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KEY=SYSTEMS - JIMENEZ EVELYN

Distributed Systems Concepts and Design Pearson Education **Provides a broad and up-to-date account of the principles and practice of distributed system design. DISTRIBUTED OPERATING SYSTEMS CONCEPTS AND DESIGN** PHI Learning Pvt. Ltd. **The highly praised book in communications networking from IEEE Press, now available in the Eastern Economy Edition.This is a non-mathematical introduction to Distributed Operating Systems explaining the fundamental concepts and design principles of this emerging technology. As a textbook for students and as a self-study text for systems managers and software engineers, this book provides a concise and an informal introduction to the subject. Concepts for Distributed Systems Design** Springer Science & Business Media **This book is written for computer programmers, analysts and scientists, as well as computer science students, as an intro duction to the principles of distributed system design. The emphasis is placed on a clear understanding of the concepts, rather than on details; and the reader will learn about the struc ture of distributed systems, their problems, and approaches to their design and development. The reader should have a basic knowledge of computer systems and be familiar with modular design principles for software development. He should also be aware of present-day remote-access and distributed computer applications. The book consists of three parts which deal with prin ciples of distributed systems, communications architecture and protocols, and formal description techniques. The first part serves as an introduction to the broad meaning of "distributed system". We give examples, try to define terms, and discuss the problems that arise in the context of parallel and distributed processing. The second part presents the typical layered protocol architecture of distributed systems, and discusses problems of compatibility and interworking between heterogeneous computer systems. The principles of the lower layer functions and protocols are explained in some detail, including link layer protocols and network transmission services. The third part deals with specification issues. The role of specifications in the design of distributed systems is explained in general, and formal methods for the specification, analysis and implementation of distributed systems are discussed. Value Pack Distributed Systems:Concepts and Design with Computer Networking and the Internet** Addison-Wesley **Distributed Network Systems From Concepts to Implementations** Springer Science & Business Media **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. Intelligent Knowledge-Based Systems Business and Technology in the New Millennium** Springer Science & Business Media **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. Operating Systems (Self Edition 1.1.Abridged) (See other editions at https://books.google.com/books/?id=zSbxCwAAQBAJ and decide one)** Sibsankar Haldar **Some previous editions of this book were published from Pearson Education (ISBN 9788131730225). This book, designed for those who are taking introductory courses on operating systems, presents both theoretical and practical aspects of modern operating systems. Although the emphasis is on theory, while exposing you (the reader) the subject matter, this book maintains a balance between theory and practice. The theories and technologies that have fueled the evolution of operating systems are primarily geared towards two goals: user convenience in maneuvering computers and efficient utilization of hardware resources. This book also discusses many fundamental concepts that have been formulated over the past several decades and that continue to be used in many modern operating systems. In addition, this book also discusses those technologies that prevail in many modern operating systems such as UNIX, Solaris, Linux, and Windows. While the former two have been used to present many in-text examples, the latter two are dealt with as separate technological case studies. They highlight the various issues in the design and development of operating systems and help you correlate theories to technologies. This book also discusses Android exposing you a modern software platform for embedded devices. This book supersedes ISBN 9788131730225 and its other derivatives, from Pearson Education India. (They have been used as textbooks in many schools worldwide.) You will definitely love this self edition, and you can use this as a textbook in undergraduate-level operating systems courses. Distributed Autonomous Robotic Systems 2** Springer Science & Business Media **Great interest is now focused on distributed autonomous robotic systems (DARS) as a new strategy for the realization of flexible, robust, and intelligent robots. Inspired by autonomous, decentralized, and self-organizing biological systems, the field of DARS encompasses broad interdisciplinary technologies related not only to robotics and computer engineering but also to biology and psychology. The rapidly growing interest in this new area of research was manifest in the first volume of Distributed Autonomous Robotic Systems, published in 1994. This second volume in the series presents the most recent work by eminent researchers and includes such topics as multirobot control, distributed robotic systems design, self-organizing systems, and sensing and navigation for cooperative robots. Distributed Autonomous Robotic Systems 2 is a valuable source for those whose work involves robotics and will be of great interest to those in the fields of artificial intelligence, self-organizing systems, artificial life, and computer science. Progress in Distributed Operating Systems and Distributed Systems Management European Workshop, Berlin, FRG, April 18/19, 1989, Proceedings** Springer Science & Business Media **A selection of papers presented at a workshop on distributed operating systems and management of distributed systems. The papers focus on the illustration of existing concepts and solutions in distributed systems research and development and include case study analyses. Engineering Distributed Objects ... International Workshop ; Revised Papers. Davis, CA, USA, November 2-3, 2000** Springer Science & Business Media **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. Emerging Solutions for Future Manufacturing Systems IFIP TC 5 / WG 5.5. Sixth IFIP International Conference on Information Technology for Balanced Automation Systems in Manufacturing and Services, 27-29 September 2004, Vienna, Austria** Springer **Industries and particularly the manufacturing sector have been facing difficult challenges in a context of socio-economic turbulence characterized by complexity as well as the speed of change in causal interconnections in the socio-economic environment. In order to respond to these challenges companies are forced to seek new technological and organizational solutions. In this context two main characteristics emerge as key properties of a modern automation system – agility and distribution. Agility because systems need not only to be flexible in order to adjust to a number of a-priori defined scenarios, but rather must cope with unpredictability. Distribution in the sense that automation and business processes are becoming distributed and supported by collaborative networks. Emerging Solutions for Future Manufacturing Systems includes the papers selected for the BASYS'04 conference, which was held in Vienna, Austria in September 2004 and sponsored by the International Federation for Information Processing (IFIP). Scientific Engineering of Distributed Java Applications 4th International Workshop, FIDJI 2004, Luxembourg-Kirchberg, Luxembourg, November 24-25, 2004, Revised Selected Papers** Springer Science & Business Media **This book constitutes the thoroughly refereed post-proceedings of the 4th International Workshop on Scientific Engineering of Distributed Java Applications, FIDJI 2004, held in Luxembourg-Kirchberg, Luxembourg in November 2004. The 11 revised full papers presented together with the abstracts of 2 keynote talks and 1 tutorial were carefully selected during two rounds of reviewing and improvement. Among the topics covered are the design of distributed applications; development of reliable and secure distributed systems; software architectures, frameworks, and design patterns; formal methods; model driven software development; Web services; mobility; component-based distributed systems; exceptional handling; UML statecharts; and embedded software. Distributed Systems Concepts and Design** Addison-Wesley Longman **"[This] book aims to provide an understanding of the principles on which the Internet and other distributed systems are based; their architecture, algorithms and design; and how they meet the demands of contemporary distributed applications."--p. xii. Solar Energy Update Pro WCF 4 Practical Microsoft SOA Implementation** Apress **Pro WCF 4.0: Practical Microsoft SOA Implementation is a complete guide to Windows Communication Foundation from the service-oriented architecture (SOA) perspective, showing you why WCF is important to service-oriented architecture and development. This book provides deep insight into the functionality of WCF, which shipped with .NET 4.0-like service discovery, routing service, simplified configuration, and other advanced features. Included in this title are informative examples that will aid the reader in understanding and implementing these important additions. This book also covers the unified programming model, reliable messaging, security, and the peer-to-peer programming model. You'll also learn how to move your current .NET remoting and web service applications to WCF, and how to integrate those applications with WCF 4. This book offers genuine insight into solving real enterprise problems using WCF and .NET 4.0. Technical Abstract Bulletin Scientific and Technical Aerospace Reports Proceedings of the Fourth Workshop on Future Trends of Distributed Computing Systems, September 22-24, 1993, Lisbon, Portugal Integrated Network Management IV Proceedings of the fourth international symposium on integrated network management, 1995** Springer **Integrated network management plays a pivotal role in establishing and maintaining an efficient worldwide information infrastructure. This volume presents a state-of-the-art review**

of the latest worldwide research results covering this topic. The book contains the selected proceedings of the fourth International Symposium on Integrated Network Management, arranged by the International Federation for Information Processing and jointly sponsored by the IEEE. The Symposium was held in Santa Barbara, California, May 1995. Intelligent Distributed Computing III Proceedings of the 3rd International Symposium on Intelligent Distributed Computing – IDC 2009, Ayia Napa, Cyprus, October 2009 Springer Intelligent computing covers a hybrid palette of methods and techniques - rived from classical arti?cial intelligence, computational intelligence, multi-agent systems a.o. Distributed computing studies systems that contain loosely-coupled components running on networked computers and that c- municateandcoordinatetheiractionsbyexchangeofmessages.Theemergent ?eld of intelligent distributed computing is expected to pose special ch- lenges of adaptation and fruitful combination of results of both areas with a great impact on the development of new generation intelligent distributed information systems. Intelligent Distributed Computing – IDC Symposium Series was started as an initiative of research groups from: (i) Systems Research Institute, P- ish Academy of Sciences in Warsaw, Poland and (ii) Software Engineering Department of the University of Craiova, Craiova, Romania. IDC aims at bringing together researchers and practitioners involved in all aspects of - telligent distributed computing. IDC 2009 was the third event in this series and was hosted by Department of Computer Science, University of Cyprus in Ayia Napa, Cyprus during October 13-14, 2009. Distributed Systems Concepts and Design Addison Wesley Publishing Company The new edition of this bestselling title on Distributed Systems has been thoroughly revised throughout to reflect the state of the art in this rapidly developing field. It emphasizes the principles used in the design and construction of distributed computer systems based on networks of workstations and server computers. National Solar Energy Research, Development, and Demonstration Program--definition Report. Solar Energy Research, Development, and Demonstration Act of 1974. Oversight Hearings Hearings Before the Subcommittee on Energy Research, Development and Demonstration of the Committee on Science and Technology, U.S. House of Representatives, Ninety-fourth Congress, First Session, July 16, 1975 Distributed Platforms Proceedings of the IFIP/IEEE International Conference on Distributed Platforms: Client/Server and Beyond: DCE, CORBA, ODP and Advanced Distributed Applications Springer Client/Server applications are of increasing importance in industry, and have been improved by advanced distributed object-oriented techniques, dedicated tool support and both multimedia and mobile computing extensions. Recent responses to this trend are standardized distributed platforms and models including the Distributed Computing Environment (DCE) of the Open Software Foundation (OS F), Open Distributed Processing (ODP), and the Common Object Request Broker Architecture (CORBA) of the Object Management Group (OMG). These proceedings are the compilation of papers from the technical stream of the IFIPIIEEE International Conference on Distributed Platforms, Dresden, Germany. This conference has been sponsored by IFIP TC6.1, by the IEEE Communications Society, and by the German Association of Computer Science (GI -Gesellschaft fur Informatik). ICDP'96 was organized jointly by Dresden University of Technology and Aachen University of Technology. It is closely related to the International Workshop on OSF DCE in Karlsruhe, 1993, and to the IFIP International Conference on Open Distributed Processing. ICDP has been designed to bring together researchers and practitioners who are studying and developing new methodologies, tools and technologies for advanced client/server environ ments, distributed systems, and network applications based on distributed platforms. Introduction to Ultra-Wideband Radar Systems CRC Press This introductory reference covers the technology and concepts of ultra-wideband (UWB) radar systems. It provides up-to-date information for those who design, evaluate, analyze, or use UWB technology for any application. Since UWB technology is a developing field, the authors have stressed theory and hardware and have presented basic principles and concepts to help guide the design of UWB systems. Introduction to Ultra-Wideband Radar Systems is a comprehensive guide to the general features of UWB technology as well as a source for more detailed information. Distributed Computing and Artificial Intelligence 7th International Symposium Springer Science & Business Media The International Symposium on Distributed Computing and Artificial Intel- gence (DCAI´10) is an annual forum that brings together past experience, current work and promising future trends associated with distributed computing, artificial intelligence and their application to provide efficient solutions to real problems. This symposium is organized by the Biomedicine, Intelligent System and Edu- tional Technology Research Group (http://bisite. usal. es/) of the University of - lamanca. The present edition has been held at the Polytechnic University of - lencia, from 7 to 10 September 2010, within the Congreso Español de Informática (CEDI 2010). Technology transfer in this field is still a challenge, with a large gap between academic research and industrial products. This edition of DCAI aims at contributing to reduce this gap, with a stimulating and productive forum where these communities can work towards future cooperation with social and econo- cal benefits. This conference is the forum in which to present application of in- vative techniques to complex problems. Artificial intelligence is changing our - ciety. Its application in distributed environments, such as internet, electronic commerce, environment monitoring, mobile communications, wireless devices, distributed computing, to cite some, is continuously increasing, becoming an e- ment of high added value with social and economic potential, both industry, life quality and research. These technologies are changing constantly as a result of the large research and technical effort being undertaken in universities, companies. Computational Science - ICCS 2003. Part 4. International Conference Melbourne, Australia and St. Petersburg, Russia, June 2-4, 2003, Proceedings, Springer Science & Business Media The four-volume set LNCS 2657, LNCS 2658, LNCS 2659, and LNCS 2660 constitutes the refereed proceedings of the Third International Conference on Computational Science, ICCS 2003, held concurrently in Melbourne, Australia and in St. Petersburg, Russia in June 2003. The four volumes present more than 460 reviewed contributed and invited papers and span the whole range of computational science, from foundational issues in computer science and algorithmic mathematics to advanced applications in virtually all application fields making use of computational techniques. These proceedings give a unique account of recent results in the field. Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing 2015 Springer This edited book presents scientific results of the 16th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2015) which was held on June 1 – 3, 2015 in Takamatsu, Japan. The aim of this conference was to bring together researchers and scientists, businessmen and entrepreneurs, teachers, engineers, computer users, and students to discuss the numerous fields of computer science and to share their experiences and exchange new ideas and information in a meaningful way. Research results about all aspects (theory, applications and tools) of computer and information science, and to discuss the practical challenges encountered along the way and the solutions adopted to solve them. Viability Assessment of a Repository at Yucca Mountain: Preliminary design concept for the repository and waste package Human Interaction, Emerging Technologies and Future Applications IV Proceedings of the 4th International Conference on Human Interaction and Emerging Technologies: Future Applications (IHIET – AI 2021), April 28-30, 2021, Strasbourg, France Springer Nature This book reports on research and developments in human-technology interaction. A special emphasis is given to human-computer interaction, and its implementation for a wide range of purposes such as healthcare, manufacturing, transportation, and education, among others. The human aspects are analyzed in detail. Innovative studies related to human-centered design, wearable technologies, augmented, virtual and mixed reality simulation, as well as developments and applications of machine learning and AI for different purposes, represent the core of the book. Emerging issues in business, security, and infrastructure are also critically examined, thus offering a timely, scientifically-grounded, but also professionally-oriented snapshot of the current state of the field. The book is based on contributions presented at the 4th International Conference on Human Interaction and Emerging Technologies: Future Applications, IHIET-AI 2021, held on April 28-30, 2021, in Strasbourg, France. It offers a timely survey and a practice-oriented reference guide to researchers and professionals dealing with design and/or management of the new generation of service systems. Energy Research Abstracts Semiannual, with semiannual and annual indexes. References to all scientific and technical literature coming from DOE, its laboratories, energy centers, and contractors. Includes all works deriving from DOE, other related government-sponsored information, and foreign nonnuclear information. Arranged under 39 categories, e.g., Biomedical sciences, basic studies; Biomedical sciences, applied studies; Health and safety; and Fusion energy. Entry gives bibliographical information and abstract. Corporate, author, subject, report number indexes. Monthly Catalog of United States Government Publications SME Technical Paper Proceedings of the Third Berkeley Workshop on Distributed Data Management and Computer Networks, August 29-31, 1978, Lawrence Berkeley Laboratory, University of California ; Prepared for the U.S. Department of Energy Data Bases and Data Base Systems Related to NASA's Aerospace Program Technological Innovation for Cloud-Based Engineering Systems 6th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2015, Costa de Caparica, Portugal, April 13-15, 2015, Proceedings Springer This book constitutes the refereed proceedings of the 6th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2015, held in Costa de Caparica, Portugal, in April 2015. The 54 revised full papers were carefully reviewed and selected from 119 submissions. The papers present selected results produced in engineering doctoral programs and focus on development and application of cloud-based engineering systems. Research results and ongoing work are presented, illustrated and discussed in the following areas: collaborative networks; cloud-based manufacturing; reconfigurable manufacturing; distributed computing and embedded systems; perception and signal processing; healthcare; smart monitoring systems; and renewable energy and energy-related management, decision support, simulation and power conversion. Open Distributed Processing, II Proceedings of the IFIP TC6/WG6.1 International Conference on Open Distributed Processsing, Berlin, Germany, 13-16 September, 1993 North Holland Concentrates on informatics in medicine, covering topics such as trader/trading, distributed systems, quality of multimedia services, distributed applications and Open Distributed Processing design and modelling concepts. Standards, Guidelines, and Examples on System and Software Requirements Engineering Advances in Ultra-dependable Distributed Systems IEEE Computer Society Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications PDPTA ' 98 Distributed Computer Control Systems--1981 Proceedings of the Third IFAC Workshop, Beijing, China, 15-17 August, 1981 Pergamon Eighteen papers ranging from control theory to the practical aspects of the process by which control computers are designed & built. Covers DCCS design & architecture, communication, structure & specification.