

# International Technical Standards For E Government

This book brings together one hundred and seventy nine selected papers presented at the 2015 International Conference on Design, Manufacturing and Mechatronics (ICDMM2015), which was successfully held in Wuhan, China during April 17-18, 2015. The ICDMM2015 covered a wide range of fundamental studies, technical innovations and industrial applications in advanced design and manufacturing technology, automation and control system, communication system and computer network, signal and image processing, data processing and intelligence system, applied material and material processing technology, power and energy, technology and methods for measure, test, detection and monitoring, applied mechatronics, technology and methods for ship navigation and safety, and other engineering topics. All papers selected here were subjected to a rigorous peer-review process by at least two independent peers. The papers were selected based on innovation, organization, and quality of presentation. The proceedings should be a valuable reference for scientists, engineers and researchers interested in design, manufacturing and mechatronics, as well as graduate students working on related technologies.

Summary: Chapters in "Critical Insights From A Practitioner Mindset" have been grouped into four categories: (1) the New digital economy; (2) e-government practices; (3) identity and access management; and (4) identity systems implementation. These

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areas are considered to be crucial subsets that will shape the upcoming future and influence successful governance models. "Critical Insights From A Practitioner Mindset" is eminently readable and covers management practices in the government field and the efforts of the Gulf Cooperation Council (GCC) countries and the United Arab Emirates government. The book is key reading for both practitioners and decision-making authorities. Key Features: Is highly practical and easy to read. Comprehensive, detailed and through theoretical and practical analysis. Covers issues, and sources rarely accessed, on books on this topic. The Author: Dr Al-Khoury is the Director General (Under Secretary) of the Emirates Identity Authority: a federal government organisation established in 2004 to rollout and manage the national identity management infrastructure program in the United Arab Emirates. He has been involved in the UAE national identity card program since its early conceptual phases during his work with the Ministry of Interior. He has also been involved in many other strategic government initiatives in the past 22 years of his experience in the government sector. Contents: The new digital economy: Emerging markets and digital economy: building trust in the virtual world Biometrics technology and the new economy: a review of the field and the case of the United Arab Emirates E-government practices: PKI in government digital identity management systems An innovative approach for e-government transformation PKI in government identity management systems PKI technology: a government experience The role of digital certificates in contemporary

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government systems Identity and access management: Optimizing identity and access management (IAM) frameworks Towards federated identity management across GCC: a solution's framework Contemporary identity systems implementation: Re-thinking enrolment in identity schemes Targeting results: lessons learned from UAE National ID Program"

This book explores the main elements of e-Democracy, the term normally used to describe the implementation of democratic government processes by electronic means. It provides insights into the main technological and human issues regarding governance, government, participation, inclusion, empowerment, procurement and, last but not least, ethical and privacy issues. Its main aim is to bridge the gap between technological solutions, their successful implementation, and the fruitful utilization of the main set of e-Services totally or partially delivered by governments or non-government organizations. Today, various parameters actively influence e-Services' success or failure: cultural aspects, organisational issues, bureaucracy and workflows, infrastructure and technology in general, user habits, literacy, capacity or merely interaction design. This includes having a significant population of citizens who are willing and able to adopt and use online services; as well as developing the managerial and technical capability to implement applications that meet citizens' needs. This book helps readers understand the mutual dependencies involved; further, a selection of success stories and failures, duly commented on, enables readers to identify the right

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approach to innovation in governmental e-Services. With its balanced humanistic and technological approach, the book mainly targets public authorities, decision-makers, stakeholders, solution developers, and graduate students.

As an addition to the European postgraduate training system for young neurosurgeons we began to publish in 1974 this series devoted to Advances and Technical Standards in Neurosurgery which was later sponsored by the European Association of Neurosurgical Societies. The fact that the English language is well on the way to becoming the international medium at European scientific conferences is a great asset in terms of mutual understanding. Therefore we have decided to publish all contributions in English, regardless of the native language of the authors. All contributions are submitted to the entire editorial board before publication of any volume. is not intended to compete with the publications of original Our series scientific papers in other neurosurgical journals. Our intention is, rather, to present fields of neurosurgery and related areas in which important recent advances have been made. The contributions are written by specialists in the given fields and constitute the first part of each volume. In the second part of each volume, we publish detailed descriptions of standard operative procedures, furnished by experienced clinicians; in these articles the authors describe the techniques they employ and explain the advantages, difficulties and risks involved in the various procedures. This part is intended primarily to assist young neurosurgeons in their post graduate training.

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However, we are convinced that it will also be useful to experienced, fully trained neurosurgeons.

E-Government describes the utilization of technologies to improve the lives of citizens and business organizations while facilitating the operation of the government. With the rise of new technologies, governments need to consider implementing Web 2.0 and mobile technologies as a way to offer relevant e-services to citizens so that they may fully participate in governmental affairs. Emerging Mobile and Web 2.0 Technologies for Connected E-Government highlights the latest technologies and how they can be implemented by the government and effectively used by citizens. This book aims to be an inclusive reference source for researchers, practitioners, students, and managers interested in the application of recent technological innovations to develop a more effective e-government system.

Anesthesia Equipment: Principles and Applications, 2nd Edition, by Dr. Jan Ehrenwerth and Dr. James B. Eisenkraft, offers expert, highly visual, practical guidance on the full range of delivery systems and technology used in practice today. It equips you with the objective, informed answers you need to ensure optimal patient safety. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Make informed decisions by expanding your understanding of the physical principles of equipment, the rationale for its use, delivery

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systems for inhalational anesthesia, systems monitoring, hazards and safety features, maintenance and quality assurance, special situations/equipment for non-routine adult anesthesia, and future directions for the field. Ensure patient safety with detailed advice on risk management and medicolegal implications of equipment use. Apply the most complete and up-to-date information available on machines, vaporizers, ventilators, breathing systems, vigilance, ergonomics, and simulation. Visualize the safe and effective use of equipment thanks to hundreds of full-color line drawings and photographs.

Underneath the Golden Boy series of the Manitoba Law Journal reports on developments in legislation and on parliamentary and democratic reform in Manitoba, Canada, and beyond. This issue has articles from a variety of contributing authors including: Andrea D. Rounce, Bryan P. Schwartz, Dan Grice, Darcy L. MacPherson, Donn Short, Donna J. Miller, Evaristus Oshionebo, Jason Stitt, Karine Levasseur, Sid Frankel, Sunita D. Doobay, Timothy Brown, and William Kuchapski.

Covers various trends in supply chain and logistics management, transportation, just in time delivery, warehousing, distribution, inter modal shipment systems, logistics services, purchasing and advanced technologies such as RFID. This book includes one page profiles of transportation, supply chain and logistics industry firms.

For the first time ever, clear, comprehensive information about the major e-learning standards has been brought together in a single resource. No more confusing

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patchworks of information gleaned from scattered Web sites and periodicals. No more frustrating searches through hundreds of pages of technical specifications to find the twenty pages that apply to you. No more sorting through the alphabet soup of acronyms trying to discern which of them you need. Written by the developers of the first Learning Management System (LMS) to be AICC-certified for Web-based interoperability, *E-Learning Standards: A Guide to Purchasing, Developing, and Deploying Standards-Conformant E-Learning* thoroughly covers this complex topic. The authors focus on those standards that are being successfully implemented such as the AICC and SCORM specifications for interoperable data tracking, searchable meta-data, and interchangeable course structures and the QTI specification for interoperable tests and test questions. They clearly explain the purpose of each standard and its application to the various components of e-learning such as learning management systems and learning content management systems, assessment systems, and courseware. The book provides practical advice on choosing and purchasing standards-based e-learning components and gives guidance on developing interoperable, interchangeable courseware that will work in any standards-based e-learning environment. Learning technology standards are still very new to the Web-based training world, leaving room for many potential pitfalls. There are distinct sets of standards available for Internet-delivered learning that enable all components of an e-learning system to communicate with each other. However, choosing which set of standards would best suit the system's

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needs, then understanding and following those specifications, can be a daunting task. *E-Learning Standards: A Guide to Purchasing, Developing, and Deploying Standards-Conformant E-Learning* provides a road map for anyone involved in the development of components for e-learning environments and a guide buyers can use to make well-informed decisions about their e-learning purchases.

*E-Health, Telehealth, and Telemedicine* is a hands-on resource that shows how communication technologies can be designed, implemented, and managed to help health care professionals expand and transform their organizations. Step by step the authors reveal how to introduce innovative communication tools to a wide range of health care settings. This indispensable book contains a wealth of information, suggestions, and advice about program development, ethical, legal and regulatory issues, and and technical options.

This book presents a systematic overview of the development of and challenges facing e-government in Denmark.

The emergence of cloud computing, internet of things, mobile technologies, and social networking have created better-connected members of the public who are digitally linked with each other in real time. Establishing this two-way interaction between citizens and governments has thus become attractive and an expected feature of governments worldwide. Previously, federal and local governments relied on first-generation technologies to provide basic levels of automation and digitization. Now,

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because of their desire to become more open, transparent, accountable, and connected, newer technologies including cloud computing, mobile networking, big data analytics, Web 2.0, and social media must be developed and utilized. *Web 2.0 and Cloud Technologies for Implementing Connected Government* is an essential reference source that presents various dimensions of connected government and connected e-governance visions as well as the latest emerging technologies. Offering development methodologies, practical examples, best practices, case studies, and the latest research, this book covers new strategies for implementing better-connected government models and the technologies that serve to establish these frameworks, including in-depth examinations of mobile technologies, automation, business intelligence, etc. as well as the various ethical and security issues surrounding the use and protection of data. This book is essential for federal, state, and local government officials; policymakers; civil servants; IT specialists; security analysts; academicians; researchers; and students.

"This book reviews the impact technology has had on individuals and organizations whose access to media and resources is otherwise limited including topics such as electronic voting, electronic delivery systems, social Web applications, and online educational environments"--Provided by publisher.

*E-Commerce: The Cutting Edge of Business* presents the technology and processes behind e-commerce and e-governance. It also underscores the importance of security

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of transactions in the electronic environment. With such an extensive coverage, the book will be useful to people in trade and commerce and to businesses which are trying to expand using Internet and intranet commerce. Students and teachers of e-commerce will find that the technology and processes that make e-commerce click have been addressed in detail. The book will also be of enormous value to government officials, financial institutions, public sector and the private industry keen to learn about The Cutting Edge of Business

### US E-Commerce Business Guide

Traditional East Asian healthcare systems have moved rapidly from the fringes of healthcare systems in the West towards the centre over the past 50 years. This change of status for traditional medicines presents their practitioners with both opportunities and challenges as the focus shifts from one of opposition towards one of integration into biomedically dominated healthcare systems. Integrating East Asian Medicine into Contemporary Healthcare examines the opportunities and challenges of integrating East Asian medicine into Western healthcare systems from an interdisciplinary perspective. Volker Scheid and Hugh MacPherson bring together contributions from acknowledged experts from a number of different disciplines - including clinical researchers, Chinese Medicine practitioners, historians, medical anthropologists, experts in the social studies of science, technology and medicine - to examine and debate the impact of the evidence-based medicine movement on the ongoing

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modernization of East Asian medicines. The book considers the following questions:

- What are the values, goals and ethics implicit within traditional East Asian medical practices?
- What claims to effectiveness and safety are made by East Asian medical practices?
- What is at stake in subjecting these medical practices to biomedical models of evaluation?
- What constitutes best practice? How is it to be defined and measured?
- What are the ideologies and politics behind the process of integration of East Asian medical practices into modern health care systems?
- What can we learn from a variety of models of integration into contemporary healthcare?

It is a great pleasure to share with you the Springer LNCS proceedings of the Second World Summit on the Knowledge Society, WSKS 2009, organized by the Open - search Society, Ngo, <http://www.open-knowledge-society.org>, and held in Samaria Hotel, in the beautiful city of Chania in Crete, Greece, September 16–18, 2009. The 2nd World Summit on the Knowledge Society (WSKS 2009) was an international scientific event devoted to promoting dialogue on the main aspects of the knowledge society towards a better world for all. The multidimensional economic and social crisis of the last couple of years has brought to the fore the need to discuss in depth new policies and strategies for a human centric developmental processes in the global context. This annual summit brings together key stakeholders involved in the worldwide development of the knowledge society, from academia, industry, and government, including policy makers and active citizens, to look at the impact and prospects of - formation technology, and the knowledge-based era it is creating, on key facets of l- ing, working, learning, innovating, and collaborating in today's hyper-complex world. The summit provides a

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distinct, unique forum for cross-disciplinary fertilization of research, favoring the dissemination of research on new scientific ideas relevant to - ternational research agendas such as the EU (FP7), OECD, or UNESCO. We focus on the key aspects of a new sustainable deal for a bold response to the multidimensional crisis of our times.

Standardization is no longer a technical activity. Rather, most large firms as well as policymakers and many other public sector entities have realized the economic and political relevance of information and communication technology standards. Accordingly, an increasing number of firms and public authorities experience the need to properly manage their standardization activities. Corporate Standardization Management and Innovation is an essential reference source that discusses various aspects that relate to the management of standardization in private firms and the public sector and identifies good practices in the internal and external management of standardization activities. Focusing around research areas such as digital market, global business, and business strategy, this book is designed to assist academics, practitioners, and researchers in the identification of good practices in management of standardization activities.

There are few industry sectors in the world today with more potential than renewable and hydrogen energy. Clean, green and renewable energy technologies are receiving immense emphasis from investors, environmentalists, governments and major corporations. Today's high prices for crude oil, coal and natural gas will increase the demand for renewables of all types. A wide variety of technologies are being researched, developed and implemented on a global basis, from Stirling engines to wind power, from advanced nuclear plants to geothermal and fuel cells. Our analysis also includes tar sands (oil sands), oil shale, fuel cells, clean coal,

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distributed power, energy storage, biofuels and much more. You'll find a complete overview, industry analysis and market research report in one superb, value-priced package. It contains thousands of contacts for business and industry leaders, industry associations, Internet sites and other resources. This book also includes statistical tables, an industry glossary and thorough indexes. The corporate profiles section of the book includes our proprietary, in-depth profiles of the 250 leading companies in all facets of the alternative, renewable and hydrogen energy business. Here you'll find complete profiles of the hot companies that are making news today, the largest, most successful corporations in the business. Purchasers of either the book or PDF version can receive a free copy of the company profiles database on CD-ROM, enabling key word search and export of key information, addresses, phone numbers and executive names with titles for every company profiled.

A large international conference on Advances in Machine Learning and Systems Engineering was held in UC Berkeley, California, USA, October 20-22, 2009, under the auspices of the World Congress on Engineering and Computer Science (WCECS 2009). Machine Learning and Systems Engineering contains forty-six revised and extended research articles written by prominent researchers participating in the conference. Topics covered include Expert system, Intelligent decision making, Knowledge-based systems, Knowledge extraction, Data analysis tools, Computational biology, Optimization algorithms, Experiment designs, Complex system identification, Computational modeling, and industrial applications. Machine Learning and Systems Engineering offers the state of the art of tremendous advances in machine learning and systems engineering and also serves as an excellent reference text for researchers and graduate students, working on machine learning and systems engineering.

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The world economy is increasingly driven by technological innovations. UNCTAD's Information Economy Report 2007-2008 analyses the current and potential contributions of information and communications technology (ICT) to knowledge creation and diffusion. It looks at how developing countries use technology to generate innovations that improve the livelihoods of the poor and support enterprise competitiveness. It also examines the impact of ICTs on productivity and growth, international trade and employment in developing countries. Various e-strategies have been developed since the late '90s in an attempt to describe the governmental vision for administrative and for societal change, the objectives and priorities with regard to the development of the Information and Communication Technologies (ICT) at national and at supranational levels. Terms such as the European "Information Society", the U.S. "Information Highways" and the Korean and Chinese "Informatization" try to describe social transformation that occurs due to the ICT, and to determine means with which governments will capitalize the ICT to improve social life and to support economic growth. This book focuses on the e-strategic management approaches that are followed worldwide, addresses the gaps that appear between e-strategic updates, and presents alternative strategic management methods adopted or to use strategic management methods as a means to describe the e-strategic evolution in their geographic areas. Each chapter evaluates e-strategic management approaches, to define multi-criteria decision-making systems for e-strategic transformation and Indicative methods for e-strategic analysis. This book also illustrates experiences from national and supranational cases, which come from different geographic areas regarding e-strategic planning and management, and demonstrates e-strategic initiation and development across different countries and continents, and the

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association between policies and ICT. It also seeks to perform a systematic analysis of various representative cases, in order to capture the realized e-Strategic transformation. It will be of interest to scholars and policy-makers in public administration, management, and information technology. ?

"This book examines the stakeholders of e-government and reveals the stages of growth or service maturity levels, shedding light on the paradigms and fundamental discourses of the e-government adoption process"--Provided by publisher.

"This book presents a vital compendium of research detailing the latest case studies, architectures, frameworks, methodologies, and research on Digital Democracy"--Provided by publisher.

Governments are being transformed at every level due to advances in technology and innovative programs that open vast opportunities for delivery of public services, interact with citizens and business, and promote democracy. It is essential that those responsible for operating these services are well trained to provide the leadership needed for successful application of e-Services. This is the second volume in the Global e-Governance Series and focuses on Advancing e-Governance Through Innovation and Leadership by presenting original articles by international experts, National Case Studies and CIO Training Course materials. This book will serve as a research tool for those examining current economic developments, such as the financial crisis and how the consequences may impact the advancement of e-Government programs, including requirements for professional staff and experts to

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operate e-Services. Several chapters also address issues involved in promoting “Green ICT.” A number of potential benefits have been examined by several international organizations and national governments which could become a significant component. Consequently there are several practical dimensions to Advancing e-Government Through Innovation and Leadership.

The Contested Politics of Mobility is the first collection to explore how the politics of mobility turns on the condition of irregularity. Timely and incisive, it brings together leading scholars from across the sub-disciplines of citizenship, migration and security studies, who show irregularity to be a produced and highly contested socio-political condition.

Since the turn of the Millennium, world-wide initiatives from the private sector have turned the regulatory environment for food businesses upside down. For the first time in legal literature this book analyses private law initiatives relating to the food chain, often referred to as private (voluntary) standards or schemes. Private standards are used to remedy flaws in legislation, in order to reach higher levels of consumer protection than the ones chosen by the EU legislature and to manage risks and liability beyond the traditional limits of food businesses. We see that litigation is no longer solely framed by legislative requirements, but ever more by private standards such as GlobalGAP, BRC, IFS, SQF and ISO. These private standards incorporate public law requirements thus embedding them in contractual relations and exporting them beyond the jurisdiction of

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public legislators. Other standards focus on corporate social responsibility or sustainability. This book also addresses how private religious standards such as Kosher and Halal play a role in defining specific markets of growing importance. It is noted that organic standards have found an interesting symbioses with public law. Another development on this topic is that food businesses are inspected more often by private auditors than by public inspectors. Effects in terms of receiving or being denied certification far outweigh public law sanctions. In short private law has changed an entire legal infrastructure for the food sector. It emerges as competing with the public law regulatory infrastructure. This book is of interest to all who concern themselves with food law legislation and litigation and the evolving role of private standards on changing the landscape of food chains and innovation.

The new edition of this thoroughly considered textbook provides a reliable, accessible and comprehensive guide for students of photovoltaic applications and renewable energy engineering. Written by a group of award-winning authors it is brimming with information and is carefully designed to meet the needs of its readers. Along with exercises and references at the end of each chapter, it features a set of detailed technical appendices that provide essential equations, data sources and standards. The new edition has been fully updated with the latest information on photovoltaic cells, modules, applications and policy. Starting from basics with 'The Characteristics of Sunlight' the reader is guided step-by-step through semiconductors and p-n junctions;

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the behaviour of solar cells; cell properties and design; and PV cell interconnection and module fabrication. The book covers stand-alone photovoltaic systems; specific purpose photovoltaic systems; remote area power supply systems; grid-connected photovoltaic systems and water pumping. Applied Photovoltaics is highly illustrated and very accessible, providing the reader with all the information needed to start working with photovoltaics.

"This book provides a comprehensive, integrative, and global assessment of the e-government evolution in terms of real-life success and failure cases"--Provided by publisher.

A market research guide to the telecommunications industry. It offers a tool for strategic planning, competitive intelligence, employment searches or financial research. It includes a chapter of trends, statistical tables, and an industry-specific glossary. It provides profiles of the 500 biggest, companies in the telecommunications industry. In modern electoral processes, Information and Communication Technologies play a crucial role, whether used in voter registration, ballot casting, or processing of results. Securing these systems is a necessary step in ensuring the fairness of the democratic process. Design, Development, and Use of Secure Electronic Voting Systems analyzes current research on the integration of modern technologies with traditional democratic systems, providing a framework for designing and deploying electronic voting systems in any context or society. Stakeholders, researchers, architects, designers, and

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scholars interested in the use of electronic systems in government processes will use this book to gain a broader understanding of some of the latest advances in this emerging field.

Presenting the latest developments in the field, *Wind Energy Systems: Control Engineering Design* offers a novel take on advanced control engineering design techniques for wind turbine applications. The book introduces concurrent quantitative engineering techniques for the design of highly efficient and reliable controllers, which can be used to solve the most critical problems of multi-megawatt wind energy systems. This book is based on the authors' experience during the last two decades designing commercial multi-megawatt wind turbines and control systems for industry leaders, including NASA and the European Space Agency. This work is their response to the urgent need for a truly reliable concurrent engineering methodology for the design of advanced control systems. Outlining a roadmap for such a coordinated architecture, the authors consider the links between all aspects of a multi-megawatt wind energy project, in which the wind turbine and the control system must be cooperatively designed to achieve an optimized, reliable, and successful system. Look inside for information about the QFT Control Toolbox for Matlab, the software developed by the author to facilitate the QFT robust control design (see also the link at [codypower.com](http://codypower.com)). The textbook's big-picture insights can help students and practicing engineers control and optimize a wind energy system, in which large, flexible,

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aerodynamic structures are connected to a demanding variable electrical grid and work automatically under very turbulent and unpredictable environmental conditions. The book covers topics including robust QFT control, aerodynamics, mechanical and electrical dynamic modeling, economics, reliability, and efficiency. It also addresses standards, certification, implementation, grid integration, and power quality, as well as environmental and maintenance issues. To reinforce understanding, the authors present real examples of experimentation with commercial multi-megawatt direct-drive wind turbines, as well as on-shore, offshore, floating, and airborne wind turbine applications. They also offer a unique in-depth exploration of the quantitative feedback theory (QFT)—a proven, successful robust control technique for real-world applications—as well as advanced switching control techniques that help engineers exceed classical linear limitations.

Of interest to both researchers and professionals, this book constitutes the thoroughly refereed post-proceedings of the first International Conference on E-Voting and Identity, VOTE-ID 2007, held in Germany in 2007. The 16 revised full papers here were reviewed and selected from numerous submissions. The papers are organized in sections that include, among many others, remote electronic voting, evaluation of electronic voting systems, and electronic voting in different countries.

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Open government initiatives have become a defining goal for public administrators around the world. As technology and social media tools become more integrated into society, they provide important frameworks for online government and community collaboration. However, progress is still necessary to create a method of evaluation for online governing systems for effective political management worldwide. *Open Government: Concepts, Methodologies, Tools, and Applications* is a vital reference source that explores the use of open government initiatives and systems in the executive, legislative, and judiciary sectors. It also examines the use of technology in creating a more affordable, participatory, and transparent public-sector management models for greater citizen and community involvement in public affairs. Highlighting a range of topics such as data transparency, collaborative governance, and bureaucratic secrecy, this multi-volume book is ideally designed for government officials, leaders, practitioners, policymakers, researchers, and academicians seeking current research on open government initiatives.

Electronic business is a major force shaping the digital world. Yet, despite of years of research and standardization efforts, many problems persist that prevent e-business from achieving its full potential. Problems arise from different data vocabularies, classification schemas, document names, structures, exchange

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formats and their varying roles in business processes. Non-standardized business terminology, lack of common acceptable and understandable processes (grammar), and lack of common dialog rules (protocols) create barriers to improving electronic business processes. Handbook of Research on E-Business Standards and Protocols: Documents, Data and Advanced Web Technologies contains an overview of new achievements in the field of e-business standards and protocols, offers in-depth analysis of and research on the development and deployment of cutting-edge applications, and provides insight into future trends. This book unites new research that promotes harmony and agreement in business processes and attempts to choreograph business protocols and orchestrate semantic alignment between their vocabularies and grammar. Additionally, this Handbook of Research discusses new approaches to improving standards and protocols, which include the use of intelligent agents and Semantic Web technology.

The field of library and information science is experiencing significant and continued transformation as a result of advancements in digital technology. Adapting to new technologies is crucial for librarians and other information professionals, but there exists a particularly acute gap in technology adoption among developing countries. Library and Information Science in Developing

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Countries: Contemporary Issues explores the relationship between global technology development and the impact of new technologies on library practice, library education, and information science. Book chapters and case studies in this work provide insight to and support for practitioners and executives concerned with the management of knowledge, information, and organizational development in different types of work environments and learning communities. This new almanac will be your ready-reference guide to the E-Commerce & Internet Business worldwide! In one carefully-researched volume, you'll get all of the data you need on E-Commerce & Internet Industries, including: complete E-Commerce statistics and trends; Internet research and development; Internet growth companies; online services and markets; bricks & clicks and other online retailing strategies; emerging e-commerce technologies; Internet and World Wide Web usage trends; PLUS, in-depth profiles of over 400 E-Commerce & Internet companies: our own unique list of companies that are the leaders in this field. Here you'll find complete profiles of the hot companies that are making news today, the largest, most successful corporations in all facets of the E-Commerce Business, from online retailers, to manufacturers of software and equipment for Internet communications, to Internet services providers and much more. Our corporate profiles include executive contacts, growth plans, financial records,

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address, phone, fax, and much more. This innovative book offers unique information, all indexed and cross-indexed. Our industry analysis section covers business to consumer, business to business, online financial services, and technologies as well as Internet access and usage trends. The book includes numerous statistical tables covering such topics as e-commerce revenues, access trends, global Internet users, etc. Purchasers of either the book or PDF version can receive a free copy of the company profiles database on CD-ROM, enabling key word search and export of key information, addresses, phone numbers and executive names with titles for every company profiled.

Handbook of Research on E-Learning Standards and Interoperability: Frameworks and Issues promotes the discussion of specific solutions for increasing the interoperability of standalone and Web-based educational tools. This book investigates issues arising from the deployment of learning standards and provides relevant theoretical frameworks and leading empirical research findings. Chapters presented in this work are suitable for practitioners and researchers in the area of educational technology with a focus on content reusability and interoperability.

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