

Java Ee And Net Interoperability Rainbowtom

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Revision 1.1 A guide for home business and small business companies to develop online strategies for online presence, using the advantages of Web 2.0, web development, online promotion and social media. Web 2.0 is the evolution of the Web towards greater simplicity (requiring no technical knowledge or computer for users) and interactivity (allowing everyone, individually or collectively, to contribute, share and collaborate in various forms). Crowdsourcing, or participatory production, one of the emerging areas of knowledge management, is the use of creativity, intelligence and know-how of a large number of people, outsourcing, to perform certain tasks traditionally performed by an employee or contractor. Web development can take different forms: from a simple static page to dynamic pages with a connection to a database. Agile methods are groups of practices for the development of projects in IT (software design) that can be applied to various types of projects. They involve the maximum the applicant (client) and allow greater responsiveness to requests. They aim to real customer satisfaction a priority under a development agreement. A succesful web development is primarily based on iterative refinement of needs implemented in functionality in progress and even already completed. The marketing strategy aims to put the company in question in line with the implicit or explicit requirements of the market in which it operates. The foundations of the strategy are to discover and especially to influence the needs of potential customers and identify products and services. E-marketing, or Internet marketing, is used to manage a web presence and a report to the user and to the communities it represents. The challenge here is to disseminate a consistent image of brand and company regardless of the communication media. Marketing 2.0 refers to a new generation of emerging marketing concepts of the Internet age. A social network is a set of brands, such as individuals or organizations, interconnected by links created during social interactions. It is represented by a structure or a dynamic form of a social group. The analysis of social networks is based on network theory, the use of graphs, and sociological analysis. Pnline social networking services are used to build a social network by connecting friends, associates, and generally individuals together using a variety of tools in order to facilitate, for example, management of professional careers, distribution and artistic visibility, or private meetings. Social commerce is a subset of e-commerce. It involves social media, and other digital media that support social interaction and user contributions, to assist in buying and selling products and services online. Simply put, social commerce is the use of social networks for e-commerce transactions.

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms from Oracle (previously Sun). Beginning Java EE 6 Platform with GlassFish 3, Second Edition is this first tutorial book on the final version of the Java EE 6 Platform. Step by step and easy to follow, this book describes many of the Java EE 6 specifications and reference implementations, and shows them in action using practical examples. This book uses the new version of GlassFish 3 to deploy and administer the code examples. Written by an expert member of the Java EE 6 specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies.

The emergence of e-government allows for effective governance, increased transparency, better management, and efficient services through the use of the internet and information and communication technologies. Therefore, world governments are mobilizing large amounts of resources in order to implement and promote the use of e-government. Developing E-Government Projects: Frameworks and Methodologies presents frameworks and methodologies for strategies towards the design, implementation, and adoption of e-government projects. By providing best practices in the successful adoption of e-government, this book is essential for policy makers, practitioners, researchers, and students interested in the approaches utilized for the successful implementation of e-government projects.

Perfect for the one-term course, Web-Based Application Development present an introduction to concepts, theories, practices, languages, and tools used to develop applications for the World Wide Web. It provides coverage of the important fundamentals of Web applications while providing the coverage of programming and technology necessary to apply these ideas and put them into practice. In addition to presenting the language and tools found in most texts, Web-Based Application Development goes beyond and includes networking, architecture, security, reliability, and other important concepts and theories necessary today.

The Definitive Guide to Today's Leading Persistence Technologies Persistence in the Enterprise is a unique, up-to-date, and objective guide to building the persistence layers of enterprise applications. Drawing on their extensive experience, five leading IBM® Web development experts carefully review the issues and tradeoffs associated with persistence in large-scale, business-critical applications. The authors offer a pragmatic, consistent comparison of each leading framework--both proprietary and open source. Writing for IT managers, architects, administrators, developers, and testers, the authors address a broad spectrum of issues, ranging from coding complexity and flexibility to scalability and licensing. In addition, they demonstrate each framework side by side, via a common example application. With their guidance, you'll learn how to define your persistence requirements, choose the most appropriate solutions, and build systems that maximize both performance and value. Coverage includes Taking an end-to-end application architecture view of persistence Understanding business drivers, IT requirements, and implementation issues Driving your persistence architecture via functional, nonfunctional, and domain requirements Modeling persistence domains Mapping domain models to relational databases Building a yardstick for comparing persistence frameworks and APIs

Selecting the right persistence technologies for your applications Comparing JDBC™, Apache iBATIS, Hibernate Core, Apache OpenJPA, and pureQuery The companion web site includes sample code that implements the common example used throughout the technology evaluation chapters, 5-9. The IBM Press developerWorks® Series is a unique undertaking in which print books and the Web are mutually supportive. The publications in this series are complemented by resources on the developerWorks Web site on ibm.com. Icons throughout the book alert the reader to these valuable resources.

Build Java Enterprise Applications and learn how Kotlin makes it easier to code them using components like JSF 2.3, Enterprise JavaBeans (EJB) 3.2, Contexts and Dependency Injection (CDI) 2.0, the Java API for WebSockets, JAX-RS 2.1, Servlet 4.0. Key Features An in-depth guide updated with all the latest features of Kotlin 1.2 and Java EE 8 Build microservices in Java EE with the help of Kotlin use cases Explore coroutines, garbage collection, multithreading, memory management and more Book Description Kotlin was developed with a view to solving programmers' difficulties and operational challenges. This book guides you in making Kotlin and Java EE work in unison to build enterprise-grade applications. Together, they can be used to create services of any size with just a few lines of code and let you focus on the business logic. Kotlin for Enterprise Applications using Java EE begins with a brief tour of Kotlin and helps you understand what makes it a popular and reasonable choice of programming language for application development, followed by its incorporation in the Java EE platform. We will then learn how to build applications using the Java Persistence API (JPA) and Enterprise JavaBeans (EJB), as well as develop RESTful web services and MicroServices. As we work our way through the chapters, we'll use various performance improvement and monitoring tools for your application and see how they optimize real-world applications. At each step along the way, we will see how easy it is to develop enterprise applications in Kotlin. By the end of this book, we will have learned design patterns and how to implement them using Kotlin. What you will learn Understand Kotlin syntax and appreciate why it's gaining in popularity Explore the Java EE ecosystem and the APIs in Java EE Implement applications using Kotlin Overcome the challenges of developing the Java EE system using Kotlin Gain insights into Java Message Services (JMS) Build RESTful MicroServices and secure applications Optimize applications with performance and monitoring tools Understand design patterns and implement them Who this book is for Kotlin for Enterprise Applications using Java EE is for Java EE developers who want to build their enterprise project or application with Kotlin or migrate from Java to Kotlin. Basic knowledge of programming is necessary to understand the key concepts covered in this book.

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

Web Standards: Mastering HTML5, CSS3, and XML provides solutions to the most common website problems, and gives you a deep understanding of web standards and how they can be applied to improve your website. You will learn how to create fully standards-compliant websites and provide search engine-optimized Web documents with faster download times, accurate rendering, correct appearance and layout, lower development cost, approved accessibility, backward and forward compatibility, and easy maintenance and content updating. The book covers all major Web standards, focusing on syntax, grammar, recommended annotations, and other standardization concerns. Web Standards: Mastering HTML5, CSS3, and XML is also a comprehensive guide to current and future standards for the World Wide Web. As a web developer, you'll have seen problems with inconsistent appearance and behavior of the same site in different browsers. Web standards can and should be used to completely eliminate these problems. Web Standards: Mastering HTML5, CSS3, and XML describes how you can make the most of web standards, through technology discussions as well as practical sample code that you can use for your own sites and web applications. It also provides a quick guide to standard website creation for Web developers. Learn techniques and best practices to achieve full standards compliance Write valid markup, styles, and news feeds from scratch or standardize websites by redesign Restrict markup to semantics and provide reliable layout This two-volume-set (LNCS 7203 and 7204) constitutes the refereed proceedings of the 9th International Conference on Parallel Processing and Applied Mathematics, PPAM 2011, held in Torun, Poland, in September 2011. The 130 revised full papers presented in both volumes were carefully reviewed and selected from numerous submissions. The papers address issues such as parallel/distributed architectures and mobile computing; numerical algorithms and parallel numerics; parallel non-numerical algorithms; tools and environments for parallel/distributed/grid computing; applications of parallel/distributed computing; applied mathematics, neural networks and evolutionary computing; history of computing.

This book constitutes the refereed proceedings of the Second International Conference on Advances in Communication, Network, and Computing, CNC 2011, held in Bangalore, India, in March 2011. The 41 revised full papers, presented together with 50 short papers and 39 poster papers, were carefully reviewed and selected for inclusion in the book. The papers feature current research in the field of Information Technology, Networks, Computational Engineering, Computer and Telecommunication Technology, ranging from theoretical and methodological issues to advanced applications.

Java EE 7 Recipes takes an example-based approach in showing how to program Enterprise Java applications in many different scenarios. Be it a small-business web

application, or an enterprise database application, Java EE 7 Recipes provides effective and proven solutions to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. The solutions in Java EE 7 Recipes are built using the most current Java Enterprise specifications, including EJB 3.2, JSF 2.2, Expression Language 3.0, Servlet 3.1, and JMS 2.0. While older technologies and frameworks exist, it is important to be forward-looking and take advantage of all that the latest technologies offer. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful platforms available for application development today. Let Java EE 7 Recipes show you the way by showing how to build streamlined and reliable applications much faster and easier than ever before by making effective use of the latest frameworks and features on offer in the Java EE 7 release. Shows off the most current Java Enterprise Edition technologies. Provides solutions to creating sophisticated user interfaces. Demonstrates proven solutions for effective database access.

Designed for a broad spectrum of people with technically diverse backgrounds, this book covers the most recent developments in Web 2.0 programming topics and applications, including up-to-date material on cloud computing, Google AppEngine, Social Networks, Comet, HTML5, semantic technology, and a chapter on the future of the Web. This book prepares readers for more advanced technical topics in Web 2.0. The accompanying CD-ROM and companion website provide code samples from the book and appendices with an extensive set of links (over 1,000) for supplemental material and links for the Twitter and Facebook pages. (Please note, eBook version does not include CD-ROM).

This book offers a state-of-the-science approach to current environmental security threats and infrastructure vulnerabilities. It emphasizes beliefs that the convergence of seemingly disparate viewpoints and often uncertain and limited information is possible only by using one or more available risk assessment methodologies and decision-making tools such as risk assessment and multi-criteria decision analysis (MCDA).

Learn how to design and develop distributed web services in Java, using RESTful architectural principles and the JAX-RS 2.0 specification in Java EE 7. By focusing on implementation rather than theory, this hands-on reference demonstrates how easy it is to get started with services based on the REST architecture. With the book's technical guide, you'll learn how REST and JAX-RS work and when to use them. The RESTEasy workbook that follows provides step-by-step instructions for installing, configuring, and running several working JAX-RS examples, using the JBoss RESTEasy implementation of JAX-RS 2.0. Learn JAX-RS 2.0 features, including a client API, server-side asynchronous HTTP, and filters and interceptors Examine the design of a distributed RESTful interface for an e-commerce order entry system Use the JAX-RS Response object to return complex responses to your client (ResponseBuilder) Increase the performance of your services by leveraging HTTP caching protocols Deploy and integrate web services within Java EE7, servlet containers, EJB, Spring, and JPA Learn popular mechanisms to perform authentication on the Web, including client-side SSL and OAuth 2.0 Audio/Video (AV) systems and Information Technology (IT) have collided. IT is being leveraged to create compelling networked media and file-based workflows. Video Systems in an IT Environment has helped thousands of professionals in broadcast, post and other media disciplines to understand the key aspects the AV/IT "tapeless convergence. World-renowned educator and speaker Al Kovalick adds his conversational and witty style to this text making the book an enjoyable learning experience. Now in its second edition, this book includes: basics of networked media, storage systems for AV, MXF and other file formats, Web services and SOA, software platforms, 14 methods for high availability design, element management, security, AV technology, transition issues, real-world case studies and much more. Each chapter weaves together IT and AV techniques providing the reader with actionable information on the issues, best practices, processes and principles of seamless AV/IT systems integration.

Data envelopment analysis (DEA), a non-parametric technique, has emerged as a popular management tool for measuring the performance of a set of entities, known as decision making units. This book, Data Envelopment Analysis and Its Applications to Management, is a collection of contributions from DEA experts from various countries. It covers a wide range of research papers from the theoretical development of DEA to its applications in various sectors such as economy, banking, education, revenue management, sports, branch networks, cities, and live stock production systems. The book is useful for researchers as well as practitioners who intend to apply DEA to their strategic and managerial decisions.

This IBM® Redbooks® publication documents the strength and value of the IBM security strategy with IBM zTM Systems hardware and software. In an age of increasing security consciousness and more and more dangerous advanced persistent threats, IBM z Systems™ provides the capabilities to address the needs of today's business security challenges. This publication explores how z Systems hardware is designed to provide integrity, process isolation, and cryptographic capability to help address security requirements. We highlight the features of IBM z/OS® and other operating systems, which offer a variety of customizable security elements. We discuss z/OS and other operating systems and additional software that use the building blocks of z Systems hardware to provide solutions to business security needs. We also explore the perspective from the view of an enterprise security architect and how a modern mainframe has to fit into an overarching enterprise security architecture. This book is part of a three-volume series that focuses on guiding principles for optimized mainframe security configuration within a holistic enterprise security architecture. The series' intended audience includes enterprise security architects, planners, and managers who are interested in exploring how the security design and features of z Systems, the z/OS operating system, and associated software address current issues such as data encryption, authentication, authorization, network security, auditing, ease of security administration, and monitoring. IBM® FileNet® Content Manager Version 5.2 provides full content lifecycle and extensive document management capabilities for digital content. IBM FileNet Content Manager is

tightly integrated with the family of IBM FileNet products based on the IBM FileNet P8 technical platform. IBM FileNet Content Manager serves as the core content management, security management, and storage management engine for the products. This IBM Redbooks® publication covers the implementation best practices and recommendations for solutions that use IBM FileNet Content Manager. It introduces the functions and features of IBM FileNet Content Manager, common use cases of the product, and a design methodology that provides implementation guidance from requirements analysis through production use of the solution. We address administrative topics of an IBM FileNet Content Manager solution, including deployment, system administration and maintenance, and troubleshooting. Implementation topics include system architecture design with various options for scaling an IBM FileNet Content Manager system, capacity planning, and design of repository design logical structure, security practices, and application design. An important implementation topic is business continuity. We define business continuity, high availability, and disaster recovery concepts and describe options for those when implementing IBM FileNet Content Manager solutions. Many solutions are essentially a combination of information input (ingestion), storage, information processing, and presentation and delivery. We discuss some solution building blocks that designers can combine to build an IBM FileNet Content Manager solution. This book is intended to be used in conjunction with product manuals and online help to provide guidance to architects and designers about implementing IBM FileNet Content Manager solutions. Many of the features and practices described in the book also apply to previous versions of IBM FileNet Content Manager.

Discover one of the most comprehensive introductions to information systems hardware and software in business today with Burd's SYSTEMS ARCHITECTURE, 7E. This new edition remains an indispensable tool for current and future IS (Information Systems) professionals with a managerial, broad systems perspective that provides a holistic approach to systems architecture. This edition has been thoroughly updated to ensure all concepts, examples and applications reflects the latest in today's new and emerging technologies. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Guide to Cloud Computing for Business and Technology Managers: From Distributed Computing to Cloudware Applications unravels the mystery of cloud computing and explains how it can transform the operating contexts of business enterprises. It provides a clear understanding of what cloud computing really means, what it can do, and when it is practical to use. Addressing the primary management and operation concerns of cloudware, including performance, measurement, monitoring, and security, this pragmatic book: Introduces the enterprise applications integration (EAI) solutions that were a first step toward enabling an integrated enterprise Details service-oriented architecture (SOA) and related technologies that paved the road for cloudware applications Covers delivery models like IaaS, PaaS, and SaaS, and deployment models like public, private, and hybrid clouds Describes Amazon, Google, and Microsoft cloudware solutions and services, as well as those of several other players Demonstrates how cloud computing can reduce costs, achieve business flexibility, and sharpen strategic focus Unlike customary discussions of cloud computing, Guide to Cloud Computing for Business and Technology Managers: From Distributed Computing to Cloudware Applications emphasizes the key differentiator—that cloud computing is able to treat enterprise-level services not merely as discrete stand-alone services, but as Internet-locatable, composable, and repackagable building blocks for generating dynamic real-world enterprise business processes.

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

"This book is a collection of knowledge on contemporary experiences on technological, societal and legal setups of e-Government implementation in emerging economies"--Provided by publisher.

????:Ray Lai,Sonu Sharma,Laurence Moroney

Interoperability is a topic of considerable interest for business entities, as the exchange and use of data is important to their success and sustainability. Electronic Business Interoperability: Concepts, Opportunities and Challenges analyzes obstacles, provides critical assessment of existing approaches, and reviews recent research efforts to overcome interoperability problems in electronic business. It serves as a source of knowledge for researchers, educators, students, and industry practitioners to share and exchange their most current research findings, ideas, practices, challenges, and opportunities concerning electronic business interoperability.

Many bookstores offer numerous choices of books on Java Server Programming; however, most of these books are intricate and complex to grasp. So, what are your chances of picking up the right one? If this question has been troubling you, be rest assured now! This book, Java Server Programming: Java EE 5 (J2EE 1.5) Black Book, Platinum Edition, is a one-time reference book that covers all aspects of Java EE in an easy-to-understand approach for example, how an application server runs; how GlassFish Application server deploys a Java application; a complete know-how of design patterns, best practices, and design strategies; working with Java related technologies such as NetBeans IDE 6.0, Hibernate, Spring, and Seam frameworks; and proven solutions using the key Java EE technologies, such

as JDBC, Servlets, JSP, JSTL, RMI, JNDI, JavaMail, Web services, JCA, Struts, JSF, UML, and much more& All this, as the book explores these concepts with appropriate examples and executable applications no doubt, every aspect of the book is worth its price.

Records management helps users address evolving governance mandates to meet regulatory, legal, and fiduciary requirements. Proactive adherence to information retention policies and procedures is a critical facet of any compliance strategy. IBM® Enterprise Records helps organizations enforce centralized policy management for file plans, retention schedules, legal preservation holds, and auditing. IBM Enterprise Records enables your organization to securely capture, declare, classify, store, and dispose of electronic and physical records. In this IBM Redbooks® publication, we introduce the records management concept and provide an overview of IBM Enterprise Records. We address records management topics, including the retention schedule, file plan, records ingestion and declaration, records disposition, records hold, and Enterprise Records application programming interfaces (APIs). We also use a case study to describe step-by-step instructions to implement a sample records management solution using Enterprise Records. We provide concrete examples of how to perform tasks, such as file plan creation, records ingestion and declaration, records disposition, and records hold. This book helps you to understand the records management concept, the IBM Enterprise Records features and capabilities, and its use.

Book 2.0 is the second collection of public methodology white papers from the ISA-95/MESA Best Practices Working Group. The methodology white papers focus on applying the ISA-95 standards to accelerate the adoption of Manufacturing Operations Management (MOM) systems and the Manufacturing 2.0 Architecture (Mfg 2.0) approach. There is a focus on how to build a Manufacturing Transformation Strategy where manufacturers discover that using MOM systems combined with continuous improvement methods dramatically accelerate transformation and time-to-benefit. The business benefits from optimizing operations are realized by structuring plant workflows in ISA-95 models as a common definition foundation for Mfg 2.0 architecture. This enforces effective data structure, definition, integrity and governance across manufacturing applications. Book 2.0 explains how to implement ISA-95 workflow applications in Mfg 2.0 to execute operations tasks through the MOM and physical process levels while coordinating them to streamline plant operations and align those operations with ever-changing supply chain processes.

Our rapidly changing world has forced business practitioners, in corporation with academic researchers, to respond quickly and develop effective solution methodologies and techniques to handle new challenges in supply chain systems. Supply Chain Optimization, Management and Integration: Emerging Applications presents readers with a rich collection of ideas from researchers who are bridging the gap between the latest in information technology and supply chain management. This book includes theoretical, analytical, and empirical research, comprehensive reviews of relevant research, and case studies of effective applications in the field of SCM. The use of new technologies, methods, and techniques are emphasized by those who have worked with supply chain management across the world for those in the field of information systems.

This book is about running modern industrial enterprises with the help of information systems. Enterprise resource planning (ERP) is the core of business information processing. An ERP system is the backbone of most companies' information systems landscape. All major business processes are handled with the help of this system. Supply chain management (SCM) looks beyond the individual company, taking into account that enterprises are increasingly concentrating on their core competencies, leaving other activities to suppliers. With the growing dependency on the partners, effective supply chains have become as important for a company's success as efficient in-house processes. This book covers typical business processes and shows how these processes are implemented. Examples are presented using the leading systems on the market – SAP ERP and SAP SCM. In this way, the reader can understand how business processes are actually carried out "in the real world".

The Java EE 7 Tutorial: Volume 1, Fifth Edition, is a task-oriented, example-driven guide to developing enterprise applications for the Java Platform, Enterprise Edition 7 (Java EE 7). Written by members of the Java EE documentation team at Oracle, this book provides new and intermediate Java programmers with a deep understanding of the platform. This guide includes descriptions of platform features and provides instructions for using the latest versions of NetBeans IDE and GlassFish Server Open Source Edition. The book introduces platform basics, including resource creation, resource injection, and packaging. It covers JavaServer Faces, Java Servlets, the Java API for WebSocket, the Java API for JSON Processing (JSON-P), internationalization and localization, Bean Validation, Contexts and Dependency Injection for Java EE (CDI), and web services (JAX-WS and JAX-RS).

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

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

A guide to help readers meet the demands of an evolving competitive business environment, Modeling of Responsive Supply Chain outlines novel concepts and strategies for implementing a fully integrated system of business improvement methodologies. This self-contained reference covers various key aspects of supply chain management, which is crucial to boosting industrial growth in the face of expanding globalization in the manufacturing and transportation sectors. The book focuses on topics that could potentially improve the free flow of goods and services between nations by helping users assess the performance of logistic systems deployed to achieve this end. Chapters present a conventional and evolutionary approach to coordinating all elements of the supply chain to optimize an enterprise's competitive advantage. The authors explore different models associated with transportation, facility location, and assignments, as well as planning and scheduling. They also address diverse technologies, such as RFID tags used to monitor product flow within the supply chain network. This book addresses the importance of: Recognizing responsiveness as a metric of supply chain performance Domain interfaces for solving the optimization problem by making supply chains more responsive Coordination through contracts to enhance responsiveness System dynamics methodology to achieve responsiveness, as well as management principles, control theory, and computer simulation The use of different types of technologies to build a better supply chain that achieves higher responsiveness Few, if any, single volumes provide the detailed explanation of practical and conceptual approaches found in this book. It covers the entire spectrum of topics and will be equally useful as a reference for scholars and graduate students and as a compendium for practitioners dealing with real-life problems in contemporary supply chain management.

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms. Beginning Java EE 7 is the first tutorial book on Java EE 7. Step by step and easy to follow, this book describes many of the Java EE 7 specifications and reference implementations, and shows them in action using practical examples. This definitive book also uses the newest

version of GlassFish to deploy and administer the code examples. Written by an expert member of the Java EE specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies. What you'll learn Get started with the latest version of the Java EE Platform. Explore and use the EJB and JPA APIs from entities to session beans to message driven beans, and more. Discover web tier development APIs including JSF, Facelets and Expression Language. Uncover SOAP web services, RESTful web services, and more available in this latest Java EE. Create dynamic user interfaces for your enterprise and transactional Java applications. Who this book is for This book is for Java or Spring programmers with some experience and those new to Java EE platform. Architects will also find information about how to layer their Java EE applications. Table of Contents Java EE 7 Environment Context and Dependency Injection Bean Validation Java Persistence API Object-Relational Mapping Managing Persistent Object Enterprise Java Beans Callbacks, Timer Service, and Authorization Interceptors and Transactions JavaServer Faces Processing and Navigation XML and JSON Messaging SOAP Web Services RESTful Web Service

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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

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