus, Unix Shell Scripting Configuration Management for UNIX Platforms, Should I take SCJP Dumps Practice Test Free or Not?, Standards to Follow in Writing a Drupal Code, DETAILS DEFINE SOA WEB MAIL, Test yourself through SCJP sample questions, OLAT, Write down the characteristics of Javascript. - Sun Certified Java Associates, Important aspects of SOA architecture (for the cloud), What is SCJP 1.5?, Type SCJP 1.5 + Study Material For Ready Reviewers, What is SCJP 5.0, Stored Procedures within the SQL Server, How to Override Default Themes using Drupal Template PHP File?, Java Enterprise Architect: Key Link in Building a Java Enterprise Environment, and much more...

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

Java EE and .NET Interoperability addresses issues encountered during the integration process, such as a diverse technology set, incompatible APIs, and disparate environment maintenance. The experienced authors outline strategies, approaches, and best practices, including messaging, Web services, and integration-related frameworks and patterns. The book also introduces readers to Service Oriented Architecture (SOA), the building block for scalable and reliable enterprise integration solutions. This indispensable book provides the Java EE and .NET developer community with multiple strategies to integrate between Java EE and .NET platforms that save developers time and effort. Applying proven interoperability solutions significantly reduces the application development cycle. Coverage includes · Effective Java EE—.NET integration strategies and best practices · Detailed enterprise coverage, as well as standalone Java EE component integration with .NET · SOA as a building block for Java EE—.NET interoperability · Interoperability security issues and risk mitigation · Managing reliability, availability, and scalability for Web services built on Java EE and .NET · The latest interoperability standards and specifications, including Web SSO MEX and WS-Management · Current interoperability technologies, such as Windows Communication Foundation, WSE 3.0,

JAX-WS, and Enterprise Service Bus

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

Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

Software engineering and computer science students need a resource that explains how to apply design patterns at the enterprise level, allowing them to design and implement systems of high stability and quality. Software Architecture Design Patterns in Java is a detailed explanation of how to apply design patterns and develop software architectures. It provides in-depth examples in Java, and guides students by detailing when, why, and how to use specific patterns. This textbook presents 42 design patterns, including 23 GoF patterns. Categories include: Basic, Creational, Collectional, Structural, Behavioral, and Concurrency, with multiple examples for each. The discussion of each pattern includes an example implemented in Java. The source code for all examples is found on a companion Web site. The author explains the content so that it is easy to understand, and each pattern discussion includes Practice Questions to aid instructors. The textbook concludes with a case study that pulls several patterns together to demonstrate how patterns are not applied in isolation, but collaborate within domains to solve complicated problems.

Property and Casualty - Reference Edition

Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified Data Analytics Study Guide to give you the same experience working in these labs as you prepare for the Certified Data Analytics Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Data Analyst. AWS Certified Data Analytics

Study Guide: Specialty (DAS-C01) Exam is intended for individuals who perform in a data analytics-focused role. This UPDATED exam validates an examinee's comprehensive understanding of using AWS services to design, build, secure, and maintain analytics solutions that provide insight from data. It assesses an examinee's ability to define AWS data analytics services and understand how they integrate with each other; and explain how AWS data analytics services fit in the data lifecycle of collection, storage, processing, and visualization. The book focuses on the following domains: • Collection • Storage and Data Management • Processing • Analysis and Visualization • Data Security This is your opportunity to take the next step in your career by expanding and validating your skills on the AWS cloud. AWS is the frontrunner in cloud computing products and services, and the AWS Certified Data Analytics Study Guide: Specialty exam will get you fully prepared through expert content, and real-world knowledge, key exam essentials, chapter review questions, and much more. Written by an AWS subject-matter expert, this study guide covers exam concepts, and provides key review on exam topics. Readers will also have access to Sybex's superior online interactive learning environment and test bank, including chapter tests, practice exams, a glossary of key terms, and electronic flashcards. And included with this version of the book, XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months of unlimited access to XtremeLabs AWS Certified Data Analytics Labs with 3 unique lab modules based on the book.

Move your career forward with AWS certification! Prepare for the AWS Certified Data Analytics Specialty Exam with this thorough study guide This comprehensive study guide will help assess your technical skills and prepare for the updated AWS Certified Data Analytics exam. Earning this AWS certification will confirm your expertise in designing and implementing AWS services to derive value from data. The AWS Certified Data Analytics Study Guide: Specialty (DAS-C01) Exam is designed for business analysts and IT professionals who perform complex Big Data analyses. This AWS Specialty Exam guide gets you ready for certification testing with expert content, real-world knowledge, key exam concepts, and topic reviews. Gain confidence by studying the subject areas and working through the practice questions. Big data concepts covered in the guide include: Collection Storage Processing Analysis Visualization Data security AWS certifications allow professionals to demonstrate skills related to leading Amazon Web Services technology. The AWS Certified Data Analytics Specialty (DAS-C01) Exam specifically evaluates your ability to design and maintain Big Data, leverage tools to automate data analysis, and implement AWS Big Data services according to architectural best practices. An exam study guide can help you feel more prepared about taking an AWS certification test and advancing your professional career. In addition to the guide's content, you'll have access to an online learning environment and test bank that offers practice exams, a glossary, and electronic flashcards.

The increasing adoption of Business Process Management (BPM) has inspired pioneering software architects and developers to effectively leverage BPM-based software and process-centric architecture (PCA) to create software systems that enable essential business processes. Reflecting this emerging trend and evolving field, Process-Centric Architecture

There's a great deal of wisdom in a crowd, but how do you listen to a thousand people talking at once? Identifying the wants, needs, and knowledge of internet users can be like listening to a mob. In the Web 2.0 era, leveraging the collective power of user contributions, interactions, and feedback is the key to market dominance. A new category of powerful programming techniques lets you discover the patterns, inter-relationships, and individual profiles-the collective intelligence--locked in the data people leave behind as they surf websites, post blogs, and interact with other users. Collective Intelligence in Action is a hands-on guidebook for implementing collective intelligence concepts using Java. It is the first Java-based book to emphasize the underlying algorithms and technical implementation of vital data gathering and mining techniques like analyzing trends, discovering relationships, and making predictions. It provides a pragmatic approach to personalization by combining content-based analysis with collaborative approaches. This book is for Java developers implementing Collective Intelligence in real, high-use applications. Following a running example in which you harvest and use information from blogs, you learn to develop software that you can embed in your own applications. The code examples are immediately reusable and give the Java developer a working collective intelligence toolkit. Along the way, you work with, a number of APIs and open-source toolkits including text analysis and search using Lucene, web-crawling using Nutch, and applying machine learning algorithms using WEKA and the Java Data Mining (JDM) standard. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

The Best Fully Integrated Study System Available With hundreds of practice questions and hands-on exercises, Sun Certified Enterprise Architect for Java EE 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 310-051 Inside the Exam 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 the exam topics, including: Basic Principles of Enterprise Architectures * Object-Oriented Design Using UML * Applicability of JEE Technology * Design Patterns * Legacy Connectivity * EJB and Container Models * Messaging * Internationalization and Localization * Security CD-ROM includes: Complete MasterExam practice testing engine, featuring: One full practice exam: Detailed answers with explanations: Score Report performance assessment tool Electronic book for studying on the go With free online registration: Bonus downloadable MasterExam practice test

The Best Fully Integrated Study System Available With hundreds of practice questions and hands-on exercises, Sun Certified Enterprise Architect for Java EE 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 310-051 Inside the Exam 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 the exam topics, including: Basic Principles of Enterprise Architectures * Object-Oriented Design Using UML * Applicability of JEE Technology * Design Patterns * Legacy Connectivity * EJB and Container Models * Messaging * Internationalization and Localization * Security CD-ROM includes: Complete MasterExam practice testing engine, featuring: One full practice exam: Detailed answers with explanations: Score

Report performance assessment tool Electronic book for studying on the go With free online registration: Bonus downloadable MasterExam practice test.

Imbibing Java Web Services book illustrates the use of Java Web service technologies. This book provides a Step-by-Step approach for developing Web Services to all levels of Java developers. This book covers the Web services technology standards such as XML processing techniques (SAX, DOM and StAX), Dom4j, SOAP, SAAJ, JAX-WS, WSDL, developing soap-based web services using CXF, Spring, Axis2 and developing non- soap-based web services using REST. It contains 60 diagrams, approximately 100 Java programs for a better understanding of the topics and it provides 60 objective type questions to assess your knowledge and help in understanding of the topic. The following topics are covered in this book. Introduction JAXP (SAX, DOM, StAX) Dom4j JAX-RS (Restful Web Services) SOAP SAAJ WSDL JAX-WS Apache-CXF Apache-Axis2 Spring-WS Tools, Ant Scripts and Deployment

The book concentrates on leveraging Java Business Integration (JBI) for addressing real world integration problems with examples. Business level integration in Java needs to address integrating multiple flavors of business components including POJO, EJB, Web Services, JMS, etc. The book will explain all the above scenarios, using open source Apache ServiceMix as the ESB framework. This book is aimed at Java developers and integration architects aiming to become proficient with Java Business Integration (JBI) standard, who are expected to have some experience with Java and to have developed and deployed applications in the past, but need no previous knowledge of JBI. The book can also be useful to anyone, who has been having a hard time understanding ESB and how it differs from other architectures and to understand its position in SOA.

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 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.

Annotation The authoritative solution to passing the 310-080 exam! Alain Trottier is a

well respected authority in the Java community. Training Guidesare the most effective self-study guides in the marketplace, featuring exam tips, study strategies, review exercises, case studies, practice exams, ExamGear testing software, and more Each Training Guideis subjected to rigorous technical review by a team of industry experts, ensuring content is superior in both coverage and technical accuracy. This certification is for Sun Certified Programmers for Java 2 Platform who are using servlet and JavaServer Pages (JSP) APIs to develop Web applications using the Java 2 Platform, Enterprise Edition (J2EE). The certification consists of one exam and requires Sun Certified Programmer for Java 2 Platform status. Readers preparing for this exam find the Training Guide series to be the most successful self-study tool in the market. This book is their one-stop shop because of its teaching methodology, the accompanying ExamGear testing software, and superior Web site support at www.quepublishing.com/certification. Alain Trottieris a Sun Certified Java Programmer and a Microsoft Certified Solution Developer. He is the lead technologist at Strategic Business Resources and an adjunct Professor at Vanguard University. He has been using, reading, and writing computer language documentation for over a decade. He has co-authored or contributed to Sun Certification Training Guide (310-025, 310-027): Java 2 Programmer and Developer Exams(Que, 078972765X, 06/02) and Java 2 Core Language Little Black Book(Coriolis, 158880271X, 03/02).
Sun Microsystems experts Stelting and Maassen describe how design patterns can be applied effectively to the Java platform and present proven techniques for all types of patterns, from system architecture to single classes. Applied Java Patterns features a pattern catalog organized into four major categories - the creational, structural, behavioral, and system patterns. In addition, the authors identify patterns in the core Java APIs and present techniques for pattern use in distributed development.
Explains how to leverage Java's architecture and mechanisms to design enterprise applications and considers code modularity, nonduplication, network efficiency, maintainability, and reusability.
With over a million licensed users for Solaris 8, Sun Microsystems successfully launched the long awaited Solaris 9 O/S in May 2002. Soon after, Sun revamped their popular certification track to include two tiered certifications. With new objectives, the Certified System Administrator, is positioned to be one of the most popular IT certifications. In order to obtain your Certified System Administrator certification, one must pass two exams. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.
Direct from the Source! The authoritative step-by-step guide to developing enterprise applications for Java EE.
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.
bull; Written by expert practitioners who have hands-on experience solving real-world problems for large corporations bull; Helps enterprise architects make sense of data, systems, software, services, product lines, methodologies, and much more bull; Provides explanation of theory and implementation with real-world business examples to support key points
This book will kick-start your productivity and help you to master JBoss AS

development. The author's experience with JBoss enables him to share insights on JBoss AS development in a clear and friendly way. By the end of the book, you will have the confidence to apply all the newest programming techniques to your JBoss applications.If you are a Java architect or developer who wants to get the most out of the latest release of the JBoss application server, then this book is for you. You are not expected to have accumulated experience on the application server though you must know the basic concepts of Java EE.

Use Java CAPS to Streamline IT Services and Leverage Legacy Applications Design patterns are a useful tool for streamlining enterprise integration and Web development projects: the mission-critical projects that directly impact your competitiveness.Enterprise Integration Patternsby Gregor Hohpe and Bobby Woolf (Addison-Wesley, 2004) described many of the most useful patterns for enterprise developers. Until recently, however, implementing the patterns in that classic reference required the extensive use of raw Java code. Now there's a better alternative: Using Sun's Java Composite Application Suite (Java CAPS), architects and developers can implement enterprise integration patterns succinctly, elegantly, and completely. InJava™ CAPS Basics, Sun's own Java CAPS experts show how to quickly put these new tools and technologies to work in your real-world enterprise application integration projects. After reviewing the challenges of enterprise integration, they introduce Java CAPS and show how it can simplify the development of today's state-of-the-art "composite" applications. Next, they bridge the gap between abstract pattern languages and practical implementation details. You will learn essential Java CAPS concepts and methods in the context of the patterns you'll actually use for real-world message and system management. Coverage includes Comparing approaches to enterprise application integration and finding ways to integrate non-invasively, with fewer changes and lower costs Mastering the core integration tools provided by Java CAPS: eGate, eInsight, eWays and JMS Using enterprise integration patterns to improve application reusability, scalability, resilience, security, and manageability Implementing patterns for message exchange, correlation, infrastructure, routing, construction, transformation, and endpoints Generating and using cryptographic objects such as X.509 Certificates, PKCS#12, and JKS Keystores Using advanced techniques such as solution partitioning and subprocess implementation, many of which are covered nowhere else Constructing two complete example solutions that bring together many of the patterns discussed and illustrated in this book The companion CD contains detailed illustrations for most of the relevant patterns and two complete Java CAPS-based case studies (with solutions) that implement a number of the patterns discussed in the book. In addition, Part II contains a chapter on cryptographic objects used to configure security-related aspects of the suite. It also provides more than sixty detailed examples designed to illustrate the concepts and patterns presented in this book. Built with JCAPS eDesigner, these graphical, component-based examples can easily be used by business analysts and others with or without strong coding skills.

The Best Fully Integrated Study System Available for Exam 310-051 With hundreds of practice questions and hands-on exercises, Sun Certified Enterprise Architect for Java EE 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 310-051 Inside the Exam 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 the exam topics, including: Basic Principles of Enterprise Architectures * Object-Oriented Design Using UML * Applicability of JEE Technology * Design Patterns * Legacy Connectivity * EJB and Container Models * Messaging * Internationalization and Localization * Security Electronic content includes: Complete MasterExam practice testing engine, featuring: One full practice exam: Detailed answers with explanations: Score Report performance assessment tool Electronic book for studying on the go With free online registration: Bonus downloadable MasterExam practice test Sun Certified Enterprise Architect for the Java EE Platform (SCEA) certification certifies the skills of a software architect in the Java Enterprise Edition technology (formerly J2EE). This self-study exam preparation guide for the SCEA certification exam contains everything you need to test yourself and pass the Exam. All Exam topics are covered and insider secrets, complete explanations of all SCEA subjects, test tricks and tips, numerous highly realistic sample questions, and exercises designed to strengthen understanding of SCEA concepts and prepare you for exam success on the first attempt are provided. Put your knowledge and experience to the test. Achieve SCEA certification and accelerate your career. Can you imagine valuing a book so much that you send the author a "Thank You" letter? Tens of thousands of people understand why this is a worldwide best-seller. Is it the authors years of experience? The endless hours of ongoing research? The interviews with those who failed the exam, to identify gaps in their knowledge? Or is it the razor-sharp focus on making sure you don't waste a single minute of your time studying any more than you absolutely have to? Actually, it's all of the above. This book includes new exercises and sample questions never before in print. Offering numerous sample questions, critical time-saving tips plus information available nowhere else, this book will help you pass the SCEA exam on your FIRST try. Up to speed with the theory? Buy this. Read it. And Pass the SCEA Exam.
Description: In this book we are developing a multi-tiered object-oriented Java web system using Spring and Hibernate. Instead of real life business requirements, we consider examples of all the relationships of data modeling. With each lesson, we develop the user interface along with the presentation tier in a nimble manner. We also develop the business service tier, the data access tier and the resource (entity) tier with the test driven development agile approach. The chapters contain detailed explanations and code fragments sufficient to get you familiarized with the development techniques. The Appendix section has the link to the entire source code should you require reference to it. I appeal to the reader to go hands on and develop the entire code shown in the book which may aid in improving core concepts of relational database driven web application development. What you will learn: REST Architecture with support for mobile applications All the relationships of data modeling Development of user interface with JSP, JQuery, AJAX and JSON Development of mock in-memory database

Design, develop and unit test the presentation tier Design, develop and unit test the business tier Design, develop and unit test the data access tier Design, develop and unit test the resource (entity) tier Popular patterns and best practices in designing a complete Spring and Hibernate based relational database driven Java web application Table of Contents: PART I: An Introduction to Data-Driven Development Chapter 1. Architecture Chapter 2. Managing a Standalone Entity PART II: Managing a One-to-One Relationship Chapter 3. One-to-One Unidirectional Relationship Chapter 4. One-to-One Bidirectional Relationship Chapter 5. One-to-One Self-Referencing Relationship PART III: Managing a One-to-Many Relationship Chapter 6. One-to-Many Unidirectional Relationship Chapter 7. One-to-Many Bidirectional Relationship Chapter 8. One-to-Many Self-Referencing Relationship PART IV: Managing a Many-to-Many Relationship Chapter 9. Many-to-Many Unidirectional Relationship Chapter 10. Many-to-Many Bidirectional Relationship Chapter 11. Many-to-Many Bidirectional with Join Attribute Relationship Chapter 12. Many-to-Many Self-Referencing Relationship Chapter 13. Many-to-Many Self-Referencing with Join Attribute Relationship PART V: Managing Inheritance Relationships Chapter 14. Single Table Inheritance Chapter 15. Concrete Table Inheritance Chapter 16. Class Table Inheritance Unique Selling Points: The techniques given in this book can be used in real-life professional projects and are not present in the specification. The code given as a download option can be used in professional projects reducing development time by 30%. Difficult to find another Java book covering how to design all the tiers of JEE application design-entity, data access, business service and presentation. Difficult to find another Java book covering test driven development at all the tiers of the stack which is a best practice for agile projects very popular in today's market. Difficult to find another Java book covering all the relationships of data modeling which I have covered in detail. Difficult to find another Java book covering REST architecture which is popular in today's world where applications needs to support mobile view along with online view.
JSP Tag Libraries is an extension to Java Server Pages, the Java API for web development that allows a cleaner separation of logic and presentation. This promotes genuine reusability and improves the scope and power of JSF. Professional JSP Tag Libraries teaches you how to create usable, maintainable, powerful, and flexible tags. We will teach you gond practices, and the design implications of tags, that will enable you to maximise the reusability of your code. This book includes many useful code examples that illustrate the points being made. Who is this book for ? The book is for any web developer who wishes to create powertul and maintainable JSP applications. You will need to know the basics of JSP in order to follow the material : basic knowledge of sessions, the use of JavaBeans in pages, and some experience with writing JSP pages is assumed in the text. This book builds upon the Beginning JSP Web Development and Professional JSP tnd Edition books by Wrox Press.
Sun Certified Enterprise Architect for J2EE Technology Study GuidePrentice Hall

Professional

This book covers all aspects of OSWorkflow for Java developers and system architects, from basics of Business Process Management and installing OSWorkflow to developing complex Java applications and integrating this open-source Java workflow engine with the third-party components Drools for business rules, Quartz for task scheduling, and Pentaho for dashboards. Authored by an active developer of the OSWorkflow project, it gives step-by-step instructions, explaining the basics and clarifying and reinforcing principles with real-life examples. OSWorkflow is a pure Java open-source workflow engine for technical users, who can focus on the business logic and rules without Petri Net or finite state machine coding and easily integrate OSWorkflow into applications to create simple or complex workflows as needed. Because OSWorkflow provides a relatively low-level but highly flexible workflow implementation for Java developers, it is not a quick plug-and-play solution for non-technical users.

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