

The Grid Blueprint For A New Computing Infrastructure The Elsevier Series In Grid Computing

Blueprint Your Bestseller Computational Aerosciences
in the 21st Century Handbook of Research on Grid
Technologies and Utility Computing: Concepts for
Managing Large-Scale Applications Business and the
Grid Handbook of Research on Scalable Computing
Technologies Grid Computing The Blueprint An
Architecture for Checkpointing and Migration of
Distributed Components on the Grid Managing
Development and Application of Digital
Technologies Managing Strategic Intelligence:
Techniques and Technologies Databasing the
Brain Living Off the Grid HTML5 and CSS3 Responsive
Web Design Cookbook The Savvy Guide To HPC, Grid,
Data Grid, Virtualisation and Cloud Computing Parallel
Evolutionary Computations User Centered Design for
Medical Visualization The Nurse Educator's Guide to
Assessing Learning Outcomes Understanding
Information Retrieval Systems The Grid Virtual
Community Practices and Social Interactive Media:
Technology Lifecycle and Workflow Analysis Semantic
Knowledge Management: An Ontology-Based
Framework Grid Computing Security Handbook of
Research on Computational Grid Technologies for Life
Sciences, Biomedicine, and Healthcare Blueprint for
Action The Semantic Web for Knowledge and Data
Management Transportation and Power Grid in Smart
Cities Computer-Mediated Relationships and Trust:

Managerial and Organizational Effects
Quantitative Quality of Service for Grid Computing: Applications for Heterogeneity, Large-Scale Distribution, and Dynamic Environments
Designing Software-Intensive Systems: Methods and Principles
PRICAI 2006: Trends in Artificial Intelligence
Enterprise Grid Computing with Oracle
Grid Computing
Big Data and Social Science
Grid Technology for Maximizing Collaborative Decision Management and Support: Advancing Effective Virtual Organizations
Philosophical Transactions
Semantic Web Engineering in the Knowledge Society
Handbook of Research on Distributed Medical Informatics and E-Health
Web Commerce Security
Parallel Computing Technologies
Evaluation and Testing in Nursing Education

Blueprint Your Bestseller

With the increasing worldwide trend in population migration into urban centers, we are beginning to see the emergence of the kinds of mega-cities which were once the stuff of science fiction. It is clear to most urban planners and developers that accommodating the needs of the tens of millions of inhabitants of those megalopolises in an orderly and uninterrupted manner will require the seamless integration of and real-time monitoring and response services for public utilities and transportation systems. Part speculative look into the future of the world's urban centers, part technical blueprint, this visionary book helps lay the groundwork for the communication networks and services on which tomorrow's "smart cities" will run. Written by a uniquely well-qualified author team, this

book provides detailed insights into the technical requirements for the wireless sensor and actuator networks required to make smart cities a reality.

Computational Aerosciences in the 21st Century

We are faced with an impending calamity that threatens to bankrupt the planetary ecosystem and with it much of the manmade world. In this book, Rirdan submits a plan that truly goes the distance: a highly detailed, planetary-wide blueprint that lays out a new course for our technological and industrial engines. It calls for sweeping adjustments in the way every person thinks and lives. Rirdan takes existing key stressors—from climate change to land degradation to fossil fuel shortages—that are afflicting the planet, and offers solutions that put its survival at the center. The plan is grounded in over five hundred peer-reviewed articles, communication with scores of other top experts, advanced computations, and simulations. Rirdan offers immediately employable designs that lay down new paths for our economy, technology, industry, and politics. The plan includes renewables that in tandem can provide 24/7 power for the entire electrical grid; a radically altered economy, based on regenerative management of existing resources; and the use of rotational, intensive grazing of livestock as part of the effort to rewild nature. Furthermore, the book illustrates why a carbon neutral economy is inadequate at this late stage and introduces a practical plan to capture hundreds of billions of tons

of carbon from the air over the span of a few decades. The author writes clearly and comprehensively, carefully exploring the logistics and infrastructure changes required in moving forward. The Blueprint is a call to arms, an argument for remaking the world and reclaiming the future for our children.

Handbook of Research on Grid Technologies and Utility Computing: Concepts for Managing Large-Scale Applications

Provides information on enterprise grid computing in the Oracle environment.

Business and the Grid

Named a 2013 Doody's Essential Purchase! "This book should be required reading for all educators! It is necessary for educators to keep pace with the changing dynamics of learners and this book provides insights into how to achieve this goal."--Doody's Medical Reviews Praise for the Third Edition: "Without question, this book should be on every nurse educator's bookshelf."--Nursing Education Perspectives The "gold standard" for evaluation and testing in nursing education, this revision helps educators measure and evaluate the level of learning that their students have achieved and presents fundamental concepts of what constitutes reliable tools and rubrics for measuring students' classroom and clinical performance. It describes how to develop

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a test blueprint and to assemble, administer, write, and score all types of tests and test questions, and analyze tests and test performance for both classroom and clinical evaluation. It includes guidelines for preventing cheating, and for conducting productive posttest discussions. The book offers strategies for evaluating higher cognitive levels of learning and for evaluating written assignments with sample scoring rubrics. The book explores important social, ethical, and legal issues associated with testing and evaluation. The text meets NLN Certification Competency #3: Use Assessment & Evaluation Strategies (15% of CNE Test Blueprint). New to the Fourth edition: Expanded coverage of essential concepts in assessment, evaluation, and testing in nursing classroom and clinical education A new chapter on online testing, with and without an online teaching platform such as BlackBoard, standardized online testing packages, establishing valid online-based testing, and related issues Current research, references, and new examples Stronger focus on evaluating higher level cognitive functions Additional test preparation for NCLEX and other certification tests Development of test items that prepare students for licensure and certification exams, including discussion of innovative items being piloted for possible use on the NCLEX Expanded coverage on establishing rubrics for assessing written assignments New information on using simulation for "High Stakes Testing" Online teaching guide that includes PowerPoint slides, sample core syllabus, and learner activities

Handbook of Research on Scalable Computing Technologies

Provides a single record of technologies and practices of the Semantic approach to the management, organization, interpretation, retrieval, and use of Web-based data.

Grid Computing

The Blueprint

An Architecture for Checkpointing and Migration of Distributed Components on the Grid

"This book provides research into parallel & distributed computing, high performance computing, and Grid computing"--Provided by publisher.

Managing Development and Application of Digital Technologies

Grid computing is applying the resources of many computers in a network to a single problem at the same time Grid computing appears to be a promising trend for three reasons: (1) Its ability to make more cost-effective use of a given amount of computer resources, (2) As a way to solve problems that can't be approached without an enormous amount of

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computing power (3) Because it suggests that the resources of many computers can be cooperatively and perhaps synergistically harnessed and managed as a collaboration toward a common objective. A number of corporations, professional groups, university consortiums, and other groups have developed or are developing frameworks and software for managing grid computing projects. The European Community (EU) is sponsoring a project for a grid for high-energy physics, earth observation, and biology applications. In the United States, the National Technology Grid is prototyping a computational grid for infrastructure and an access grid for people. Sun Microsystems offers Grid Engine software. Described as a distributed resource management tool, Grid Engine allows engineers at companies like Sony and Synopsys to pool the computer cycles on up to 80 workstations at a time. * "the Grid" is a very hot topic generating broad interest from research and industry (e.g. IBM, Platform, Avaki, Entropia, Sun, HP) * Grid architecture enables very popular e-Science projects like the Genome project which demand global interaction and networking * In recent surveys over 50% of Chief Information Officers are expected to use Grid technology this year Grid Computing: * Features contributions from the major players in the field * Covers all aspects of grid technology from motivation to applications * Provides an extensive state-of-the-art guide in grid computing This is essential reading for researchers in Computing and Engineering, physicists, statisticians, engineers and mathematicians and IT policy makers.

Managing Strategic Intelligence: Techniques and Technologies

The new edition of this award winning text helps address the increased pressure that the NCLEX and other certification exams are placing on nursing students and faculty. The Nurse Educator's Guide to Assessing Learning Outcomes, 2nd Edition guides classroom educators through the process of developing effective classroom exams and individual test items.

Databasing the Brain

"This book focuses on environment information scanning and organization-wide support for strategic intelligence. It also provides practical guidance to organizations for developing effective approaches, mechanisms, and systems to scan, refine, and support strategic information provision"--Provided by publisher.

Living Off the Grid

"This book addresses the complex issues associated with software engineering environment capabilities for designing real-time embedded software systems"--Provided by publisher.

Html5 and Css3 Responsive Web Design Cookbook

"This book addresses the Semantic Web from an

operative point of view using theoretical approaches, methodologies, and software applications as innovative solutions to true knowledge management"--Provided by publisher.

The Savvy Guide To HPC, Grid, Data Grid, Virtualisation and Cloud Computing

Provides an analysis of virtual communities, explaining their lifecycle in terms of maturity-based models and workflows.

Parallel Evolutionary Computations

The aim of this volume is to highlight a selection of important current research topics in the field of digital technology and management, illustrating the variety of aspects which have to be considered in the development and application of digital technologies. Topics covered in the book include the design of the innovation process, digital rights management, mobile, location-based and ubiquitous services, IT service management and future communication networks.

User Centered Design for Medical Visualization

As a Cookbook, we are targeting existing developers who need to pick and choose specific recipes in order to help their websites become accessible (and usable) regardless of screen size, device, or browser. HTML5 and CSS3 Responsive Web Design Cookbook, for all of

today's wireless Internet devices, is for web developers seeking innovative techniques that deliver fast, intuitive interfacing for the latest mobile Internet devices.

The Nurse Educator's Guide to Assessing Learning Outcomes

Both Traditional Students and Working Professionals Acquire the Skills to Analyze Social Problems. Big Data and Social Science: A Practical Guide to Methods and Tools shows how to apply data science to real-world problems in both research and the practice. The book provides practical guidance on combining methods and tools from computer science, statistics, and social science. This concrete approach is illustrated throughout using an important national problem, the quantitative study of innovation. The text draws on the expertise of prominent leaders in statistics, the social sciences, data science, and computer science to teach students how to use modern social science research principles as well as the best analytical and computational tools. It uses a real-world challenge to introduce how these tools are used to identify and capture appropriate data, apply data science models and tools to that data, and recognize and respond to data errors and limitations. For more information, including sample chapters and news, please visit the author's website.

Understanding Information Retrieval Systems

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This book is a guide for professionals, explaining the Grid, Data Grid, Caching, Virtualisation and Cloud Computing Landscape in a no-nonsense, informative manner. The focus is on the overall picture of all the technologies, how they overlap, their real world use, their patterns of use, and what commercial and open-source products are available.

The Grid

"The Grid" is an emerging infrastructure that will fundamentally change the way people think about and use computing. The editors reveal the revolutionary impact of large-scale resource sharing and virtualization within science and industry, and the intimate relationships between organization and resource sharing structures.

Virtual Community Practices and Social Interactive Media: Technology Lifecycle and Workflow Analysis

Provides coverage of specific topics and issues in healthcare, highlighting recent trends and describing the latest advances in the field.

Semantic Knowledge Management: An Ontology-Based Framework

"This book provides a compendium of terms, definitions, and explanations of concepts, issues, and trends in grid technology"--Provided by publisher.

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Grid Computing Security

The Pentagon's New Map was one of the most talked-about books of the year - a fundamental reexamination of war and peace in the post-9/11 world that provided a compelling vision of the future. Now, senior advisor and military analyst Thomas P.M. Barnett explores our possible long- and short-term relations with such nations and regions as Iran, Iraq, and the Middle East, China and North Korea, Latin America and Africa, while outlining the strategies to pursue, the entities to create, and the pitfalls to overcome. If his first book was "a compelling framework for confronting twenty-first century problems" (Business Week), Barnett's new book is something more - a powerful road map through a chaotic and uncertain world to "a future worth creating."

Handbook of Research on Computational Grid Technologies for Life Sciences, Biomedicine, and Healthcare

Blueprint for Action

Examines trust in a third dimension. Considers how building trust is different for managers developing "virtual" relationships. Examines the way remote workers are managed; electronic commerce is used to sell products and services to unseen consumers; and how IT is relied on to interface with organizations, virtual or otherwise.

The Semantic Web for Knowledge and Data Management

"This book lays the foundations for understanding the concepts and technologies behind the Semantic Web"--Provided by publisher.

Transportation and Power Grid in Smart Cities

This book constitutes the refereed proceedings of the 6th International Conference on Parallel Computing Technologies, PaCT 2001, held in Novosibirsk, Russia in September 2001. The 36 revised full papers and 13 posters presented together with 4 invited papers were carefully reviewed and selected from 81 submissions. The papers presented span the whole range of parallel processing from theory and software through architecture and applications. Among the topics addressed are shared memory systems, formal methods, networks of processes, cellular automata, mobile data access systems, Java programming, neuro-cluster computing, network clusters, load balancing, etc.

Computer-Mediated Relationships and Trust: Managerial and Organizational Effects

The first draft is the easy part... In *Blueprint Your Bestseller*, Stuart Horwitz offers a step-by-step process for revising your manuscript that has helped

bestselling authors get from first draft to final draft. Whether you're tinkering with your first one hundred pages or trying to wrestle a complete draft into shape, Horwitz helps you look at your writing with the fresh perspective you need to reach the finish line. *Blueprint Your Bestseller* introduces the Book Architecture Method, a tested sequence of steps for organizing and revising any manuscript. By breaking a manuscript into manageable scenes, you can determine what is going on in your writing at the structural level—and uncover the underlying flaws and strengths of your narrative. For more than a decade this proven approach to revision has helped authors of both fiction and nonfiction, as well as writers across all media from theater to film to TV.

Quantitative Quality of Service for Grid Computing: Applications for Heterogeneity, Large-Scale Distribution, and Dynamic Environments

Based on research and industry experience, this book structures the issues pertaining to grid computing security into three main categories: architecture-related, infrastructure-related, and management-related issues. It discusses all three categories in detail, presents existing solutions, standards, and products, and pinpoints their shortcomings and open questions. Together with a brief introduction into grid computing in general and underlying security technologies, this book offers the first concise and detailed introduction to this important area, targeting professionals in the grid industry as well as students.

Designing Software-Intensive Systems: Methods and Principles

PRICAI 2006: Trends in Artificial Intelligence

This book constitutes the refereed proceedings of the 9th Pacific Rim International Conference on Artificial Intelligence, PRICAI 2006, held in Guilin, China in August 2006. The 81 revised full papers and 87 revised short papers presented together with 3 keynote talks were carefully reviewed and selected from 596 submissions. The papers are organized in topical sections on intelligent agents, automated reasoning, machine learning and data mining, natural language processing and speech recognition, computer vision, perception and animation, evolutionary computing, industrial applications, intelligent agents, automated reasoning, evolutionary computing, game, machine learning and data mining, information retrieval, natural language processing, neural networks, and computer vision.

Enterprise Grid Computing with Oracle

"This book features a comprehensive review of advances in medical visualization and human-computer interaction. It investigates the human roles during a visualization process, specifically motivation-based design, user-based design, and perception-and-cognitive-based design. It also provides real-world examples and insight into the analytical and

architectural aspects of user centered design"--Provided by publisher.

Grid Computing

This book focuses on the aspects related to the parallelization of evolutionary computations, such as parallel genetic operators, parallel fitness evaluation, distributed genetic algorithms, and parallel hardware implementations, as well as on their impact on several applications. It offers a wide spectrum of sample works developed in leading research about parallel implementations of efficient techniques at the heart of computational intelligence.

Big Data and Social Science

Living Off The Grid: The Blueprint to Sustainable Living & Becoming Self Sufficient Learn what you need to live comfortably "Off the Grid", including attainable methods for heating and powering your home. Never before in history have humans been faced with the current combination of severe economic volatility, depleted resources, and dramatic global warming. However, very few people have any basic survival skills, and even fewer could set up a livable space without the support of a power company, food stores, and a sewage system. This book will give you a foundation towards becoming self-sufficient and help you wean off your dependence on 3rd party services. Even if you do not plan on living fully off the grid, "Living Off The Grid: The Blueprint to Sustainable Living & Becoming Self Sufficient" will give you

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valuable tools to help lower your costs, including instructions for creating different power sources (such as solar, wind, and hydroelectric) and easy methods for heating hot water. In this Living Off The Grid Blueprint you will learn: Different housing options and Pros and Cons for each How to power your home WITHOUT the power company How to heat your home and your hot water through solar heating Ways to purify your water and keep it contaminate free Different options for managing and ridding of human waste BONUS: Self-defense plans for keeping your family and possessions safe Note from the Author "With the effects of global warming intensifying every year and the economy still in limbo, it's important to start building your survival skills now and preparing for an off the grid lifestyle." Also Included: Everything you need to build effective solar, wind, and hydroelectric power systems.

Grid Technology for Maximizing Collaborative Decision Management and Support: Advancing Effective Virtual Organizations

In order to be effective for their users, information retrieval (IR) systems should be adapted to the specific needs of particular environments. The huge and growing array of types of information retrieval systems in use today is on display in Understanding Information Retrieval Systems: Management, Types, and Standards, which addresses over 20 typ

Philosophical Transactions

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"This book presents, discusses, shares ideas, results and experiences on the recent important advances and future challenges on enabling technologies for achieving higher performance"--Provided by publisher.

Semantic Web Engineering in the Knowledge Society

"This book presents research on building network of excellence by effectively and efficiently managing ICT-related resources using Grid technology"--Provided by publisher.

Handbook of Research on Distributed Medical Informatics and E-Health

"This book provides methodologies and developments of grid technologies applied in different fields of life sciences"--Provided by publisher.

Web Commerce Security

Expertly edited by two pioneers in this burgeoning field, this book covers both basic principles and specific applications across a range of problems in brain research. It truly integrates neuroscience with informatics, providing a means for understanding the new analytical tools and models of neuronal functions now being developed. Each chapter offers practical guidance for applying this knowledge to current research, enhancing electronic collaborations, and

formulating hypotheses. Prize or Award AAP Awards for Excellence in Professional and Scholarly Publishing, 2006

Parallel Computing Technologies

Proceedings of the ICASE/LaRC/NSF/ARO Workshop, conducted by the Institute for Computer Applications in Science and Engineering, NASA Langley Research Center, The National Science Foundation and the Army Research Office, April 22-24, 1998

Evaluation and Testing in Nursing Education

A top-level security guru for both eBay and PayPal and a best-selling information systems security author show how to design and develop secure Web commerce systems. Whether it's online banking or ordering merchandise using your cell phone, the world of online commerce requires a high degree of security to protect you during transactions. This book not only explores all critical security issues associated with both e-commerce and mobile commerce (m-commerce), it is also a technical manual for how to create a secure system. Covering all the technical bases, this book provides the detail that developers, system architects, and system integrators need to design and implement secure, user-friendly, online commerce systems. Co-authored by Hadi Nahari, one of the world's most renowned experts in Web commerce security; he is currently the Principal Security, Mobile and Devices Architect at eBay,

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focusing on the architecture and implementation of eBay and PayPal mobile Co-authored by Dr. Ronald Krutz; information system security lecturer and co-author of the best-selling Wiley CISSP Prep Guide Series Shows how to architect and implement user-friendly security for e-commerce and especially, mobile commerce Covers the fundamentals of designing infrastructures with high availability, large transactional capacity, and scalability Includes topics such as understanding payment technologies and how to identify weak security, and how to augment it. Get the essential information you need on Web commerce security—as well as actual design techniques—in this expert guide.

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