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

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SINGLETON OCONNELL

*Database and XML
Technologies* IGI Global
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 Language) and SOAP (Simple Object Access Protocol).

4th International Conference, ICDCIT 2007, Bangalore, India, December, 17-20, 2007, Proceedings John Wiley & Sons

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.

Database Systems for Advanced Applications

Springer

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.

Temporal Information Processing Technology and Its Applications

Springer

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.

Encyclopedia of Information Science and Technology, Third Edition Elsevier

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.

Emerging Technologies and Applications in Data Processing and Management Springer 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 Libraries at the University of Bath, Bath, UK. This followed an impressive and geographically dispersed series of locations for previous events: Pisa (1997), Haklison (1998), Paris (1999), Lisbon (2000), Darmstadt (2001), Rome (2002), and Trondheim (2003). The conference reflected the rapidly evolving landscape of digital libraries, both in technology developments and in the focus of approaches to implementation. An emphasis on the requirements of the individual user and of diverse and distributed

user communities was apparent. In addition, the conference programme began to address, possibly for the first time, the associated themes of e-research/e-science and e-learning and their relationship to digital libraries. We observed increasing commonality in both the distributed information architectures and the technical standards that underpin global infrastructure developments. 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 flows within the scholarly knowledge cycle and provide essential enabling functionality for both learners and researchers. The varied and innovative research activities presented at ECDL 2004 demonstrate the exciting potential of this very fast-moving field. The 148 papers, 43 posters, 5 panels, 14 tutorials and 4 workshops submitted this year were once again of the highest quality.

Database Theory and Application, Bio-Science and Bio-

Technology Springer
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.
[Advances in Database Technology - EDBT 2006](#)
IGI Global

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, heterogeneous 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 British National Bibliography IGI Global 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 functional dependencies, modeling complex XML twig pattern output, promoting semantics capability of XML keys, and searchable compression of Microsoft office documents. In

addition, we include a paper that shares lessons learned from real XML database development.

New Trends in Database and Information Systems II Springer

"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.

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

This book constitutes the refereed proceedings of the 5th East European Conference on Advances in Databases and Information Systems, ADBIS 2001, held in Vilnius, Lithuania, in September 2001. The 25 revised full papers presented together with one invited paper and two abstracts of invited talks were carefully reviewed and selected from 82 submissions. The papers are organized in topical

sections on query optimization, multimedia and multilingual information systems, spatiotemporal aspects of databases, data mining, transaction processing, conceptual modeling and information systems specification, active databases, query methods, XML, and information systems design.

Beginning XML Springer Science & Business Media
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.

American Book Publishing Record

Springer
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.

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

Science & Business Media
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.

BEGINNING XML, 4TH ED
John Wiley & Sons

"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.

7th International XML Database Symposium, XSym 2010, Singapore, September 17, 2010, Proceedings Springer Science & Business Media
 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.

Computer, Intelligent Computing and Education Technology

Springer Science & Business Media
 "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.

Database and XML Technologies Springer Science & Business Media
 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 (OAIIS'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.

4th Party Cyber Logistics for Air Cargo
IGI Global

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.

WAIM 2012 International

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

Proceedings Springer

This book comprises selected papers of the 4th International Conference on Future Generation Information Technology, FGIT 2012, held in Gangneung, 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.