Java RMI Designing Building Distributed Applications JAVA SERIES

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Computational Science — ICCS 2004 - Marian Bubak 2004-05-12
The International Conference on Computational Science (ICCS 2004) held in Krak′ow, Poland, June 6–9, 2004, was a follow-up to the highly successful ICCS 2003 held at two locations, in Melbourne, Australia and St. Petersburg, Russia; ICCS 2002 in Amsterdam, The Netherlands; and ICCS 2001 in San Francisco, USA. As computational science is still evolving in its quest for subjects of inves- gation and e?cient methods, ICCS 2004 was devised as a forum for scientists from mathematics and computer science, as the basic computing disciplines and application areas, interested in advanced computational methods for physics, chemistry, life sciences, engineering, arts and humanities, as well as computer system vendors and software developers. The main objective of this conference was to discuss problems and solutions in all areas, to identify new issues, to shape future directions of research, and to help users apply various advanced computational techniques. The event harvested recent developments in com- tationalgridsandnextgenerationcomputingsystems,tools,advancednumeri cal methods, data-driven systems, and novel application ?elds, such as complex - stems, ?nance, econo-physics and population evolution.
Performance Problem Diagnostics by Systematic Experimentation - Wert, Alexander 2018-03-29

Parallel Computing - Roman Trobec 2009-06-18
The use of parallel programming and architectures is essential for simulating and solving problems in modern computational practice. There has been rapid progress in microprocessor architecture, interconnection technology and software devel- ment, which are in?uencing directly the rapid growth of parallel and distributed computing. However, in order to make these bene?ts usable in practice, this dev- opment must be accompanied by progress in the design, analysis and application aspects of parallel algorithms. In particular, new approaches from parallel num- ics are important for solving complex computational problems on parallel and/or distributed systems. The contributions to this book are focused on topics most concerned in the trends of today's parallel computing. These range from parallel algorithmics, progr- ming, tools, network computing to future parallel computing. Particular attention is paid to parallel numerics: linear algebra, differential equations, numerical integ- tion, number theory and their applications in computer simulations, which together form the kernel of the monograph. We expect that the book will be of interest to scientists working on parallel computing, doctoral students, teachers, engineers and mathematicians dealing with numerical applications and computer simulations of natural phenomena.

Intelligent Knowledge-Based Systems - Cornelius T. Leondes 2010-04-28
This five-volume set clearly manifests the great significance of these key technologies for the new economies of the new millennium. The discussions provide a wealth of practical ideas intended to foster innovation in thought and, consequently, in the further development of technology. Together, they comprise a significant and uniquely comprehensive reference source for research workers, practitioners, computer scientists, academics, students, and others on the international scene for years to come.

Rapid Java Application Development Using Sun ONE Studio 4 - Y. Daniel Liang 2003
This book introduces advanced Java programming with the tool Forte. Comprehensive and incremental, this book focuses on rapid Java application development. Representative examples, carefully chosen and presented in an easy-to-follow style teaches application development. Each example is described, and includes the source code, a sample run, and an example review. Covers advanced Java programming on JavaBeans, Bean event model, model-view architecture, developing customized components, Swing components, creating custom layout managers, Bean persistence, bound properties and constraint properties, Bean introspection and customization, Java database programming, and distributed programming using remote method invocation and Java Servlets. The early chapters introduce JavaBeans—the basis of rapid Java application development; while subsequent chapters apply-step-by-step-rapid application development techniques to build comprehensive, robust and useful graphics applications, RMI, and Java servlets. For software engineers, graphical designers, and programmers interested in advanced Java programming or rapid Java application development.

Building Web Applications with UML - Jim Conallen 2003
Conallen introduces architects and designers and client/server systems to issues and techniques of developing software for the Web. He expects readers to be familiar with object-oriented principles and concepts, particularly with UML (unified modeling language), and at least one Web

application architecture or environment. The second edition incorporates both technical developments and his experience since 1999. He does not provide a bibliography. Annotation copyrighted by Book News, Inc., Portland, OR

Java Distributed Computing - Jim Farley 1998-01-01
Distributed computing and Java go together naturally. As the first language designed from the bottom up with networking in mind, Java makes it very easy for computers to cooperate. Even the simplest applet running in a browser is a distributed application, if you think about it. The client running the browser downloads and executes code that is delivered by some other system. But even this simple applet wouldn't be possible without Java's guarantees of portability and security: the applet can run on any platform, and can't sabotage its host.Of course, when we think of distributed computing, we usually think of applications more complex than a client and server communicating with the same protocol. We usually think in terms of programs that make remote procedure calls, access remote databases, and collaborate with others to produce a single result. Java Distributed Computing discusses how to design and write such applications. It covers Java's RMI (Remote Method Invocation) facility and CORBA, but it doesn't stop there; it tells you how to design your own protocols to build message passing systems and discusses how to use Java's security facilities, how to write multithreaded servers, and more. It pays special attention to distributed data systems, collaboration, and applications that have high bandwidth requirements.In the future, distributed computing can only become more important.Java Distributed Computing provides a broad introduction to the problems you'll face and the solutions you'll find as you write distributed computing applications.Topics covered in Java Distributed Computing: Introduction to Distributed Computing Networking Basics Distributed Objects (Overview of CORBA and RMI) Threads Security Message Passing Systems Distributed Data Systems (Databases) Bandwidth Limited Applications Collaborative Systems

J2EE Security for Servlets, EJBs and Web Services - Pankaj Kumar 2004

- Explains security concepts in simple terms and relates these to standards, Java APIs, software products and day-to-day job activities of programmers. - Written by a practitioner who participated in the development of a J2EE App Server and Web Services Platform at HP. - Applied security measures demonstrated on Java APIs - a unique feature of the book.

Scientific Engineering for Distributed Java Applications - Nicolas Guelfi 2003-02-25
This book constitutes the thoroughly refereed postproceedings of the International Workshop on Scientific Engineering for Distributed Java Applications, FIDJI 2002, held in Luxembourg-Kirchberg, Luxembourg in November 2002. The 16 revised full papers presented together with a keynote paper and 3 abstracts were carefully selected from 33 submissions during two rounds of reviewing and improvement. Among the topics addressed are Java coordination, Web service architectures, transaction models, CORBA-based distributed systems, mobile objects, Java group toolkits, distributed process management systems, active objects in J2EE, Java frameworks, Jini, component-based distributed applications, Java middleware, fault-tolerant mobile systems.

Embedded Systems Design - Bruno Bouyssounouse 2005-02-07
Embedded systems now include a very large proportion of the advanced products designed in the world, spanning transport (avionics, space, automotive, trains), electrical and electronic appliances (cameras, toys, televisions, home appliances, audio systems, and cellular phones), process control (energy production and distribution, factory automation and optimization), telecommunications (satellites, mobile phones and telecom networks), and security (e-commerce, smart cards), etc. The extensive and increasing use of embedded systems and their integration in everyday products marks a significant evolution in information science and technology. We expect that within a short timeframe embedded systems will be a part of nearly all equipment designed or manufactured in Europe, the USA, and Asia. There is now a strategic shift in emphasis for embedded systems designers: from simply achieving feasibility, to achieving optimality. Optimal design of embedded systems means targeting a given market segment at the lowest cost and delivery time possible. Optimality implies seamless integration with the physical and electronic environment while respecting real-world constraints such as hard deadlines, reliability, availability, robustness, power consumption, and cost. In our view, optimality can only be achieved through the emergence of embedded systems as a discipline in its own right.

Smart Card Programming and Security - Isabelle Attali 2003-08-06
This book constitutes the refereed proceedings of the Second International Conference on Research in Smart Cards, E-smart 2001, held in Cannes, France, in September 2001. The 20 revised full papers presented were carefully reviewed and selected from 38 submissions. Among the topics addressed are biometrics, cryptography and electronic signatures on smart card security, formal methods for smart card evaluation and certification, architectures for multi-applications and secure open platforms, and middleware for smart cards and novel applications of smart cards.

Fundamental Networking in Java - Esmond Pitt 2005-10-10
The book provides complete coverage of fundamental IP networking in Java. It introduces the concepts behind TCP/IP and UDP and their intended use and purpose; gives complete coverage of Java networking APIs, includes an extended discussion of advanced server design, so that the various design principles and tradeoffs concerned are discussed and equips the reader with analytic queuing-theory tools to evaluate design alternatives; covers UDP multicasting, and covers multi-homed hosts, leading the reader to understand the extra programming steps and design considerations required in such environments. After reading this book the reader will have an advanced knowledge of fundamental network design and programming concepts in the Java language, enabling them to design and implement distributed applications with advanced features and to predict their performance. Special emphasis is given to the scalable I/O facilities of Java 1.4 as well as complete treatments of multi-homing and UDP both unicast and multicast.

The Java Tutorial Continued - Mary Campione 1999
This book is a collection of tutorials written by Java Team members --

experts who are the authority in their areas of the Java platform. This book is a self-paced, example-driven tutorial approach to JDK 1.2 hot topics. You'll find coverage of new topics such as collections, internationalization, advanced 2D graphics, sound, JavaBeans, security, servlets, JDBC, IDL, RMI, JAR, standard extensions, JNI, reflection and reference objects. The CD itself is a gold mine! It contains this book and The Java Tutorial Second Edition in HTML format plus a combined index and JDK 1.2.
Java Report - 2001

Advanced Lectures on Networking - Enrico Gregori 2003-08-02
This book presents the revised version of seven tutorials given at the NETWORKING 2002 Conference in Pisa, Italy in May 2002. The lecturers present a coherent view of the core issues in the following areas: - peer-to-peer computing and communications - mobile computing middleware - network security in the multicast framework - categorizing computing assets according to communication patterns - remarks on ad-hoc networking - communication through virtual technologies - optical networks.
RESTful Java with JAX-RS 2.0 - Bill Burke 2013-11-12
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

The C++ Report - 1999

Journal of Object-oriented Programming - 2000

Java Server Programming J2Ee 1.4 Ed. Black Book - Dreamtech Software Team 2005-12-23
This book, Java Server Programming (J2EE 1.4) Black Book, 2007 (Platinum Edition), is the one-time reference and solid introduction that covers all aspects of J2EE in an easy-to-understand approach - how an application server runs; how an application server deploys (easily and graphically); a complete know-how on design patterns, best practices, design strategies; Hibernate and Spring framework and proven solutions using the key J2EE technologies. · Introducing J2EE· Introducing Web Containers· JDBC and Database Programming· Understanding Servlet Programming· Understanding Servlet Sessions· Understanding of JSP and JSTL· Introducing RMI· Understanding Directory Services and JNDI· Understanding EJB· EJB Best Practices· Core J2EE Design Patterns· Filters in Web Application· J2EE Application Deployment and Authentication· Understanding JavaMail· Enterprise Java Web Services· Understanding JMX· J2EE Connector Architecture· Understanding Struts· JavaServer Faces· Hibernate· Introduction to the Spring Framework· Understanding XML Documents· Introduction to UML Notations
Parallel Processing and Applied Mathematics - Roman Wyrzykowski 2004-04-14
It is our pleasure to provide you with the volume containing the proceedings of the 5th International Conference on Parallel Processing and Applied Mathe- tics, which was held in Cz̨estochowa, a Polish city famous for its Jasna Gora Monastery, on September 7–10, 2003. The ?rst PPAM conference was held in 1994 and was organized by the Institute of Mathematics and Computer Science of the Cz̨estochowa University of

Technology in its hometown. The main idea behind the event was to provide a forum for researchers involved in applied and computational mathematics and parallel computing to exchange ideas in a relaxed atmosphere. Conference organizers hoped that this arrangement would result in cross-pollination and lead to successful research collaborations. In - dition, they hoped that the initially mostly Polish conference would grow into an international event. The fact that these assumptions were correct was proven by the growth of the event. While the ?rst conference consisted of 41 presen- tions, the conference reached 150 participants in Na lॖ ecz´ ow in 2001. In this way the PPAM conference has become one of the premiere Polish conferences, and de?nitely the most important one in the area of parallel/distributed computing andappliedmathematics. This year's meeting gathered almost 200 participants from 32 countries. A strict refereeing process resulted in the acceptance of approximately 150 cont- buted presentations, while the rejection rate was approximately 33%.

Rapid Java Application Development Using JBuilder 3 - Y. Daniel Liang 2000
Comprehensive and incremental, this text focuses on rapid Java application development. The early chapters introduces JavaBeans-the basis of rapid Java application development; while subsequent chapters apply-step-by-step- rapid application development techniques to build comprehensive, robust and useful graphics applications, database and client/server applications, and distributed applications.
Distributed Computing in Java 9 - Raja Malleswara Rao Pattamsetti 2017-06-30
Explore the power of distributed computing to write concurrent, scalable applications in Java About This Book Make the best of Java 9 features to write succinct code Handle large amounts of data using HPC Make use of AWS and Google App Engine along with Java to establish a powerful remote computation system Who This Book Is For This book is for basic to intermediate level Java developers who is aware of object-oriented programming and Java basic concepts. What You Will Learn Understand the basic concepts of parallel and distributed computing/programming

Achieve performance improvement using parallel processing, multithreading, concurrency, memory sharing, and hpc cluster computing Get an in-depth understanding of Enterprise Messaging concepts with Java Messaging Service and Web Services in the context of Enterprise Integration Patterns Work with Distributed Database technologies Understand how to develop and deploy a distributed application on different cloud platforms including Amazon Web Service and Docker CaaS Concepts Explore big data technologies Effectively test and debug distributed systems Gain thorough knowledge of security standards for distributed applications including two-way Secure Socket Layer In Detail Distributed computing is the concept with which a bigger computation process is accomplished by splitting it into multiple smaller logical activities and performed by diverse systems, resulting in maximized performance in lower infrastructure investment. This book will teach you how to improve the performance of traditional applications through the usage of parallelism and optimized resource utilization in Java 9. After a brief introduction to the fundamentals of distributed and parallel computing, the book moves on to explain different ways of communicating with remote systems/objects in a distributed architecture. You will learn about asynchronous messaging with enterprise integration and related patterns, and how to handle large amount of data using HPC and implement distributed computing for databases. Moving on, it explains how to deploy distributed applications on different cloud platforms and self-contained application development. You will also learn about big data technologies and understand how they contribute to distributed computing. The book concludes with the detailed coverage of testing, debugging, troubleshooting, and security aspects of distributed applications so the programs you build are robust, efficient, and secure. Style and approach This is a step-by-step practical guide with real-world examples.
The Development of Component-based Information Systems - Sergio de Cesare 2015-05-15
This work provides a comprehensive overview of research and practical issues relating to component-based development information systems

(CBIS). Spanning the organizational, developmental, and technical aspects of the subject, the original research included here provides fresh insights into successful CBIS technology and application. Part I covers component-based development methodologies and system architectures. Part II analyzes different aspects of managing component-based development. Part III investigates component-based development versus commercial off-the-shelf products (COTS), including the selection and trading of COTS products.

Conducting the Web Designer Job Interview - Janet Burleson 2004
Provides a set of interview questions and answers to access the technical knowledge and characteristics of candidates applying for a position as a Web site designer.

Mastering RMI - Rickard Öberg 2001-03-07
Explains how to use RMI (Remote Method Invocation) technology to create powerful, enterprise-strength applications in Java and EJB, discussing the essential functions of RMI technology, providing a hands-on tutorial that provides real-world examples that can be customized for individual use, and including complete working code on the companion CD-ROM. Original. (Intermediate/Advanced)

Creating Value-Added Services and Applications for Converged Communications Networks - Johan Zuidweg 2015-03-01
This resource provides a comprehensive survey of current and emerging intelligent telecommunications networks, including underlying software, implementation, deployment, and standards. Readers are given an overview of new technologies and standards that allow operators and service providers to create and deploy value-added services in a changing world increasingly dominated by packet switched networks using the internet protocol (IP). The main goal of this book is to inform telecommunications engineers, ICT managers, and students about building applications and services over communications networks and managing them.

Development of Component-based Information Systems - Sergio De Cesare 2006
Annotation This work provides a comprehensive overview of research

and practical issues relating to component-based information systems (CBIS). Spanning the organizational, developmental, and technical aspects of the subject, the original research included here provides fresh insights into successful CBIS technology and application, including the selection and trading of commercial off-the shelf products (COTS).

Distributed Applications and Interoperable Systems - René Meier 2008-05-27
This volume contains the proceedings of DAIS 2008, the 8th IFIP International Conference on Distributed Applications and Interoperable Systems. The conf- ence was held in Oslo, Norway during June 4–6, 2008 as part of the DisCoTec (Distributed Object Techniques) federated conference, in conjunction with the 10th International Conference on Coordination Models and Languages (COOR- DINATION) and the 10th IFIP International Conference on Formal Methods for Open Object-Based Distributed Systems (FMOODS). The conference was sponsored by IFIP (International Federation for Information Processing) and was organized by the IFIP Working Group 6.1. Distributed applications and interoperable systems have become an integral part of everyday living and hence part of the socio-economic ecosystem of our humanenvironment.Withsuchpervasivedistributionofsoftwaresystemsacross a multitude of heterogeneous environments and user domains, distributed app- cations must support seamless provision of services, as well as service evolution and adaptability to ensure long-term sustainability. This support must go - yond the provision of individual services in isolation, towards systems in which such services can interoperate and be integrated into the everyday environment catering for the changing needs of their users.

Enterprise Integration Patterns - Gregor Hohpe 2012-03-09
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.

Local Area Network Handbook, Sixth Edition - John P. Slone 2020-11-26
Today's enterprise cannot effectively function without a network, and today's enterprise network is almost always based on LAN technology. In a few short years, LANs have become an essential element of today's business environment. This time in the spotlight, while well deserved, has not come without a price. Businesses now insist that LANs deliver vast and ever-increasing quantities of business-critical information and that they do it efficiently, flawlessly, without fail, and most of all, securely. Today's network managers must consistently deliver this level of performance, and must do so while keeping up with ever changing, ever increasing demands without missing a beat. At the same time, today's IT managers must deliver business-critical information systems in an environment that has undergone radical paradigm shifts in such widely varied fields as computer architecture, operating systems, application development, and security. The Local Area Networks Handbook focuses on this collective environment, in which networking and information technology work together to create LAN-based enterprise networks. Topics have been selected and organized with this in mind, providing both depth and breadth of coverage. The handbook will provide you not only an understanding of how LANs work and how to go about selecting and implementing LAN products, but also of how to leverage LAN capabilities for the benefit of your enterprise.

Java RMI - William Grosso 2002
If you're a distributed Java or Enterprise JavaBeans programmer, then you've undoubtedly heard of Java's Remote Method Invocation (RMI). Java programmers use RMI to write efficient, fault-tolerant distributed applications with very little time or effort. Whether you're networking across a LAN or across the Internet, RMI provides Java programmers with a lightweight solution to a heavyweight problem. Java RMI contains a wealth of experience in designing and implementing applications that use Remote Method Invocation. Novice readers will quickly be brought up to speed on why RMI is such a powerful yet easy-to-use tool for distributed programming, while experts can gain valuable experience for constructing their own enterprise and distributed systems. The book also provides strategies for working with: Serialization, Threading, The RMI registry, Sockets and socket factories, Activation, Dynamic class downloading, HTTP tunnelling, Distributed garbage collection, JNDI, CORBA. In short, a treasure trove of valuable RMI knowledge packed into one book!

Distributed Network Systems - Weijia Jia 2006-06-14
Both authors have taught the course of "Distributed Systems" for many years in the respective schools. During the teaching, we feel strongly that "Distributed systems" have evolved from traditional "LAN" based distributed systems towards "Internet based" systems. Although there exist many excellent textbooks on this topic, because of the fast development of distributed systems and network programming/protocols, we have difficulty in finding an appropriate textbook for the course of "distributed systems" with orientation to the requirement of the undergraduate level study for today's distributed technology. Specifically, from - to-date concepts, algorithms, and models to implementations for both distributed system designs and application programming. Thus the philosophy behind this book is to integrate the concepts, algorithm designs and implementations of distributed systems based on network programming. After using several materials of other textbooks and research books, we found that many texts treat the distributed systems with separation of concepts, algorithm design and

network programming and it is very difficult for students to map the concepts of distributed systems to the algorithm design, prototyping and implementations. This book intends to enable readers, especially postgraduates and senior undergraduate level, to study up-to-date concepts, algorithms and network programming skills for building modern distributed systems. It enables students not only to master the concepts of distributed network system but also to readily use the material introduced into implementation practices.

Enterprise Software Architecture and Design - Dominic Duggan 2012-01-12
This book fills a gap between high-level overview texts that areoften too general and low-level detail oriented technical handbooksthat lose sight the "big picture". This book discusses SOAfrom the low-level perspective of middleware, various XML-basedtechnologies, and basic service design. It also examinesbroader implications of SOA, particularly where it intersects withbusiness process management and process modeling. Concreteoverviews will be provided of the methodologies in those fields, sothat students will have a hands-on grasp of how they may be used inthe context of SOA.

Network World - 1996-04-15
For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Designing Enterprise Applications with the J2EE Platform - Inderjeet Singh 2002
Following her widely acclaimedAutobiography of Red("A spellbinding achievement" --Susan Sontag), a new collection of poetry and prose that displays Anne Carson's signature mixture of opposites--the classic and the modern, cinema and print, narrative and verse. InMen in the Off Hours, Carson reinvents figures as diverse as Oedipus, Emily Dickinson, and Audubon. She views the writings of Sappho, St. Augustine, and Catullus through a modern lens. She sets up startling juxtapositions (Lazarus among video paraphernalia; Virginia Woolf and Thucydides discussing war). And in a final prose poem, she meditates on the recent death of her mother. With its quiet, acute spirituality, its fearless wit and sensuality, and its joyful understanding that "the fact of the matter for humans is imperfection,"Men in the Off Hoursshows us "the most exciting poet writing in English today" (Michael Ondaatje) at her best. From the Hardcover edition.

Object Magazine - 1998

On the Move to Meaningful Internet Systems 2003 - R. Meersman 2003-10-30
This book constitutes the joint refereed proceedings of the three confederated conferences, CoopIS 2003, DOA 2003, and ODBASE 2003, held in Catania, Sicily, Italy, in November 2003. The 95 revised full papers presented were carefully reviewed and selected from a total of 360 submissions. The papers are organized in topical sections on information integration and mediation, Web services, agent systems, cooperation and evolution, peer-to-peer systems, cooperative systems, trust management, workflow systems, information dissemination systems, data management, the Semantic Web, data mining and classification, ontology management, temporal and spatial data, data semantics and metadata, real-time systems, ubiquitous systems, adaptability and mobility, systems engineering, software engineering, and transactions.

Strategic Production Networks - Li Zheng 2013-06-05
Implementing co-operative production networks to secure and foster future competitiveness on the global market is a major strategic target for many small- and medium-sized enterprises. The text starts begins with a look at strategic management before moving onto operational product development and operations execution, and in doing so provides a detailed overview of the different key issues of setting up strategic production networks. Management concepts, the required information

technology as well as best practices are introduced and discussed by leading researchers from Germany, Switzerland and China. The book is ideally suited for managers responsible for setting up global or regional co-operative production networks as well as researchers and students.

Engineering Distributed Objects - Wolfgang Emmerich 2003-06-29 This book constitutes the thoroughly refereed post-proceedings of the Second International Workshop on Engineering Distributed Objects, EDO 2000, held in November 2000 in Davis, California, USA.The 15 revised full papers presented together with session surveys were carefully reviewed and selected from 30 submissions. The book presents topical sections on middleware selection, resource management, architectural reasoning, distributed communication, advanced transactions, and service integration.

Java Programming with CORBA - Gerald Brose 2001-07-05 The leading guide for Java developers who build businessapplications with CORBA Acknowledged experts present advanced techniques and real-worldexamples for building both simple and complex programs using Javawith CORBA. The authors begin with a quick overview of CORBA, Java,object request brokers (ORBs), and EJB components, then quicklymove on to show how to use them to build complete Javaapplications. This new volume features in-depth code examples, aswell as expanded coverage of cutting-edge topics, includingPortable Object Adaptor (POA), Remote Method Invocation (RMI) overIIOP, and EJB.