Database And Xml Technologies 4th International Xml Database Symposium Xsym 2006 Seoul Korea September 10 11 2006 Proceedings Lecture Notes In Computer Science

This book constitutes the refereed proceedings of the 9th International Conference on Database Systems for Advanced Applications, DASFAA 2004, held in Jeju Island, Korea in March 2004. The 60 revised full papers and 18 revised short papers presented together with 2 invited articles were carefully reviewed and seleted from 272 submissions. The papers are organized in topical sections on access methods, query processing in XML, security and integrity, query processing in temporal and spatial databases, semi-structured databases, knowledge discovery in temporal and spatial databases, XML and multimedia and knowledge discovery on the Web, query processing and optimization, classification and clustering, Web search, mobile databases, parallel and distributed databases, and multimedia databases.

This book constitutes the refereed proceedings of the 9th International Conference on Algorithms and Architectures for Parallel Processing, ICA3PP 2009, held in Taipei, Taiwan, in June 2009. The 80 revised full papers were carefully reviewed and selected from 243 submissions. The papers are organized in topical sections on bioinformatics in parallel computing; cluster, grid and fault-tolerant computing; cluster distributed parallel operating systems; dependability issues in computer networks and communications; dependability issues in distributed and parallel systems; distributed scheduling and load balancing, industrial applications; information security internet; multi-core programming software tools; multimedia in parallel computing; parallel distributed databases; parallel algorithms; parallel architectures; parallel IO systems and storage systems; performance of parallel ditributed computing systems; scientific applications; self-healing, self-protecting and fault-tolerant systems; tools and environments for parallel and distributed software development; and Web service.

Database and XML Technologies4th International XML Database Symposium, XSym 2006, Seoul, Korea, September 10-11, 2006, ProceedingsSpringer Science & Business Media

We are delighted to present the ECDL 2004 Conference proceedings from the 8th European Conference on Research and Advanced Technology for Digital - braries at the University of Bath, Bath, UK. This followed an impressive and geographicallydispersedseriesof locationsfor previousevents: Pisa(1997),H-aklion(1998),Paris(1999),Lisbon (2000),Darmstadt(2001),Rome (2002),and Trondheim (2003). The conference re?ected the rapidly evolving landscape of digital libraries, both in technology developments and in the focus of approaches to implem- tation. An emphasis on the requirements of the individual user and of diverse and distributed user communities was apparent. In addition, the conference p- gramme began to address, possibly for the ?rst time, the associated themes of e-research/e-scienceand e-learning and their relationship to digital libraries. We observed increasing commonality in both the distributed information archit- tures and the technical standards that underpin global infrastructure devel- ments. Digital libraries are integral to this information landscape and to the creation of increasingly powerful tools and applications for resource discovery and knowledge extraction. Digital libraries support and facilitate the data and information ?ows within the scholarly knowledge cycle and provide essential - abling functionality for both learnersand researchers. The varied and innovative research activities presented at ECDL 2004 demonstrate the exciting potential of this very fast-moving ?eld. The 148 papers, 43 posters, 5 panels, 14 tutorials and 4 workshops subm- ted this year were once again of the highest quality.

4th VLDB Workshop, SDM 2007, Vienna, Austria, September 23-24, 2007, Proceedings

4th International Conference, FGIT 2012, Gangneug, Korea, December 16-19, 2012. Proceedings

Research and Advanced Technology for Digital Libraries

4th International Conference, EC-Web, Prague, Czech Republic, September 2-5, 2003, Proceedings

Computer, Intelligent Computing and Education Technology

Emerging Technologies and Applications in Data Processing and Management

This book constitutes the refereed proceedings of the 8th East European Conference on Advances in Databases and Information Systems, ADBIS 2004, held in Budapest, Hungary, in September 2004. The 27 revised full papers presented together with an invited paper were carefully reviewed and selected from 130 submissions. The papers are organized in topical sections on constraint databases, deductive databases, heterogenous and Web information systems, cross enterprise information systems, knowledge discovery, database modeling, XML and semistructured databases, physical database design and query evaluation, transaction management and workflow systems, query processing and data streams, spatial databases, and agents and mobile systems.

The emerging Second-Generation Web is based entirely on XML and related technologies. It is intended to result in the creation of the Semantic Web, on which computers will be able to deal with the meaning ("semantics") of Web data and hence to process them in a more effective and autono mous way. This new version of the Web introduces a multitude of novel concepts, terms, and acronyms. Purpose, Scope and Methods This dictionary is an effort to specify the terminological basis of emerging XML and Semantic Web technologies. The ultimate goal of this dictionary is even broader than just to define the meaning of newwords - itaims to develop aproper understandingofthese leading-edge technologies. To achieve this, comprehensible definitions of technical terms are supported by numerous diagrams and code snippets, clearly annotated and explained. The main areas covered in this dictionary are: (1) XML syntax and core technologies, such as Namespaces, Infoset and XML Schema; (2) all the major membersofthe XML family oftechnologies, such as XSLT, XPath and XLink; (3) numerous XML-based domain-specific languages, such as NewsML (News Markup Language); (4) the concept and architecture of the Semantic Web; (5) key Semantic Web technologies,such as RDF (Resource Description Framework), RDF Schema and OWL (Web Ontology Language); and (6) Web services, including WSDL (Web Services Description Lan guage) and SOAP (Simple Object Access Protocol).

A complete update covering the many advances to the XML language The XML language has become the standard for writing documents on the Internet and is constantly improving and evolving. This new edition covers all the many new XML-based technologies that have appeared since the previous edition four years ago, providing you with an up-to-date introductory guide and reference. Packed with real-world code examples, best practices, and in-depth coverage of the most important and relevant topics, this authoritative resource

explores both the advantages and disadvantages of XML and addresses the most current standards and uses of XML. Features the most updated content built on audience feedback from the previous edition as well as the vast knowledge from XML developer teams Boasts new chapters on RELAX NG and Schematron, XML functionality in databases, LINQ to XML, Jabber and XMLPP, XHTML, HTML5, and more Offers in-depth coverage on extracting data from XML and updated material on Web Services Beginning XML, Fifth Edition delivers the most important aspects of XML in regard to what it is, how it works, what technologies surround it, and how it can best be used in a variety of situations.

"This 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and technology"--Provided by publisher.

EDBT 2004 Workshops PhD, DataX, PIM, P2P&DB, and ClustWeb, Heraklion, Crete, Greece, March 14-18, 2004, Revised Selected Papers

The British National Bibliography

Multiagent System Technologies

Advances in Computer Science - ASIAN 2005. Data Management on the Web

Dictionary of XML Technologies and the Semantic Web

Information Repositories

In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of

information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library. This book constitutes the thoroughly refereed proceedings of five workshops of the 13th International Conference on Web-Age Information Management, WAIM 2012, held in Harbin, China, in August 2012. The 34 revised full papers are organized in topical sections on the five following workshops: the First International Workshop on Graph Data Management and Mining (GDMM 2012), the Second International Wireless Sensor Networks Workshop (IWSN 2012), the First International Workshop on Massive Data Storage and Processing (MDSP 2012), the Third International Workshop on Unstructured Data Management (USDM 2012); the 4th International Workshop on XML Data Management (XMLDM 2012).

Advances in Computers remains at the forefront in presenting the new developments in the ever-changing field of information technology. Since 1960, Advances in Computers has chronicled the constantly shifting theories and methods of this technology that greatly shape our lives today. Information Repositories focuses on the use of large data repositories to store and retrieve information. This series is an invaluable addition to any university course in computer technology, as well as finding itself at home on the bookshelf of industrial practitioners. Includes in-depth surveys and tutorials on advances in Computer Technology Features the work of well-known authors and researchers in the field Provides a broad overview of important developments Contains extensive bibliographies

This book constitutes the refereed proceedings of the 8th International Conference on Extending Database Technology, EDBT 2002, held in Prague, Czech Republic, in March 2002. The 36 revised full papers presented together with six industrial and application papers, 13 software demos and one invited paper were carefully reviewed and selected from a total of 207 submissions. The papers are organized in topical sections on query transformation, data mining, XML, advanced query processing, moving objects, distributed data, distributed processing, advanced querying, XML-advanced querying, fundamental query services, estimation/histograms, and aggregation.

Encyclopedia of Information Science and Technology, Fourth Edition

Label Streams, Semantics Utilization and Data Query Technologies

4th Party Cyber Logistics for Air Cargo

Secure Data Management

10th Asian Computing Science Conference, Kunming, China, December 7-9, 2005, Proceedings

Advanced Methodologies and Technologies in Network Architecture, Mobile Computing, and Data Analytics

Since its first edition in 2003, the XML Database Symposium series (XSym) has been a forum for academics, practitioners, users and vendors, allowing all to discuss the use of and synergy between database management systems and XML. The previous symposia have provided opportunities for timely discussions on a broad range of topics pertaining to the theory and practice of XML data management and its applications. XSym 2009 continued this XSym tradition with a program consisting of 15 papers and a keynote shared with the 12th International Symposium on Database Programming Languages (DBPL 2009). We received 26 paper submissions, out of which eight papers were accepted as full papers, and seven as short/demo papers. Each submitted paper underwent a rigorous and careful review by four referees for long papers and three for the short ones. The contributions in these proceedings are a fine sample of the very best current - search in XML query processing, including full text, keyword and loosely structured queries, stream querying and joins, and materialized views. Among new theoretical advances we included work on a lambda-calculus model of XML and XPath, on m- ping from the enhanced entity-relationship conceptual model to the W3C XML Schema Language, on transactions, and extensions to XPath. Finally, work on data parallel algorithms, compression, and practical aspects of XQuery, including query forms and the use of Prolog are also part of this volume.

Welcome to the proceedings of the 2010 International Conferences on Database Theory and Application (DTA 2010), and Bio-Science and Bio-Technology (BSBT 2010) – two of the partnering events of the Second International Mega- Conference on Future Generation Information Technology (FGIT 2010). DTA and BSBT bring together researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of databases, data mining and biomedicine, including their links to computational sciences, mathematics and information technology. In total, 1,630 papers were submitted to FGIT 2010 from 30 countries, which includes 175 papers submitted to DTA/BSBT 2010. The submitted papers went through a rigorous reviewing process: 395 of the 1,630 papers were accepted for FGIT 2010, while 40 papers were accepted for DTA/BSBT 2010. Of the 40 papers 6 were selected for the special FGIT 2010 volume published by Springer in the LNCS series. 31 papers are published in this volume, and 3 papers were withdrawn due to technical reasons. We would like to acknowledge the great effort of the DTA/BSBT 2010 International Advisory Boards and members of the International Program Committees, as well as all the organizations and individuals who supported the idea of publishing this volume of proceedings, including SERSC and Springer. Also, the success of these two conferences would not have been possible without the huge support from our sponsors and the work of the Chairs and Organizing Committee. This volume comprises papers from the following ?ve workshops that were part of the complete program for the International Conference on Extending Database Technology (EDBT) held in Heraklion, Greece, March 2004: • ICDE/EDBT Joint Ph. D. Workshop (PhD) • Database Technologies for Handling XML-information on the Web (DataX) • Pervasive Information Management (PIM) • Peer-to-Peer Computing and Databases (P2P&DB) • Clustering Information Over the Web (ClustWeb) Together, the ?ve workshops featured 61 high-quality papers selected from appr- imately 180 submissions. It was, therefore, dif?cult to decide on the papers that were to beacceptedforpresentation. Webelievethattheacceptedpaperssubstantiallycontribute to their particular ?elds of research. The workshops were an excellent basis for intense and highly fruitful discussions. The quality and quantity of papers show that the areas of interest for the workshops are highly active. A large number of excellent researchers are working on the aforementioned ?elds producing research

output that is not only of interest for other researchers but also for industry. The organizers and participants of the workshops were highly satis?ed with the output. The high quality of the presenters and workshop participants contributed to the success of each workshop. The amazing environment of Heraklion and the location of the EDBT conference also contributed to the overall success. Last, but not least, our sincere thanks to the conference organizers – the organizing team was always willing to help and if there were things that did not work, assistance was quickly available.

"Temporal Information Processing Technology and Its Applications" systematically studies temporal information processing technology and its applications. The book covers following subjects: 1) time model, calculus and logic; 2) temporal data models, semantics of temporal variable 'now' temporal database concepts; 3) temporal query language, a typical temporal database management system: TempDB; 4) temporal extension on XML, workflow and knowledge base; and, 5) implementation patterns of temporal applications, a typical example of temporal application. The book is intended for researchers, practitioners and graduate students of databases, data/knowledge management and temporal information processing. Dr. Yong Tang is a professor at the Computer School, South China Normal University, China.

Future Generation Information Technology

Database and XML Technologies

Advances in Computers

International Conferences, DTA / BSBT 2010, Held as Part of the Future Generation Information Technology Conference, FGIT 2010, Jeju Island, Korea, December 13-15, 2010. Proceedings

American Book Publishing Record

9th International Conference, DASFAA 2004, Jeju Island, Korea, March 17-19, 2003, Proceedings

What is this book about? Extensible Markup Language (XML) is a rapidly maturing technology with powerful real-world applications, particularly for the management, display, and organization of data. Together with its many related technologies it is an essential technology for anyone using markup languages on the web or internally. This book teaches you all you need to know about XML — what it is, how it works, what technologies surround it, and how it can best be used in a variety of situations, from simple data transfer to using XML in your web pages. It builds on the strengths of the first edition, and provides new material to reflect the changes in the XML landscape — notably SOAP and Web Services, and the publication of the XML Schemas Recommendation by the W3C. What does this book cover? Here are just a few of the things this book covers: XML syntax and writing well-formed XML Using XML Namespaces Transforming XML into other formats with XSLT XPath and XPointer for locating specific XML data XML Validation using DTDs and XML Schemas Manipulating XML documents with the DOM and SAX 2.O SOAP and Web Services Displaying XML using CSS and XSL Incorporating XML into tradition databases and n-tier architectures XLink and XPointer for linking XML and non-XML resources Who is this book for? Beginning XML, 2nd Edition is for any developer who is interested in learning to use XML in web, e-commerce or data-storage applications. Some knowledge of mark up, scripting, and/or object oriented programming languages is advantageous, but not essential, as the basis of these techniques are

explained as required.

This book comprises selected papers of the 4th International Conference on Future Generation Information Technology, FGIT 2012, held in Gangneug, Korea, in December 2012. The papers presented were carefully reviewed and selected from numerous submissions and focus on the various aspects of advances in information technology. They were selected from the following 11 conferences: BSBT 2012, CGAG 2012, DCA 2012, DTA 2012, EL 2012, FGCN 2012, GDC 2012, IESH 2012, IUrC 2012, MulGraB 2012, and UNESST 2012.

From cloud computing to data analytics, society stores vast supplies of information through wireless networks and mobile computing. As organizations are becoming increasingly more wireless, ensuring the security and seamless function of electronic gadgets while creating a strong network is imperative. Advanced Methodologies and Technologies in Network Architecture, Mobile Computing, and Data Analytics highlights the challenges associated with creating a strong network architecture in a perpetually online society. Readers will learn various methods in building a seamless mobile computing option and the most effective means of analyzing big data. This book is an important resource for information technology professionals, software developers, data analysts, graduate-level students, researchers, computer engineers, and IT specialists seeking modern information on emerging methods in data mining, information technology, and wireless networks.

This book constitutes the refereed proceedings of the First International XML Database Symposium, XSym 2003, held in Berlin, Germany in September 2003. The 18 revised full papers presented were carefully reviewed and selected from 65 submissions. The papers are organized in topical sections on XML-relational database management systems, XML query processing, systems and tools for XML data processing, XML access structures, stream processing and updates, and design issues.

Selected papers of the 18th East European Conference on Advances in Databases and Information Systems and Associated Satellite Events, ADBIS 2014 Ohrid, Macedonia, September 7-10, 2014 Proceedings II

Advances in Databases and Information Systems

8th East European Conference, ADBIS 2004, Budapest, Hungary, September 22-25, 2004, Proceedings

Advances in Database Technology - EDBT 2002

Current Trends in Database Technology - EDBT 2004 Workshops

Advanced Applications and Structures in XML Processing: Label Streams, Semantics Utilization and Data Query Technologies

Although a number of cryptography and security techniques have been

*around for quite some time, emerging technologies, such as ubiquitous computing and ambient intelligence that exploit increasingly interconnected networks, mobility and personalization, put new requirements on privacy and security with respect to data management. As data are accessible anytime anywhere, according to these new concepts, it becomes much easier to get unauthorized data access. As another consequence, the use of new technologies has brought some privacy concerns. It becomes simpler to collect, store, and search personal information and endanger people's privacy. Therefore, research in the area of secure data management is of growing importance, attracting the attention of both the data managementand securityresearchcommunities. The interesting problemsrange from traditional topics, such as access control and general database security, via privacy preserving data mining, to new research directions, such as search on encrypted data and privacy-enhancing technologies. This year, the call for papers attracted 29 papers both from universities and industry. For presentation at the workshop,the ProgramCommittee selected 11 full papers (37% acceptance rate) as well as 4 position papers. These papers are also collected in this volume, which we hope will serve you as a useful research and reference material. When the first edition of this book was written, XML was a relatively new language but already gaining ground fast and becoming more and more widely used in a vast range of applications. By the time of the second edition, XML had already proven itself to be more than a passing fad, and was in fact being used throughout the industry for an incredibly wide range of uses. With the third edition, it was clear that XML was a mature technology, but more important, it became evident that the XML landscape was dividing into several areas of expertise. Now in this edition, we needed to categorize the increasing number of specifications surrounding XML, which either use XML or provide functionality in addition to the XML core specification. So what is XML? It's a markup language, used to describe the structure of data in meaningful ways. Anywhere that data is input/output, stored, or transmitted from one place to another, is a potential fit for XML's capabilities. Perhaps the most well-known applications are web-related (especially with the latest developments in handheld web access—for which some of the technology is XML-based). However, there are many other non-web-based applications for which XML is useful—for example, as a replacement for (or to complement) traditional databases, or for the transfer of financial information between businesses. News organizations, along with individuals, have also been using XML to distribute syndicated news stories and blog entries. This book aims to teach you all you need to know about XML—what it is, how it works, what technologies surround it, and how it can best be used in a variety of situations, from simple data transfer to using XML in your web pages. It answers the fundamental questions: * What is XML? * How do you use XML? * How does it work? * What can you use it for, anyway?*

Daily procedures such as scientific experiments and business processes

have the potential to create a huge amount of data every day, hour, or even second, and this may lead to a major problem for the future of efficient data search and retrieval as well as secure data storage for the world□s scientists, engineers, doctors, librarians, and business managers. Design, Performance, and Analysis of Innovative Information Retrieval examines a number of emerging technologies that significantly contribute to modern Information Retrieval (IR), as well as fundamental IR theories and concepts that have been adopted into new tools or systems. This reference is essential to researchers, educators, professionals, and students interested in the future of IR.

4th Party Cyber Logistics For Air Cargo is a technical discussion for researchers and practitioners to understand the issues, models, and future directions of air cargo logistics in the cyber era. This book introduces the many aspects of planning and control of air cargo logistics processes in an e-Business environment. The authors approach this subject matter from the perspective of the logistics service providers. There is tremendous potential of achieving industry-wide collaboration between agents of the air cargo industry via an e-Business community platform. At the same time, there are many intellectually challenging problems regarding the architecture, ownership, decision support environment, and knowledge management of such an e-Business platform. The authors provide an evolutionary view to conceptualize the developments of websites where e-Commerce activities and e-Business activities co-exist. Four Web eras are detailed, providing an impetus for the development of frameworks of an e-Business platform for air cargo logistics, or e-Platform. The conceptual framework captures the new elements in cyber logistics and what the framework can do for the industry.

Computer and Computing Technologies in Agriculture IV
8th International Conference on Extending Database Technology, Prague, Czech Republic, March 25-27, Proceedings
Distributed Computing and Internet Technology

Temporal Information Processing Technology and Its Applications
Encyclopedia of Information Science and Technology, Third Edition
"This book is for professionals and researchers working in the field of XML in various disciplines who want to improve their understanding of the XML data management technologies, such as XML models, XML query and update processing, XML query languages and their implementations, keywords search in XML documents, database, web service, publish/subscribe, medical information science, and e-business"--Provided by publisher.
Advances in web technology and the proliferation of sensors and mobile devices connected to the internet have resulted in the generation of immense data sets available on the web that need to be represented, saved, and exchanged. Massive data can be managed effectively and efficiently to support various problem-solving and decision-making techniques. Emerging Technologies and Applications in Data Processing and Management is a critical scholarly publication that examines the importance of data management strategies that coincide with advancements in

web technologies. Highlighting topics such as geospatial coverages, data analysis, and keyword query, this book is ideal for professionals, researchers, academicians, data analysts, web developers, and web engineers.

Information systems development underwent many changes as systems transitioned onto web-based forums. Complemented by advancements in security and technology, internet-based systems have become an information mainstay. The Handbook of Research on Contemporary Perspectives on Web-Based Systems is a critical scholarly resource that examines relevant theoretical frameworks, current practice guidelines, industry standards, and the latest empirical research findings in web-based systems. Featuring coverage on a wide range of topics such as data integration, mobile applications, and semantic web, this publication is geared toward computer engineers, IT specialists, software designers, professionals, researchers, and upper-level students seeking current and relevant research on the prevalence of these systems and advancements made to them. Inhaltsangabe:Abstract: The eXtensible Markup Language (XML) is receiving a great deal of attention from computing and Internet communities. This is mainly because of its ability to reduce obstacles in sharing data among diverse applications and databases by providing a common format for expressing data structure and content. The scope of this project is to investigate the current stage of XML and its usage for database systems. In order to understand the XML database technology a general introduction to both database systems and XML is provided to the reader in chapter two and three. Chapter four and five deal with the methodology and findings of this project. These chapters rely on articles, case studies and surveys which are examined and evaluated. Finally, a conclusion and review chapter is included. The analysis of the current adoption of XML among software developers revealed that in Spring 2001 more than one third of international developers already used XML. In 2001 they spent about 5.4% of their development time using XML. For 2002 it is predicted that they will spend an average of 9% of their development time using XML. Concerning XML databases there are currently two major XML related database types available. These are native XML and XML enabled relational databases. Native XML databases are constructed to use the recommended XML standards to the most possible extent. Thereby, the XML document is the fundamental unit of storage. XML enabled relational databases are relational databases equipped with an additional layer to map XML content in to the relational tables. XML documents are only used as a means of transport between the database systems. Native XML databases are better suited for dealing with document structured content whilst XML enabled relational databases are more appropriate to handle data structured content such as numbers and pieces of text. The implementation process of an XML related database system into an organisation requires the right management of change to be able to handle both the technology involved and the people affected by the database system. Therefore effective change management must cover the whole project life cycle from the formulation of the strategy to the achievement of the benefits. Inhaltsverzeichnis:Table of Contents: DISCLAIMERII CONTENTSIII LIST OF FIGURESVI LIST OF TABLESVII ABSTRACTVIII CHAPTER 1: INTRODUCTION1 1.1Background to this Study1 1.2Research Question2 1.3Task […]

Beginning XML

Web-Age Information Management

9th International Conference, ICA3PP 2009, Taipei, Taiwan, June 8-11, 2009, Proceedings

New Trends in Database and Information Systems II

4th German Conference, MATES 2006, Erfurt, Germany, September 19-20, 2006, Proceedings

E-Commerce and Web Technologies

Comprehensive, concise, and well-designed, this excellent resource features a wide range of challenging cases that will provide hours of instructive review for clinicians. The volume uses a clear case study format and includes excellent quality color images.

This volume contains the papers of 3 workshops and the doctoral consortium, which are organized in the framework of the 18th East-European Conference on Advances in Databases and Information Systems (ADBIS'2014). The 3rd International Workshop on GPUs in Databases (GID'2014) is devoted to subjects related to utilization of Graphics Processing Units in database environments. The use of GPUs in databases has not yet received enough attention from the database community. The intention of the GID workshop is to provide a discussion on popularizing the GPUs and providing a forum for discussion with respect to the GID's research ideas and their potential to achieve high speedups in many database applications. The 3rd International Workshop on Ontologies Meet Advanced Information Systems (OAIS'2014) has a twofold objective to present: new and challenging issues in the contribution of ontologies for designing high quality information systems, and new research and technological developments which use ontologies all over the life cycle of information systems. The 1st International Workshop on Technologies for Quality Management in Challenging Applications (TQMCA'2014) focuses on quality management and its importance in new fields such as big data, crowd-sourcing, and stream databases. The Workshop has addressed the need to develop novel approaches and technologies, and to entirely integrate quality management into information system management.

This book constitutes the refereed proceedings of the 4th German Conference on Multiagent Systems Technologies, MATES 2006, co-located with Net.ObjectDays (NoDe 2006). The 15 revised full papers presented were carefully reviewed and selected from 52 submissions. The papers are organized in topical sections on agent communication and interaction, applications and simulation, agent planning, agent-oriented software engineering, as well as trust and security.

This book constitutes the refereed proceedings of the 4th International Conference on E-Commerce 2003, held in Prague, Czech Republic in September 2003. The 42 revised full papers presented together with an invited paper and a position paper were carefully reviewed and selected from 108 submissions. The papers are organized in topical sections on auctions, security, agents and search, ebXML, modeling and technology, XML, design and performance, business processes, and brokering and recommender systems.

4th International XML Database Symposium, XSym 2006, Seoul, Korea, September 10-11, 2006, Proceedings

WAIM 2012 International Workshops: GDMM 2012, IWSN 2012, MDSP 2012, USDM 2012, and XMLDM 2012, Harbin, China, August 18-20, 2012. Proceedings

Algorithms and Architectures for Parallel Processing

Advances in Database Technology - EDBT 2006

6th International XML Database Symposium, XSym 2009, Lyon, France, August 24, 2009. Proceedings

4th International Conference, ICDCIT 2007, Bangalore, India, December, 17-20, 2007, Proceedings

Market_Desc: · Anyone who is interested in learning to use XML in web, e-commerce, or data storage applications· Readers who have already had exposure to XML will benefit from the entry-level approaches to some of the more advanced concepts of XML such as XML Schema or from using the book as a refresher to prepare for Ajax and other hot XML-dependent technologies Special Features: · Wrox!· New Web 2.0 technologies - especially Ajax - are built on XML and drive increased demand for developers to understand their XML foundations· In addition to adding cover of Ajax, this edition sports coverage of micro formats, other updated and new technologies, and

tighter, more focused examples About The Book: Beginning XML 4th Edition begins with a broad overview of the technology and then focuses on specific facets of the various specifications for the reader. This book teaches you all you need to know about XML what it is, how it works, what technologies surround it, and how it can best be used in a variety of situations, from simple data transfer to using XML in your web pages. In addition to the technical updates and additions, this edition takes great care to tightly focus the examples to help the reader better see the effect of the XML and spend less time looking at long sections of code that are fun for the example, but add no practical learning value.

This book constitutes the refereed proceedings of the 4th International XML Database Symposium, XSym 2006, held in conjunction with the International Conference on Very Large Data Bases, VLDB 2006. The book presents 8 revised full papers, focused on building XML repositories and covering query processing, caching, indexing and navigation support, structural matching, temporal XML, and XML updates. Topical sections include query evaluation and temporal XML, XPath and twigs, and XML updates.

This proceedings set contains selected Computer, Information and Education Technology related papers from the 2014 International Conference on Computer, Intelligent Computing and Education Technology (CICET 2014), held March 27-28, 2014 in Hong Kong. The proceedings aims to provide a platform for researchers, engineers and academics as well as indu

Since its first edition in 2003, the XML Database Symposium series (XSym) has been a forum for academics, practitioners, users and vendors, allowing all to discuss the use of and synergy between database management systems and XML. The symposia have provided many opportunities for timely discussions on a broad range of topics pertaining to the theory and practice of XML data management and its applications. XSym 2010 continued this XSym tradition with a program consisting of 11 papers and a keynote shared with the 36th International Conference on Very Large Data Bases (VLDB 2010). We received 20 paper submissions, out of which 8 papers were accepted as full papers, and 3 as short papers. Each submitted paper underwent a rigorous and careful review by four referees. The contributions in these proceedings are a fine sample of the current research in XML query processing, including XPath satisfiability, approximate joins, pattern matching, linear index construction for trees, dynamic labeling, and XQuery update translation based on schema. The papers focus on recent advances in detecting fu- tional dependencies, modeling complex XML twig pattern output, promoting sem- tics capability of XML keys, and searchable compression of Microsoft office do- ments. In addition, we include a paper that shares lessons learned from real XML database development.

10 International Conference on Extending Database Technology, Munich, Germany, 26-31 March 2006, Proceedings

4th IFIP TC 12 International Conference, CCTA 2010, Nanchang, China, October 22-25, 2010, Selected Papers, Part III

An Analysis of the Current Development Stage of the eXtensible Markup Language (XML) and its Usage for Database Systems

First International XML Database Symposium, XSYM 2003, Berlin, Germany, September 8, 2003, Proceedings

Handbook of Research on Contemporary Perspectives on Web-Based Systems Database Theory and Application, Bio-Science and Bio-Technology

This book constitutes the refereed proceedings of the 10th International Conference on Extending Database Technology, EDBT 2006, held in Munich, Germany, in March 2006. The 60 revised research papers presented together with eight industrial application papers, 20 software demos, and three invited contributions were carefully reviewed and selected from 352 submissions. The papers are organized in topical sections.

This book constitutes Part III of the refereed four-volume post-conference proceedings of the 4th IFIP TC 12 International Conference on Computer and Computing Technologies in Agriculture, CCTA 2010, held in Nanchang, China, in October 2010. The 352 revised papers presented were carefully selected from numerous submissions. They cover a wide range of interesting theories and applications of information technology in agriculture, including simulation models and decision-support systems for agricultural production, agricultural product quality testing, traceability and e-commerce technology, the application of information and communication technology in agriculture, and universal information service technology and service systems development in rural areas.

8th European Conference, ECDL 2004, Bath, UK, September 12-17, 2004, Proceedings
BEGINNING XML, 4TH ED

7th International XML Database Symposium, XSym 2010, Singapore, September 17, 2010, Proceedings
Database Systems for Advanced Applications
Design, Performance, and Analysis of Innovative Information Retrieval