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Core J2EE Patterns Best Practices and Design Strategies Prentice Hall Professional Explains how to leverage Java's architecture and mechanisms to design enterprise applications and considers code modularity, nonduplication, network efficiency, maintainability, and reusability. **J2EE Design Patterns Patterns in the Real World "O'Reilly Media, Inc."** Architects of buildings and architects of software have more in common than most people think. Both professions require attention to detail, and both practitioners will see their work collapse around them if they make too many mistakes. It's impossible to imagine a world in which buildings get built without blueprints, but it's still common for software applications to be designed and built without blueprints, or in this case, design patterns.A software design pattern can be identified as "a recurring solution to a recurring problem." Using design patterns for software development makes sense in the same way that architectural design patterns make sense--if it works well in one place, why not use it in another? But developers have had enough of books that simply catalog design patterns without extending into new areas, and books that are so theoretical that you can't actually do anything better after reading them than you could before you started.Crawford and Kaplan's J2EE Design Patterns approaches the subject in a unique, highly practical and pragmatic way. Rather than simply present another catalog of design patterns, the authors broaden the scope by discussing ways to choose design patterns when building an enterprise application from scratch, looking closely at the real world tradeoffs that Java developers must weigh when architecting their applications. Then they go on to show how to apply the patterns when writing realworld software. They also extend design patterns into areas not covered in other books, presenting original patterns for data modeling, transaction / process modeling, and interoperability.J2EE Design Patterns offers extensive coverage of the five problem areas enterprise developers face: Maintenance (Extensibility) Performance (System Scalability) Data Modeling (Business Object Modeling) Transactions (process Modeling) Messaging (Interoperability) And with its careful balance between theory and practice, J2EE Design Patterns will give developers new to the Java enterprise development arena a solid understanding of how to approach a wide variety of architectural and procedural problems, and will give experienced J2EE pros an opportunity to extend and improve on their existing experience. **Java 2 Enterprise Edition (J2EE) Web Component Developer Exam Que Publishing** This certification is for Sun Certified Programmers for Java 2 Platform who are using servlet and JavaServer Pages APIs to develop Web applications using the Java 2 Platform, Enterprise Edition. This book focuses on exactly what readers need to get certified now--featuring test-taking strategies, timesaving study tips, and a special Cram Sheet that includes tips, acronyms, and memory joggers that are not available anywhere else. **Java 2 Developer Que Publishing** The fastest way to get certified for the exams CX-310-252A and CX-310-027. This volume contains tips, tricks, and hints on all the content included in these tests. **Transactions on Pattern Languages of Programming II Special Issue on Applying Patterns Springer** The Transactions on Pattern Languages of Programming subline aims to publish papers on patterns and pattern languages as applied to software design, development, and use, throughout all phases of the software life cycle, from requirements and design to implementation, maintenance and evolution. The primary focus of this LNCS Transactions subline is on patterns, pattern collections, and pattern languages themselves. The journal also includes reviews, survey articles, criticisms of patterns and pattern languages, as well as other research on patterns and pattern languages. This book, the second volume in the Transactions on Pattern Languages of Programming series, presents five papers that have been through a careful peer review process involving both pattern experts and domain experts. The papers demonstrate techniques for applying patterns in an industrial or research setting. Some have confronted the topic within software engineering; others offer approaches in other pattern domains, which is an indication of the diverse fields where patterns are applied. **Core Security Patterns Best Practices and Strategies for J2EE, Web Services, and Identity Management Prentice Hall** Praise for Core Security Patterns Java provides the application developer with essential security mechanisms and support in avoiding critical security bugs common in other languages. A language, however, can only go so far. The developer must understand the security requirements of the application and how to use the features Java provides in order to meet those requirements. Core Security Patterns addresses both aspects of security and will be a guide to developers everywhere in creating more secure applications. --Whitfield Diffie, inventor of Public-Key Cryptography A comprehensive book on Security Patterns, which are critical for secure programming. --Li Gong, former Chief Java Security Architect, Sun Microsystems, and coauthor of Inside Java 2 Platform Security As developers of existing applications, or future innovators that will drive the next generation of highly distributed applications, the patterns and best practices outlined in this book will be an important asset to your development efforts. --Joe Uniejewski, Chief Technology Officer and Senior Vice President, RSA Security, Inc. This book makes an important case for taking a proactive approach to security rather than relying on the reactive security approach common in the software industry. --Judy Lin, Executive Vice President, VeriSign, Inc. Core Security Patterns provides a comprehensive patterns-driven approach and methodology for effectively incorporating security into your applications. I recommend that every application developer keep a copy of this indispensable security reference by their side. --Bill Hamilton, author of ADO.NET Cookbook, ADO.NET in a Nutshell, and NUnit Pocket Reference As a trusted advisor, this book will serve as a Java developer s security handbook, providing applied patterns and design strategies for securing Java applications. --Shaheen Nasirudheen, CISSP,Senior Technology Officer, JPMorgan Chase Like Core J2EE Patterns, this book delivers a proactive and patterns-driven approach for designing end-to-end security in your applications. Leveraging the authors strong security experience, they created a must-have book for any designer/developer looking to create secure applications. --John Crupi, Distinguished Engineer, Sun Microsystems, coauthor of Core J2EE Patterns Core Security Patterns is the hands-on practitioner s guide to building robust end-to-end security into J2EE™ enterprise applications, Web services, identity management, service provisioning, and personal identification solutions. Written by three leading Java security architects, the patterns-driven approach fully reflects today s best practices for security in large-scale, industrial-strength applications. The authors explain the fundamentals of Java application security from the ground up, then introduce a powerful, structured security methodology; a vendor-independent security framework; a detailed assessment checklist; and twenty-three proven security architectural patterns. They walk through several realistic scenarios, covering architecture and implementation and presenting detailed sample code. They demonstrate how to apply cryptographic techniques; obfuscate code; establish secure communication; secure J2ME™ applications; authenticate and authorize users; and fortify Web services, enabling single sign-on, effective identity management, and personal identification using Smart Cards and Biometrics. Core Security Patterns covers all of the following, and more: What works and what doesn t: J2EE application-security best practices, and common pitfalls to avoid Implementing key Java platform security features in real-world applications Establishing Web Services security using XML Signature, XML Encryption, WS-Security, XKMS, and WS-I Basic security profile Designing identity management and service provisioning systems using SAML, Liberty, XACML, and SPML Designing secure personal identification solutions using Smart Cards and Biometrics Security design methodology, patterns, best practices, reality checks, defensive strategies, and evaluation checklists End-to-end security architecture case study: architecting, designing, and implementing an end-to-end security solution for large-scale applications **Development of Component-based Information Systems M.E. Sharpe Pro Apache Struts with Ajax Apress** In this book, the authors take an application-centric approach: the development of an application drives the Struts along with Ajax coverage, rather than the other way around. Chapter titles include: What We Do Wrong: Web Antipatterns Explained; Managing Business Logic with Struts; Architecting the Data Access Tier with ObjectRelationalBridge; Building Flexible Front-Ends with the Tiles Framework; Dynamic Forms using Ajax and the Struts Validator Framework; Speeding Struts Development with XDoclet, and Logging and Debugging. Appendices discuss JavaEdge setup, Struts development tools, and Apache Struts Ti/WebWork. The end result: you will learn to use Struts very effectively! **Design Patterns Elements of Reusable Object-Oriented Software Pearson Deutschland GmbH** Software -- Software Engineering. **IBM Systems Journal J2EE Design Patterns O'Reilly Media** Architects of buildings and architects of software have more in common than most people think. Both professions require attention to detail, and both practitioners will see their work collapse around them if they make too many mistakes. It's impossible to imagine a world in which buildings get built without blueprints, but it's still common for software applications to be designed and built without blueprints, or in this case, design patterns. A software design pattern can be identified as "a recurring solution to a recurring problem." Using design patterns for software development makes sense in the same way that architectural design patterns make sense--if it works well in one place, why not use it in another? But developers have had enough of books that simply catalog design patterns without extending into new areas, and books that are so theoretical that you can't actually do anything better after reading them than you could before you started. Crawford and Kaplan's J2EE Design Patterns approaches the subject in a unique, highly practical and pragmatic way. Rather than simply present another catalog of design patterns, the authors broaden the scope by discussing ways to choose design patterns when building an enterprise application from scratch, looking closely at the real world tradeoffs that Java developers must weigh when architecting their applications. Then they go on to show how to apply the patterns when writing realworld software. They also extend design patterns into areas not covered in other books, presenting original patterns for data modeling, transaction / process modeling, and interoperability. J2EE Design Patterns offers extensive coverage of the five problem areas enterprise developers face: Maintenance (Extensibility) Performance (System Scalability) Data Modeling (Business Object Modeling) Transactions (process Modeling) Messaging (Interoperability) And with its careful balance between theory and practice, J2EE Design Patterns will give developers new to the Java enterprise development arena a solid understanding of how to approach a wide variety of architectural and procedural problems, and will give experienced J2EE pros an opportunity to extend and improve on their existing experience. **PHP 5 Objects, Patterns, and Practice Apress Enterprise Integration Patterns Designing, Building, and Deploying Messaging Solutions Addison-Wesley** 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. **Core Security Patterns Best Practices and Strategies for J2EE, Web Services, and Identity Management Prentice Hall Ptr** Praise for Core Security Patterns Java provides the application developer with essential security mechanisms and support in avoiding critical security bugs common in other languages. A language, however, can only go so far. The developer must understand the security requirements of the application and how to use the features Java provides in order to meet those requirements. Core Security Patterns addresses both aspects of security and will be a guide to developers everywhere in creating more secure applications. --Whitfield Diffie, inventor of Public-Key Cryptography A comprehensive book on Security Patterns, which are critical for secure programming. --Li Gong, former Chief Java Security Architect, Sun Microsystems, and coauthor of Inside Java 2 Platform Security As developers of existing applications, or future innovators that will drive the next generation of highly distributed applications, the patterns and best practices outlined in this

book will be an important asset to your development efforts. --Joe Uniejewski, Chief Technology Officer and Senior Vice President, RSA Security, Inc. This book makes an important case for taking a proactive approach to security rather than relying on the reactive security approach common in the software industry. --Judy Lin, Executive Vice President, VeriSign, Inc. Core Security Patterns provides a comprehensive patterns-driven approach and methodology for effectively incorporating security into your applications. I recommend that every application developer keep a copy of this indispensable security reference by their side. --Bill Hamilton, author of ADO.NET Cookbook, ADO.NET in a Nutshell, and NUnit Pocket Reference As a trusted advisor, this book will serve as a Java developers security handbook, providing applied patterns and design strategies for securing Java applications. --Shaheen Nasirudheen, CISSP,Senior Technology Officer, JPMorgan Chase Like Core J2EE Patterns, this book delivers a proactive and patterns-driven approach for designing end-to-end security in your applications. Leveraging the authors strong security experience, they created a must-have book for any designer/developer looking to create secure applications. --John Crupi, Distinguished Engineer, Sun Microsystems, coauthor of Core J2EE Patterns Core Security Patterns is the hands-on practitioners guide to building robust end-to-end security into J2EE(tm) enterprise applications, Web services, identity management, service provisioning, and personal identification solutions. Written by three leading Java security architects, the patterns-driven approach fully reflects todays best practices for security in large-scale, industrial-strength applications. The authors explain the fundamentals of Java application security from the ground up, then introduce a powerful, structured security methodology; a vendor-independent security framework; a detailed assessment checklist; and twenty-three proven security architectural patterns. They walk through several realistic scenarios, covering architecture and implementation and presenting detailed sample code. They demonstrate how to apply cryptographic techniques; obfuscate code; establish secure communication; secure J2ME(tm) applications; authenticate and authorize users; and fortify Web services, enabling single sign-on, effective identity management, and personal identification using Smart Cards and Biometrics. Core Security Patterns covers all of the following, and more: What works and what doesnt: J2EE application-security best practices, and common pitfalls to avoid Implementing key Java platform security features in real-world applications Establishing Web Services security using XML Signature, XML Encryption, WS-Security, XKMS, and WS-I Basic security profile Designing identity management and service provisioning systems using SAML, Liberty, XACML, and SPML Designing secure personal identification solutions using Smart Cards and Biometrics Security design methodology, patterns, best practices, reality checks, defensive strategies, and evaluation checklists End-to-end security architecture case study: architecting, designing, and implementing an end-to-end security solution for large-scale applications **Product Focused Software Process Improvement 6th International Conference, PROFES 2005, Oulu, Finland, June 13-18, 2005, Proceedings Springer** On behalf of the PROFES Organizing Committee we are proud to present to you the proceedings of the 6th International Conference on Product Focused Software Process Improvement (PROFES 2005), held in Oulu, Finland. Since 1999, PROFES has established itself as one of the recognized inter- tional software process improvement conferences. Thepurposeoftheconferenceistobringtolightthemostrecent?ndingsand results in the area and to stimulate discussion between researchers, experienced professionals,andtechnologyproviders.Thelargenumberofparticipantscoming from industry con?rms that the conference provides a variety of up-to-date t- ics and tackles industry problems. The main theme of PROFES is professional software process improvement (SPI) motivated by product and service quality needs. SPI is facilitated by software process assessment, software measurement, process modeling, and technology transfer. It has become a practical tool for quality software engineering and management. The conference addresses both the solutions found in practice and the relevant research results from academia. This is re?ected in the 42 full papers, which are – as in the years before – a well-balanced mix of academic papers as well as industrial experience reports. The business of developing new applications like mobile and Internet services orenhancingthefunctionalityofavarietyofproductsusingembeddedsoftwareis rapidlygrowing,maturingandmeetingtheharshbusinessrealities.Theaccepted papers focusing on wireless and the Internet are grouped into a special "mobile and wireless" session. WewishtothankVTTElectronics,theUniversityofOuluincludingInfotech, and Fraunhofer IESE for supporting the conference. We are also grateful to the authors for high-quality papers, the Program Committee for their hard work in reviewing the papers, the Organizing Committee for making the event possible, and all the numerous supporters who helped in organizing this conference. **Applied Java Patterns Prentice Hall Professional** 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. **Implementing SOA Using Java EE Pearson Education** The Practitioner's Guide to Implementing SOA with Java EE Technologies This book brings together all the practical insight you need to successfully architect enterprise solutions and implement them using SOA and Java EE technologies. Writing for senior IT developers, strategists, and enterprise architects, the authors cover everything from concepts to implementation, requirements to tools. The authors first review the Java EE platform's essential elements in the context of SOA and web services deployment, and demonstrate how Java EE has evolved into the world's best open source solution for enterprise SOA. After discussing standards such as SOAP, WSDL, and UDDI, they walk through implementing each key aspect of SOA with Java EE. Step by step, you'll learn how to integrate service-oriented web and business components of Java EE technologies with the help of process-oriented standards such as BPEL/CDL into a coherent, tiered enterprise architecture that can deliver a full spectrum of business services. Implementing SOA Using Java™ EE concludes with a section-length case study that walks through analyzing a company's requirements, creating an effective SOA architecture, and building a concise proof-of-concept prototype with NetBeans IDE. Coverage includes Using Java EE technologies to simplify SOA implementation Mastering messaging, service descriptions, registries, orchestration, choreography, and other essential SOA concepts Building an advanced web services infrastructure for implementing SOA Using Java Persistence API to provide for persistence Getting started with Java Business Integration (JBI), the new open specification for delivering SOA Implementing SOA at the web and business tiers Developing, configuring, and deploying SOA systems with NetBeans IDE Constructing SOA systems with NetBeans SOA Pack **Where Parallels Intersect Informing Science Pro Java EE Spring Patterns Best Practices and Design Strategies Implementing Java EE Patterns with the Spring Framework Apress** "The Java™ landscape is littered with libraries, tools, and specifications. What's been lacking is the expertise to fuse them into solutions to real–world problems. These patterns are the intellectual mortar for J2EE software construction." —John Vlissides, coauthor of Design Patterns: Elements of Reusable Object–Oriented Software Pro Java™ EE Spring Patterns focuses on enterprise patterns, best practices, design strategies, and proven solutions using key Java EE technologies including JavaServer Pages™, Servlets, Enterprise JavaBeans™, and Java Message Service APIs. This Java EE patterns resource, catalog, and guide, with its patterns and numerous strategies, documents and promotes best practices for these technologies, implemented in a very pragmatic way using the Spring Framework and its counters. This title Introduces Java EE application design and Spring framework fundamentals Describes a catalog of patterns used across the three tiers of a typical Java EE application Provides implementation details and analyses each pattern with benefits and concerns Describes the application of these patterns in a practical application scenario **Real World Java Ee Patterns-Rethinking Best Practices Lulu.com** 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 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: -). **The Database Hacker's Handbook Defending Database John Wiley & Sons Guide to the Unified Process featuring UML, Java and Design Patterns Springer Science & Business Media** John Hunt's book guides you through the use of the UML and the Unified Process and their application to Java systems. Key topics focus explicitly on applying the notation and the method to Java. The book is clearly structured and written, making it ideal for practitioners. This second edition is considerably revised and extended and includes examples taken from the latest version of Rational Rose and Together. Considers how Agile Modelling fits with the Unified Process, and presents Design Patterns Self contained – covers both the Unified Process and UML in one book Includes real-world case studies Written by an experienced author and industry expert Ideal for students on Software Engineering courses **J2EE Best Practices Java Design Patterns, Automation, and Performance John Wiley & Sons** Learn how to apply robust application design to your J2EE projects There are a number of best practices you need to consider to build highly effective J2EE components and integrate them into applications. These practices include evaluating and selecting the right set of software components and services to handle the job. In this book, Darren Broemmer supplies you with a set of best practices for J2EE development and then teaches you how to use them to construct an application architecture referred to as the reference architecture. The design and implementation of the reference architecture is based on a set of guiding principles that are used to optimize and automate J2EE development. In addition to the author's thorough discussions of the latest technologies for J2EE implementation-including EJB 2, Jakarta Struts, Servlets, Java Server Pages, UML, design patterns, Common Business Logic Foundation components, and XML-Broemmer addresses such topics as: Understanding J2EE application architecture Building business applications with J2EE, a business object architecture, and extensible components created with design patterns Designing and implementing a sample banking Web application Integrating proven performance-engineering and optimization practices in the development process Using metadata-driven, configurable foundation components to automate much of the development and processing of Web-based business applications The companion Web site contains the source code for a Common Business Logic Foundation and sample applications from the book, including a Jakarta Struts project and a banking application. Links to the Jakarta Struts frameworks and J2EE application servers such as BEA WebLogic and IBM WebSphere are also provided. **Application Development and Design: Concepts, Methodologies, Tools, and Applications Concepts, Methodologies, Tools, and Applications IGI Global** Advancements in technology have allowed for the creation of new tools and innovations that can improve different aspects of life. These applications can be utilized across different technological platforms. Application Development and Design: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and uses of various technology applications and examines the benefits and challenges of these computational developments. Highlighting a range of pertinent topics such as software design, mobile applications, and web applications, this multi-volume book is ideally designed for researchers, academics, engineers, professionals, students, and practitioners interested in emerging technology applications. **Ejb Design Patterns John Wiley & Sons Handbook of Research on Innovations in Systems and Software Engineering IGI Global** Professionals in the interdisciplinary field of computer science focus on the design, operation, and maintenance of computational systems and software. Methodologies and tools of engineering are utilized alongside the technological advancements of computer applications to develop efficient and precise databases of information. The Handbook of Research on Innovations in Systems and Software Engineering combines relevant research from all facets of computer programming to provide a comprehensive look at the challenges and changes in the field. With information spanning topics such as design models, cloud computing, and security, this handbook is an essential reference source for academicians, researchers, practitioners, and students interested in the development and design of improved and effective technologies. **Software Architecture Design Patterns in Java CRC Press** 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. **Rapid J2EE Development An Adaptive Foundation for Enterprise Applications Prentice Hall** The J2EE developer's practical introduction and cookbook to cost saving software engineering solutions. **J2EE AntiPatterns John Wiley & Sons** "The flip-side of Patterns, AntiPatterns provide developers with formal descriptions of common development gaffes that can derail a project along with practical guidelines on how to avoid them. In this book, the authors present dozens of Java AntiPatterns that tackle many of Java's biggest trouble spots for programming with EJB, JSP, Servlets, and more. Each AntiPattern is documented with real-world examples, code, and refactored (or escape-route) solutions, and the book uses UML (where appropriate) to diagram improved solutions. All code examples from the book are available to the reader on the book's companion Web site." **Fowler Pattern Enterpr Applica Arch Addison-Wesley** The practice of enterprise application development has benefited from the 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 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 **Professional Java EE Design Patterns John Wiley & Sons** Master Java EE design pattern implementation to improve yourdesign skills and your application's architecture Professional Java EE Design Patterns is the perfectcompanion for anyone who wants to work more effectively with JavaEE, and the only resource that covers both the theory andapplication of design patterns in solving real-world problems. Theauthors guide readers through both the fundamental and advancedfeatures of Java EE 7, presenting patterns throughout, anddemonstrating how they are used in day-to-day problem solving. As the most popular programming language in community-drivenenterprise software, Java EE provides an API and runtimeenvironment that is a superset of Java SE. Written for the juniorand experienced Java EE developer seeking to improve design qualityand effectiveness, the book covers areas including: Implementation and problem-solving with design patterns Connection between existing Java SE design 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 EEDesign Patterns is the definitive resource on the market. **Spring 5 Design Patterns Master efficient application development with patterns such as proxy, singleton, the template method, and more Packt Publishing Ltd** Learn various design patterns and best practices in Spring 5 and use them to solve common design problems. About This Book Explore best practices for designing an application Manage your code easily with Spring's Dependency Injection pattern Understand the benefits that the right design patterns can offer your toolkit Who This Book Is For This book is for developers who would like to use design patterns to address common problems while designing an app using the Spring Framework and Reactive Programming approach. A basic knowledge of the Spring Framework and Java is assumed. What You Will Learn Develop applications using dependency injection patterns Learn best practices to design enterprise applications Explore Aspect-Oriented Programming relating to transactions, security, and caching. Build web applications using traditional Spring MVC patterns Learn to configure Spring using XML, annotations, and Java. Implement caching to improve application performance. Understand concurrency and handle multiple connections inside a web server. Utilizing Reactive Programming Pattern to build Reactive web applications. In Detail Design patterns help speed up the development process by offering well tested and proven solutions to common problems. These patterns coupled with the Spring framework offer tremendous improvements in the development process. The book begins with an overview of Spring Framework 5.0 and design patterns. You will understand the Dependency Injection pattern, which is the main principle behind the decoupling process that Spring performs, thus making it easier to manage your code. You will learn how GoF patterns can be used in Application Design. You will then learn to use Proxy patterns in Aspect Oriented Programming and remoting. Moving on, you will understand the JDBC template patterns and their use in abstracting database access. Then, you will be introduced to MVC patterns to build Reactive web applications. Finally, you will move on to more advanced topics such as Reactive streams and Concurrency. At the end of this book, you will be well equipped to develop efficient enterprise applications using Spring 5 with common design patterns Style and approach The book takes a pragmatic approach, showing various design patterns and best-practice considerations, including the Reactive programming approach with the Spring 5 Framework and ways to solve common development and design problems for enterprise applications. **Professional Rich Internet Applications AJAX and Beyond John Wiley & Sons Patterns of Enterprise Application Architecture Addison-Wesley Professional** This volume is a handbook for enterprise system developers, guiding them through the intricacies and lessons learned in enterprise application development. It provides proven solutions to the everyday problems facing information systems developers. **Effective Enterprise Java Addison-Wesley Professional** "With this book, Ted Neward helps you make the leap from being a good Java enterprise developer to a great developer!" --John Crupi, Sun Distinguished Engineer coauthor, Core J2EE Patterns If you want to build better Java enterprise applications and work more efficiently, look no further. Inside, you will find an accessible guide to the nuances of Java 2 Platform, Enterprise Edition (J2EE) development. Learn how to: Use in-process or local storage to avoid the network, see item 44 Set lower isolation levels for better transactional throughput, see item 35 Use Web services for open integration, see item 22 Consider your lookup carefully, see item 16 Pre-generate content to minimize processing, see item 55 Utilize role-based authorization, see item 63 Be robust in the face of failure, see item 7 Employ independent JREs for side-by-side versioning, see item 69 Ted Neward provides you with 75 easily digestible tips that will help you master J2EE development on a systemic and architectural level. His panoramic look at the good, the bad, and the ugly aspects of J2EE development will address your most pressing concerns. Learn how to design your enterprise systems so they adapt to future demands. Improve the efficiency of your code without compromising its correctness. Discover how to implement sophisticated functionality that is not directly supported by the language or platform. After reading Effective Enterprise Java , you will know how to design and implement better, more scalable enterprise-scope Java software systems. **Enterprise Java Security Building Secure J2EE Applications Addison-Wesley Professional** A definitive guide to Java security explains how to incorporate J2SE and J2EE security technologies into the construction of a secure enterprise infrastructure composed primarily of Java-based enterprise applications, offering comprehensive coverage of the J2SE and J2EE security architectures, as well as practical solutions to ensure security. Original. (Advanced) **Practical J2EE Application Architecture Mcgraw-hill** Provides developers with a complete roadmap for building large-scale J2EE applications. You will get a cohesive approach for producing optimal solutions through rigorous life-cycle management techniques from inception through deployment. Includes sample Web site—hosted by the authors--that features real-world demonstrations of all the book's concepts. **Guide to J2EE: Enterprise Java Springer Science & Business Media** Enterprise Java experts John Hunt and Chris Loftus take the reader through the core technologies that make up the Enterprise Edition of the Java 2 platform (J2EE). They cover all the aspects of J2EE that both the professional and student needs to know to build multi-tier enterprise applications in Java. This includes the various technologies, design methodology, and design patterns. The text contains fully worked examples, built up throughout the book, which enables the reader to quickly develop multi-tier applications. An invaluable text for those who want to build enterprise wide applications in Java. **Struts 2 Black Book, 2Nd Ed (With Cd) Dreamtech Press** Struts 2 Black Book brings to you a detailed discussion on Web application development by using Struts 2 Framework. Targeting beginner to advance level readers, this book begins with an introduction to Struts 2 and describes its evolutions as a new Web Application Framework. It covers various concepts supported by Struts 2, such as Interceptors, Results, Validators, Generic and UI Tags and Plugins. The book also describes the benefits of these concepts and different ways of implementing them. In addition, the book discusses various components created and configured in Struts 2 Framework based web application. The book also covers the architecture and implementation changed in Struts 2 from Struts 1. The book describes the process of migrating a Struts 1 application to a Struts 2 based application, and a lot more. **The J2EE Tutorial Addison-Wesley Professional** Provides example programs and their source code to explore concepts and technologies including Enterprise JavaBeans, JavaServer Pages, Java Message Service, and Java Naming and Directory Interface.