Free read An xml based framework for rapid development of (Download Only)

one of the only books on this subject to focus on xml s value as a business tool rather than the technology this book deals with important management issues and focuses on demonstrating xml s value as a business tool it emphasizes processes and business logic and will show you how to go about introducing this technology and what must be done to achieve a smooth implementation offers a management driven approach to xml based information systems architecture discusses important related standards such as rdf topic maps and xml schema describes the building blocks of an xml based architecture provides a blueprint for an organizational model of the roles and responsibilities of those involved in setting up an xml based architecture presents a management framework and methodology for developing xml based information systems prepare for the next generation of the internet with this in depth developer s guide to the net framework that utilizes xml to achieve greater flexibility of information and increased interoperability developing net services with xml introduces readers to the foundation for the net platform the book covers the history applications and implementation of the extensible markup language within microsoft s net framework readers will be given a thorough introduction to net and its xml building blocks while acquiring a firm grasp of how those blocks can be used to build any site or service so that it will federate and collaborate seamlessly with others equips developers with the tool necessary to take advantage of the next generation of the internet this book will provide web developers with a firm understanding of xml the building block of the net framework includes practical real life applications using xml unrivalled web based support readers can receive up to the minute links white papers and analysis for two years at solutions syngress com if you re seeking ways to build network based applications or xml based web services microsoft provides most of the tools you ll need xml is integrated into the net framework and visual studio net but if you want to get a grasp on how net and xml actually work together that s a different story with net xml you can get under the hood to see how the net framework implements xml giving you the skills to write understandable xml based code that interoperates with code written with other tools and even other languages net xml starts by introducing xml and the net framework and then teaches you how to read and write xml before moving on to complex methods for manipulating navigating transforming and constraining it to demonstrate the power of xml in net author niel bornstein builds a simple hardware store inventory system throughout the book as you move from chapter to chapter you ll absorb increasingly complex information until you have enough knowledge to successfully program your own xml based applications this tutorial also contains a quick reference to the api plus appendices present additional net assemblies that you can use to work with xml and how to work with the net xml configuration file format one study puts the potential market for new software based on xml at or near 100 billion over the next five years the net framework gives you a way to become a part of it but to use xml and net effectively you need to understand how these two technologies work together this book gives you the insight to take full advantage of the power the two provide this volume comprises papers from the following three workshops that were part of the complete program for the international conference on extending database technology edbt held in prague czech republic in march 2002 xml based data management xmldm second international workshop on multimedia data and document engineering mdde young researchers workshop yrws together the three workshops featured 48 high quality papers selected from approximately 130 submissions it was therefore difficult to decide on the papers that were to be accepted for presentation we believe that the accepted papers substantially contribute to their particular fields 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 in relevant fields producing research output that is not only of interest to other researchers but also for industry the organizers and participants of the workshops were highly satisfied with the output the high quality of the presenters and workshop participants contributed to the success of each workshop the amazing environment of prague 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 being the de facto standard for data representation and exchange over the xml extensible markup language allows the easy development of applications that exchange data over the this creates a set of data management requirements involving xml xml and related standards have been extensively applied in many business service and multimedia applications as a result a large volume of data is managed today directly in xml format with the wide and in depth utilization of xml in diverse application domains some particularities of data management in concrete applications emerge which challenge current xml technology this is very similar with the situation that some database models and special database systems have been developed so that databases can satisfy the need of managing diverse data well in data and knowledge intensive application systems one of the challenges can be generalized as the need to handle imprecise and uncertain information in xml data management by applying fuzzy logic

probability and more generally soft computing currently two kinds of situations are roughly identified in soft computing for xml data management applying soft computing for the intelligent processing of classical xml data applying soft computing for the representation and processing of imprecise and uncertain xml data for the former soft computing can be used for flexible query of xml document as well as xml data mining xml duplicate detection and so on 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 this volume contains the best papers presented at the 12th east european conference on advances in databases and information systems adbis 2008 held during s tember 5 9 2008 in pori finland the series of adbis conferences is the successor of the annual international workshops with the same title that during 1993 1996 were organized in russia by the moscow acm sigmod chapter adbis 2008 continues the series of adbis conferences held in st petersburg russia 1997 poznan poland 1998 maribor slovenia 1999 prague czech republic 2000 vilnius lithuania 2001 bratislava slovakia 2002 dresden germany 2003 budapest hungary 2004 tallinn estonia 2005 thessaloniki greece 2006 and varna bulgaria 2007 the conferences are initiated and supervised by an international steering committee chaired by professor leonid kalinichenko the adbis conferences established an outstanding reputation as a scientific event of high quality serving as an internationally highly visible showcase for research achie ments in the field of databases and information systems adbis 2008 aimed to create conditions for experienced researchers to impart their knowledge and experience to the young researchers at pre or post doctoral level and to promote interaction and colla ration between european research communities especially from central and east europe and the rest of the world the conference encourages contacts between the p ticipants who are nationals of but active outside the member states and associated states and their colleagues in member states and associated states special attention is paid to collaboration of researchers in central and east europe the emerging second generation is based entirely on xml and related technologies it is intended to result in the creation of the semantic on which computers will be able to deal with the meaning semantics of data and hence to process them in a more effective and autono mous way this new version of the 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 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 5 key semantic technologies such as rdf resource description framework rdf schema and owl ontology language and 6 services including wsdl services description lan guage and soap simple object access protocol xml in data management is for it managers and technical staff involved in the creation administration or maintenance of a data management infrastructure that includes xml for most it staff xml is either just a buzzword that is ignored or a silver bullet to be used in every nook and cranny of their organization the truth is in between the two this book provides the guidance necessary for data managers to make measured decisions about xml within their organizations readers will understand the uses of xml its component architecture its strategic implications and how these apply to data management takes a data centric view of xml explains how when and why to apply xml to data management systems covers xml component architecture data engineering frameworks metadata legacy systems and more discusses the various strengths and weaknesses of xml technologies in the context of organizational data management and integration the widespread use of xml in business and scientific databases has prompted the development of methodologies techniques and systems for effectively managing and analyzing xml data this has increasingly attracted the attention of different research communities including database information retrieval pattern recognition and machine learning from which several proposals have been offered to address problems in xml data management and knowledge discovery xml data mining models methods and applications aims to collect knowledge from experts of database information retrieval machine learning and knowledge management communities in developing models methods and systems for xml data mining this book addresses key issues and challenges in xml data mining offering insights into the various existing solutions and best practices for modeling processing analyzing xml data and for evaluating performance of xml data mining algorithms and systems grid computing denotes an approach to utilize distributed resources that are not subject to centralized control this approach fulfils computing requirements arising within the context of current high performance computing applications especially in the field of computational science and engineering this idea is analogous to an electric power network grid where power generators are distributed but the users are able to access electric power without bothering about the source of energy and its location current grid enabling technologies consist of stand alone architectures a typical architecture provides middleware access to various services at different hierarchical levels computational grids enable the sharing selection and aggregation of a wide variety of geographically distributed computational resources such as supercomputers clusters of computers storage systems data sources instruments people etc and present them as a single unified resource for solving large scale computations and data intensive

computing applications e g molecular modeling for drug design brain activity analysis high energy physics etc grid computing is a new emerging research area aiming to promote the development and advancement of technologies that provide seamless and scalable access to wide area distributed resources innovations through information technology aims to provide a collection of unique perspectives on the issues surrounding the management of information technology in organizations around the world and the ways in which these issues are addressed this valuable book is a compilation of features including the latest research in the area of it utilization and management in addition to being a valuable source in support of teaching and research agendas ruleml 2003 was the second international workshop on rules and rule markup languages for the semantic held in conjunction with the international semantic conference iswc the aim of the ruleml workshop series is to stimulate research on all issues related to web rule languages and to provide an annual forum for presenting and discussing new research results the semantic is a major world wide endeavor to advance the by enriching its multimedia document content with propositional information that can be processed by inference enabled applications rules and rule markup languages such as ruleml will play an important role in the success of the semantic rules will act as a means to draw inferences to express constraints tospecifypoliciesforreactingtoevents totransformdata etc rule markup languages will allow us to enrich ontologies by adding de nitions of derived concepts to publish rules on the to exchange rules between di erent systems and tools etc ruleml 2003 built on the success of ruleml 2002 which was held in c junction with iswc 2002 sardinia italy the proceedings of ruleml 2002 can be found at ceur ws org vol 60 special highlights of the ruleml 2003 workshop were the two invited pres tationsgivenbypeterchenon rules xml andtheermodel andbyharold boley on object oriented ruleml user level roles uri grounded clauses and order sorted terms this proceedings volume also contains an invited per by francois bry and sebastian scha ert on an entailment relation for reasoning on the since 1993 the information security management handbook has served not only as an everyday reference for information security practitioners but also as an important document for conducting the intense review necessary to prepare for the certified information system security professional cissp examination now completely revised and updated and in its fifth edition the handbook maps the ten domains of the information security common body of knowledge and provides a complete understanding of all the items in it this is a must have book both for preparing for the cissp exam and as a comprehensive up to date reference this volume of the lecture notes in computer science series contains all papers accepted for presentation at the 10th ifip ieee international workshop on distributed systems operations and management dsom 99 which took place at the eth zürich in switzerland and was hosted by the computer engineering and networking laboratory tik dsom 99 is the tenth workshop in a series of annual workshops and zürich is proud to host this 10th anniversary of the ieee ifip workshop dsom 99 follows highly successful meetings the most recent of which took place in delaware u s a dsom 98 sydney australia dsom 97 and l aquila italy dsom 96 dsom workshops attempt to bring together researchers from the area of network and service management in both industry and academia to discuss recent advancements and to foster further growth in this eld in contrast to the larger management symposia im in grated network management and noms network operations and management s posium dsom workshops follow a single track program in order to stimulate interaction and active participation the speci c focus of dsom 99 is active technologies for network and service management re ecting the current developments in the eld of active and program ble networks and about half of the papers in this workshop fall within this category reports on the recent advances in uml and xml based software evolution in terms of a wider range of techniques and applications provided by publisher cd rom contains ready to run sample programs along with trial versions of websphere and db2 beginning xml with c 2008 focuses on xml and how it is used within net 3 5 as you d expect of a modern application framework net 3 5 has extensive support for xml in everything from data access to configuration from raw parsing to code documentation this book demystifies all of this it explains the basics of xml as well as the namespaces and objects you need to know in order to work efficiently with xml you will see clear practical examples that illustrate best practices in action with this book you ll learn everything you need to know from the basics of reading and writing xml data to using the dom from linq and sql server integration to soap and web services this book constitutes the refereed proceedings of the 5th ieee international workshop on ip operations and management ipom 2005 held in barcelona spain in october 2005 the 21 revised full papers presented were carefully reviewed and selected for inclusion in the book they are organized in topical sections on operations and management for voip ims and managed ip services management of open interfaces qos and pricing in ngns autonomic communications policy based management routing and topologies routing and tools as well as experiences from testbeds and trials the 2004 ifip international conference on intelligence in communication s tems intellcomm2004 heldinbangkok thailand 23 26november2004 was the successor and an expansion of smartnet a series of annual conf ences on intelligence in networks held during 1995 2003 under the auspices of ifip tc6 s working group 6 7 the internet and provide more connection facilities hence the man man man machine and machine machine interactions will increase and communication will have an important role in modern s tems inordertoobtaine ectiveande cientcommunication artistic socialand technical issues have to be tackled in a holistic and integrated manner however communicationtechniques conceptsandsolutionswhichhavebeendevelopedso far treat these issues separately so that there arises a need for communication researchers and practitioners in di erent elds engineering science and arts to meet share their experience and explore all possibilities of developing in grated and advanced solutions which incorporate ideas from such disciplines as communication arts art design linguistics technologies computer system architecture and

protocols computer science and arti cial intelligence intellcomm 2004 was jointly sponsored by ifip wg 6 7 smart n works and wg 6 4 internet applications engineering and aimed to provide an international forum which brings academia researchers practitioners and s vice providers together the discussion areas covered the latest research topics andadvancedtechnologicalsolutionsintheareaofintelligenceincommunication systems ranging from architectures for adaptable networks services and sem ticwebservicestechnologiestointelligentserviceapplicationinterfaceand intelligent human interaction intellcomm 2004 received 112 paper submissions from 28 countries from these 24 were accepted and are included in this proceedings there were also 3 papers accepted for poster presentation published separately master the basics of xml as well as the namespaces and objects you need to know in order to work efficiently with xml you ll learn extensive support for xml in everything from data access to configuration from raw parsing to code documentation you will see clear practical examples that illustrate best practices in implementing xml apis and services as part of your c based windows 10 applications beginning xml with c 7 is completely revised to cover the xml features of net framework 4 7 using c 7 programming language in this update you ll discover the tight integration of xml with ado net and linq as well as additional net support for today s restful web services and api written by a microsoft most valuable professional and developer this book demystifies everything to do with xml and c 7 what you will learn discover how xml works with the net framework read write access validate and manipulate xml documents transform xml with xslt use xml serialization and web services combine xml in ado net and sql server create services using windows communication foundation work with linq use xml with api and more who this book is for those with experience in c and net new to the nuances of using xml some xml experience is helpful this book constitutes the refereed proceeding of the 7th international conference on flexible query answering systems fqas 2006 held in milan italy in june 2006 the 60 revised full papers presented were carefully reviewed and selected from numerous submissions the papers are organized in topical sections on flexibility in database management and quering vagueness and uncertainty in xml quering and retrieval information retrieval and filtering multimedia information access user modeling and personalization knowledge and data extraction intelligent information extraction from text and knowledge representation and reasoning xml is the logical choice for a powerful data medium transferable across applications and platforms this book takes a streamlined approach giving the reader all they need to hit the ground running without making them trawl through hundreds of pages of syntax the book is also thoroughly up to date covering the newest xml standards dom 3 0 xslt 2 0 xpath 2 0 and java tools including jaxb xerces2 j jaxp xml beans and many more and the relevant new features of java 5 and 6 in short the book gives readers all they need to master cutting edge xml development with java information engineering and applications is the field of study concerned with constructing information computing intelligent systems mathematical models numerical solution techniques and using computers and other electronic devices to analyze and solve natural scientific social scientific and engineering problems information engineering is an important underpinning for techniques used in information and computational science and there are many unresolved problems worth studying the proceedings of the 2nd international conference on information engineering and applications iea 2012 which was held in chongqing china from october 26 28 2012 discusses the most innovative research and developments including technical challenges and social legal political and economic issues a forum for engineers and scientists in academia industry and government the proceedings of the 2nd international conference on information engineering and applications presents ideas results works in progress and experience in all aspects of information engineering and applications this two volume set ccis 188 and ccis 189 constitutes the refereed proceedings of the international conference on digital information processing and communications icdipc 2011 held in ostrava czech republic in july 2011 the 91 revised full papers of both volumes presented together with 4 invited talks were carefully reviewed and selected from 235 submissions the papers are organized in topical sections on network security applications data mining neural networks distributed and parallel processing biometrics technologies e learning information ethics image processing information and data management software engineering data compression networks computer security hardware and systems multimedia ad hoc network artificial intelligence signal processing cloud computing forensics security software and systems mobile networking and some miscellaneous topics in digital information and communications xml is the de facto language for communication both within and between distributed applications whether they are on the internet or a corporate network no matter how disparate applications and their architectures may be almost everything can read text files and hence can accept xml data this book provides a complete solution to xml on the net 2 0 framework including the new net 3 0 extensions it provides readers with everything they need to know to take advantage of xml in every aspect of their working lives up to and including integration using windows communication foundation this book constitutes the refereed proceedings of the international ruleml symposium on rule interchange and applications ruleml 2007 held in orlando florida october 2007 the papers are organized in topical sections on business process policy and it service management and modeling rule languages and interchange standards business rules rule engines and applications ruleml 2007 challenge rules reasoning and ontologies and reaction rules and rule applications this book constitutes the refereed proceedings of the 5th asia pacific conference ap2003 held in xian china in april 2003 the 39 revised full papers and 16 short papers presented together with two invited papers were carefully reviewed and selected from a total of 136 submissions the papers are organized in topical sections on xml and database design efficient xml data management xml transformation mining clustering ranking and profiling payment and security application architectures advanced applications multimedia network

protocols workflow management systems advanced search and data allocation and replication provides a single record of technologies and practices of the semantic approach to the management organization interpretation retrieval and use of based data for courses in internet world wide javaintro to programming cs1 programming and design html xml and internet survey an introduction to the markup technology of xml this text covers its features and abilities as well as explains the strategic importance for developing web based applications it 1 helps students envision how xml can be used to gain a competitive advantage in e commerce 2 offers substantial hands on experience in using and understanding the workings of xml 3 clarifies confusing terminology that currently pervades the field and 4 encourages the development of more sophisticated e commerce applications the book also shows students the many ways that xml based applications can be deployed using available technologies and referring to anticipated developments based on work in progress this publication focuses on two main aspects the seamless integration of xml and persistency concepts into the object oriented programming language java xml is the de facto standard data exchange format between arbitrary applications there have been many efforts to integrate xml into programming languages reaching from the simple document object model dom to whole xml class generators these approaches are available in most popular programming languages the integration of persistency into programming languages has been done by database programming languages as well as by certain new popular frameworks like hibernate or approaches like ejb nevertheless these approaches suffer from certain limitations concerning in particular transparency and object orientation while existing database programming languages integrate the relational model hibernate and ejb 3 x does not support polymorphism in general ejb 2 x does not even support inheritance in addition although they try to the approaches except by some database programming languages are not transparent in this work transparency means that arbitrary types may become persistent moreover algorithms remain unchanged whether they are executed on transient or persistent objects finally users can work with persistency on a very high level since there are so many currently developed frameworks trying to solve the integration problem of xml and persistency into object oriented programming languages the need for a holistic and transparent object oriented database programming language seems to be there the starting point of xobedbpl which stands for xml objects database programming language is the predecessor project xobe xobe concentrates on the integration of xml objects and xpath as the query language for these objects the most important feature of xobe is that each xml operation is statically type checked against the declared xml schema in xobedbpl the xml integration is extended regarding the manipulation of xml objects before xml objects could only be queried but not updated the static type checking idea is kept and enhanced to include updates while xobe s intentions lie on the development of web applications all objects can remain transient xobedbpl is supposed to deal with persistent objects as well the industrial information technology handbook focuses on existing and emerging industrial applications of it and on evolving trends that are driven by the needs of companies and by industry led consortia and organizations emphasizing fast growing areas that have major impacts on industrial automation and enterprise integration the handbook covers topics such as industrial communication technology sensors and embedded systems the book is organized into two parts part 1 presents material covering new and quickly evolving aspects of it part 2 introduces cutting edge areas of industrial it the handbook presents material in the form of tutorials surveys and technology overviews combining fundamentals and advanced issues with articles grouped into sections for a cohesive and comprehensive presentation the text contains 112 contributed reports by industry experts from government companies at the forefront of development and some of the most renowned academic and research institutions worldwide several of the reports on recent developments actual deployments and trends cover subject matter presented to the public for the first time proceedings of spie present the original research papers presented at spie conferences and other high quality conferences in the broad ranging fields of optics and photonics these books provide prompt access to the latest innovations in research and technology in their respective fields proceedings of spie are among the most cited references in patent literature go beyond the obvious and explore the secrets behind asp net with this comprehensive guide leading authorities in the field expose the hidden functionality within the asp net model revealing everything from controls and screen scraping to configuration and versioning techniques these expert tips and tricks will help you gain the skills you need to quickly develop your own practical asp net applications the insider s guide to uploading multiple files from a single page see chapter 5 double checking client side validation see chapter 9 nesting user controls see chapter 10 using the code behind model with notepad see chapter 12 supporting specific net framework versions see chapter 13 debugging a sql server stored procedure from visual studio net see chapter 14 streaming attachments see chapter 18 screen scraping using wsdl documents and proxy classes see chapter 30 integrating mobile emulators with visual studio net see chapter 33 the handbook of information security is a definitive 3 volume handbook that offers coverage of both established and cutting edge theories and developments on information and computer security the text contains 207 articles from over 200 leading experts providing the benchmark resource for information security network security information privacy and information warfare midwest

Information Architecture with XML 2003-10-31 one of the only books on this subject to focus on xml s value as a business tool rather than the technology this book deals with important management issues and focuses on demonstrating xml s value as a business tool it emphasizes processes and business logic and will show you how to go about introducing this technology and what must be done to achieve a smooth implementation offers a management driven approach to xml based information systems architecture discusses important related standards such as rdf topic maps and xml schema describes the building blocks of an xml based architecture provides a blueprint for an organizational model of the roles and responsibilities of those involved in setting up an xml based architecture presents a management framework and methodology for developing xml based information systems

Developing .Net Web Services With XML 2002-07-24 prepare for the next generation of the internet with this in depth developer s guide to the net framework that utilizes xml to achieve greater flexibility of information and increased interoperability developing net services with xml introduces readers to the foundation for the net platform the book covers the history applications and implementation of the extensible markup language within microsoft s net framework readers will be given a thorough introduction to net and its xml building blocks while acquiring a firm grasp of how those blocks can be used to build any site or service so that it will federate and collaborate seamlessly with others equips developers with the tool necessary to take advantage of the next generation of the internet this book will provide web developers with a firm understanding of xml the building block of the net framework includes practical real life applications using xml unrivalled web based support readers can receive up to the minute links white papers and analysis for two years at solutions syngress com

.NET & XML 2003-11-24 if you re seeking ways to build network based applications or xml based web services microsoft provides most of the tools you ll need xml is integrated into the net framework and visual studio net but if you want to get a grasp on how net and xml actually work together that s a different story with net xml you can get under the hood to see how the net framework implements xml giving you the skills to write understandable xml based code that interoperates with code written with other tools and even other languages net xml starts by introducing xml and the net framework and then teaches you how to read and write xml before moving on to complex methods for manipulating navigating transforming and constraining it to demonstrate the power of xml in net author niel bornstein builds a simple hardware store inventory system throughout the book as you move from chapter to chapter you ll absorb increasingly complex information until you have enough knowledge to successfully program your own xml based applications this tutorial also contains a quick reference to the api plus appendices present additional net assemblies that you can use to work with xml and how to work with the net xml configuration file format one study puts the potential market for new software based on xml at or near 100 billion over the next five years the net framework gives you a way to become a part of it but to use xml and net effectively you need to understand how these two technologies work together this book gives you the insight to take full advantage of the power the two provide

XML-Based Data Management and Multimedia Engineering - EDBT 2002 Workshops 2002-11-19 this volume comprises papers from the following three workshops that were part of the complete program for the international conference on extending database technology edbt held in prague czech republic in march 2002 xml based data management xmldm second international workshop on multimedia data and document engineering mdde young researchers workshop yrws together the three workshops featured 48 high quality papers selected from approximately 130 submissions it was therefore difficult to decide on the papers that were to be accepted for presentation we believe that the accepted papers substantially contribute to their particular fields 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 in relevant fields producing research output that is not only of interest to other researchers but also for industry the organizers and participants of the workshops were highly satisfied with the output the high quality of the presenters and workshop participants contributed to the success of each workshop the amazing environment of prague 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

Soft Computing in XML Data Management 2010-09-07 being the de facto standard for data representation and exchange over the xml extensible markup language allows the easy development of applications that exchange data over the this creates a set of data management requirements involving xml xml and related standards have been extensively applied in many business service and multimedia applications as a result a large volume of data is managed today directly in xml format with the wide and in depth utilization of xml in diverse application domains some particularities of data management in concrete applications emerge which challenge current xml technology this is very similar with the situation that some database models and special database systems have been developed so that databases can satisfy the need of managing diverse data well in data and knowledge intensive application systems one of the challenges can be generalized as the need to handle imprecise and uncertain information in xml data management by applying fuzzy logic probability and more generally soft computing currently two kinds of situations are roughly identified in soft computing for xml data management applying soft computing for the intelligent processing of classical xml data applying soft computing for the representation and processing of imprecise and uncertain xml data for the former soft computing can be used for flexible query of xml

document as well as xml data mining xml duplicate detection and so on

Optimizing XML-based Grid Services on Multi-core Processors Using an Emulation Framework 2007 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

Advanced Applications and Structures in XML Processing: Label Streams, Semantics Utilization and Data Query Technologies 2010-02-28 this volume contains the best papers presented at the 12th east european conference on advances in databases and information systems adbis 2008 held during s tember 5 9 2008 in pori finland the series of adbis conferences is the successor of the annual international workshops with the same title that during 1993 1996 were organized in russia by the moscow acm sigmod chapter adbis 2008 continues the series of adbis conferences held in st petersburg russia 1997 poznan poland 1998 maribor slovenia 1999 prague czech republic 2000 vilnius lithuania 2001 bratislava slovakia 2002 dresden germany 2003 budapest hungary 2004 tallinn estonia 2005 thessaloniki greece 2006 and varna bulgaria 2007 the conferences are initiated and supervised by an international steering committee chaired by professor leonid kalinichenko the adbis conferences established an outstanding reputation as a scientific event of high quality serving as an internationally highly visible showcase for research achie ments in the field of databases and information systems adbis 2008 aimed to create conditions for experienced researchers to impart their knowledge and experience to the young researchers at pre or post doctoral level and to promote interaction and colla ration between european research communities especially from central and east europe and the rest of the world the conference encourages contacts between the p ticipants who are nationals of but active outside the member states and associated states and their colleagues in member states and associated states special attention is paid to collaboration of researchers in central and east europe

Advances in Databases and Information Systems 2008-08-19 the emerging second generation is based entirely on xml and related technologies it is intended to result in the creation of the semantic on which computers will be able to deal with the meaning semantics of data and hence to process them in a more effective and autono mous way this new version of the 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 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 5 key semantic technologies such as rdf resource description framework rdf schema and owl ontology language and 6 services including wsdl services description lan guage and soap simple object access protocol

Dictionary of XML Technologies and the Semantic Web 2012-12-06 xml in data management is for it managers and technical staff involved in the creation administration or maintenance of a data management infrastructure that includes xml for most it staff xml is either just a buzzword that is ignored or a silver bullet to be used in every nook and cranny of their organization the truth is in between the two this book provides the guidance necessary for data managers to make measured decisions about xml within their organizations readers will understand the uses of xml its component architecture its strategic implications and how these apply to data management takes a data centric view of xml explains how when and why to apply xml to data management systems covers xml component architecture data engineering frameworks metadata legacy systems and more discusses the various strengths and weaknesses of xml technologies in the context of organizational data management and integration

XML in Data Management 2004-07-01 the widespread use of xml in business and scientific databases has prompted the development of methodologies techniques and systems for effectively managing and analyzing xml data this has increasingly attracted the attention of different research communities including database information retrieval pattern recognition and machine learning from which several proposals have been offered to address problems in xml data management and knowledge discovery xml data mining models methods and applications aims to collect knowledge from experts of database information retrieval machine learning and knowledge management communities in developing models methods and systems for xml data mining this book addresses key issues and challenges in xml data mining offering insights into the various existing solutions and best practices for modeling processing analyzing xml data and for evaluating performance of xml data mining algorithms and systems

XML Data Mining: Models, Methods, and Applications 2011-11-30 grid computing denotes an approach to utilize distributed resources that are not subject to centralized control this approach fulfils computing requirements arising within the context of current high performance computing applications especially in the field of computational science and engineering this idea is analogous to an electric power network grid where power generators are distributed but the users are able to

access electric power without bothering about the source of energy and its location current grid enabling technologies consist of stand alone architectures a typical architecture provides middleware access to various services at different hierarchical levels computational grids enable the sharing selection and aggregation of a wide variety of geographically distributed computational resources such as supercomputers clusters of computers storage systems data sources instruments people etc and present them as a single unified resource for solving large scale computations and data intensive computing applications e g molecular modeling for drug design brain activity analysis high energy physics etc grid computing is a new emerging research area aiming to promote the development and advancement of technologies that provide seamless and scalable access to wide area distributed resources

Grid Technologies 2006 innovations through information technology aims to provide a collection of unique perspectives on the issues surrounding the management of information technology in organizations around the world and the ways in which these issues are addressed this valuable book is a compilation of features including the latest research in the area of it utilization and management in addition to being a valuable source in support of teaching and research agendas

Innovations Through Information Technology 2004-01-01 ruleml 2003 was the second international workshop on rules and rule markup languages for the semantic held in conjunction with the international semantic conference iswc the aim of the ruleml workshop series is to stimulate research on all issues related to web rule languages and to provide an annual forum for presenting and discussing new research results the semantic is a major world wide endeavor to advance the by enriching its multimedia document content with propositional information that can be processed by inference enabled applications rules and rule markup languages such as ruleml will play an important role in the success of the semantic rules will act as a means to draw inferences to express constraints tospecifypoliciesforreactingtoevents totransformdata etc rule markup languages will allow us to enrich ontologies by adding de nitions of derived concepts to publish rules on the to exchange rules between di erent systems and tools etc ruleml 2003 built on the success of ruleml 2002 which was held in c junction with iswc 2002 sardinia italy the proceedings of ruleml 2002 can be found at ceur ws org vol 60 special highlights of the ruleml 2003 workshop were the two invited pres tationsgivenbypeterchenon rules xml andtheermodel andbyharold boley on object oriented ruleml user level roles uri grounded clauses and order sorted terms this proceedings volume also contains an invited per by francois bry and sebastian scha ert on an entailment relation for reasoning on the

Signal 2011 since 1993 the information security management handbook has served not only as an everyday reference for information security practitioners but also as an important document for conducting the intense review necessary to prepare for the certified information system security professional cissp examination now completely revised and updated and in its fifth edition the handbook maps the ten domains of the information security common body of knowledge and provides a complete understanding of all the items in it this is a must have book both for preparing for the cissp exam and as a comprehensive up to date reference

Rules and Rule Markup Languages for the Semantic Web 2003-10-09 this volume of the lecture notes in computer science series contains all papers accepted for presentation at the 10th ifip ieee international workshop on distributed systems operations and management dsom 99 which took place at the eth zürich in switzerland and was hosted by the computer engineering and networking laboratory tik dsom 99 is the tenth workshop in a series of annual workshops and zürich is proud to host this 10th anniversary of the ieee ifip workshop dsom 99 follows highly successful meetings the most recent of which took place in delaware u s a dsom 98 sydney australia dsom 97 and l aquila italy dsom 96 dsom workshops attempt to bring together researchers from the area of network and service management in both industry and academia to discuss recent advancements and to foster further growth in this eld in contrast to the larger management symposia im in grated network management and noms network operations and management s posium dsom workshops follow a single track program in order to stimulate interaction and active participation the speci c focus of dsom 99 is active technologies for network and service management re ecting the current developments in the eld of active and program ble networks and about half of the papers in this workshop fall within this category

Information Security Management Handbook 2004-12-28 reports on the recent advances in uml and xml based software evolution in terms of a wider range of techniques and applications provided by publisher

Active Technologies for Network and Service Management 2003-07-31 cd rom contains ready to run sample programs along with trial versions of websphere and db2

Advances in UML and XML-based Software Evolution 2005-01-01 beginning xml with c 2008 focuses on xml and how it is used within net 3 5 as you d expect of a modern application framework net 3 5 has extensive support for xml in everything from data access to configuration from raw parsing to code documentation this book demystifies all of this it explains the basics of xml as well as the namespaces and objects you need to know in order to work efficiently with xml you will see clear practical examples that illustrate best practices in action with this book you ll learn everything you need to know from the basics of reading and writing xml data to using the dom from linq and sql server integration to soap and web services

XML and Java 2002 this book constitutes the refereed proceedings of the 5th ieee international workshop on ip operations and management ipom 2005 held in

barcelona spain in october 2005 the 21 revised full papers presented were carefully reviewed and selected for inclusion in the book they are organized in topical sections on operations and management for voip ims and managed ip services management of open interfaces qos and pricing in ngns autonomic communications policy based management routing and topologies routing and tools as well as experiences from testbeds and trials

Beginning XML with C# 2008 2008-09-02 the 2004 ifip international conference on intelligence in communication s tems intellcomm2004 heldinbangkok thailand 23 26november2004 was the successor and an expansion of smartnet a series of annual conf ences on intelligence in networks held during 1995 2003 under the auspices of ifip tc6 s working group 6 7 the internet and provide more connection facilities hence the man man man machine and machine machine interactions will increase and communication will have an important role in modern s tems inordertoobtaine ectiveande cientcommunication artistic socialand technical issues have to be tackled in a holistic and integrated manner however communicationtechniques conceptsandsolutionswhichhavebeendevelopedso far treat these issues separately so that there arises a need for communication researchers and practitioners in di erent elds engineering science and arts to meet share their experience and explore all possibilities of developing in grated and advanced solutions which incorporate ideas from such disciplines as communication arts art design linguistics technologies computer system architecture and protocols computer science and arti cial intelligence intellcomm 2004 was jointly sponsored by ifip wg 6 7 smart n works and wg 6 4 internet applications engineering and aimed to provide an international forum which brings academia researchers practitioners and s vice providers together the discussion areas covered the latest research topics andadvancedtechnologicalsolutionsintheareaofintelligenceincommunication systems ranging from architectures for adaptable networks services and sem ticwebservicestechnologiestointelligentserviceapplicationinterfaceand intelligent human interaction intellcomm 2004 received 112 paper submissions from 28 countries from these 24 were accepted and are included in this proceedings there were also 3 papers accepted for poster presentation published separately

Operations and Management in IP-Based Networks 2005-10-11 master the basics of xml as well as the namespaces and objects you need to know in order to work efficiently with xml you ll learn extensive support for xml in everything from data access to configuration from raw parsing to code documentation you will see clear practical examples that illustrate best practices in implementing xml apis and services as part of your c based windows 10 applications beginning xml with c 7 is completely revised to cover the xml features of net framework 4 7 using c 7 programming language in this update you ll discover the tight integration of xml with ado net and linq as well as additional net support for today s restful web services and api written by a microsoft most valuable professional and developer this book demystifies everything to do with xml and c 7 what you will learn discover how xml works with the net framework read write access validate and manipulate xml documents transform xml with xslt use xml serialization and web services combine xml in ado net and sql server create services using windows communication foundation work with linq use xml with api and more who this book is for those with experience in c and net new to the nuances of using xml some xml experience is helpful

Intelligence in Communication Systems 2004-11-03 this book constitutes the refereed proceeding of the 7th international conference on flexible query answering systems fqas 2006 held in milan italy in june 2006 the 60 revised full papers presented were carefully reviewed and selected from numerous submissions the papers are organized in topical sections on flexibility in database management and quering vagueness and uncertainty in xml quering and retrieval information retrieval and filtering multimedia information access user modeling and personalization knowledge and data extraction intelligent information extraction from text and knowledge representation and reasoning

Beginning XML with C# 7 2017-11-27 xml is the logical choice for a powerful data medium transferable across applications and platforms this book takes a streamlined approach giving the reader all they need to hit the ground running without making them trawl through hundreds of pages of syntax the book is also thoroughly up to date covering the newest xml standards dom 3 0 xslt 2 0 xpath 2 0 and java tools including jaxb xerces2 j jaxp xml beans and many more and the relevant new features of java 5 and 6 in short the book gives readers all they need to master cutting edge xml development with java

Flexible Query Answering Systems 2006-05-30 information engineering and applications is the field of study concerned with constructing information computing intelligent systems mathematical models numerical solution techniques and using computers and other electronic devices to analyze and solve natural scientific social scientific and engineering problems information engineering is an important underpinning for techniques used in information and computational science and there are many unresolved problems worth studying the proceedings of the 2nd international conference on information engineering and applications iea 2012 which was held in chongqing china from october 26 28 2012 discusses the most innovative research and developments including technical challenges and social legal political and economic issues a forum for engineers and scientists in academia industry and government the proceedings of the 2nd international conference on information engineering and applications presents ideas results works in progress and experience in all aspects of information engineering and applications

Pro XML Development with Java Technology 2007-02-01 this two volume set ccis 188 and ccis 189 constitutes the refereed proceedings of the international

conference on digital information processing and communications icdipc 2011 held in ostrava czech republic in july 2011 the 91 revised full papers of both volumes presented together with 4 invited talks were carefully reviewed and selected from 235 submissions the papers are organized in topical sections on network security applications data mining neural networks distributed and parallel processing biometrics technologies e learning information ethics image processing information and data management software engineering data compression networks computer security hardware and systems multimedia ad hoc network artificial intelligence signal processing cloud computing forensics security software and systems mobile networking and some miscellaneous topics in digital information and communications

Proceedings of the International Conference on Information Engineering and Applications (IEA) 2012 2013-04-09 xml is the de facto language for communication both within and between distributed applications whether they are on the internet or a corporate network no matter how disparate applications and their architectures may be almost everything can read text files and hence can accept xml data this book provides a complete solution to xml on the net 2 0 framework including the new net 3 0 extensions it provides readers with everything they need to know to take advantage of xml in every aspect of their working lives up to and including integration using windows communication foundation

Digital Information Processing and Communications, Part II 2011-06-28 this book constitutes the refereed proceedings of the international ruleml symposium on rule interchange and applications ruleml 2007 held in orlando florida october 2007 the papers are organized in topical sections on business process policy and it service management and modeling rule languages and interchange standards business rules rule engines and applications ruleml 2007 challenge rules reasoning and ontologies and reaction rules and rule applications

Pro .NET 2.0 XML 2007-09-08 this book constitutes the refereed proceedings of the 5th asia pacific conference ap2003 held in xian china in april 2003 the 39 revised full papers and 16 short papers presented together with two invited papers were carefully reviewed and selected from a total of 136 submissions the papers are organized in topical sections on xml and database design efficient xml data management xml transformation mining clustering ranking and profiling payment and security application architectures advanced applications multimedia network protocols workflow management systems advanced search and data allocation and replication

Advances in Rule Interchange and Applications 2007-11-15 provides a single record of technologies and practices of the semantic approach to the management organization interpretation retrieval and use of based data

Web Technologies and Applications 2003-04-07 for courses in internet world wide javaintro to programming cs1 programming and design html xml and internet survey an introduction to the markup technology of xml this text covers its features and abilities as well as explains the strategic importance for developing web based applications it 1 helps students envision how xml can be used to gain a competitive advantage in e commerce 2 offers substantial hands on experience in using and understanding the workings of xml 3 clarifies confusing terminology that currently pervades the field and 4 encourages the development of more sophisticated e commerce applications the book also shows students the many ways that xml based applications can be deployed using available technologies and referring to anticipated developments based on work in progress

The Semantic Web for Knowledge and Data Management 2008-08-31 this publication focuses on two main aspects the seamless integration of xml and persistency concepts into the object oriented programming language java xml is the de facto standard data exchange format between arbitrary applications there have been many efforts to integrate xml into programming languages reaching from the simple document object model dom to whole xml class generators these approaches are available in most popular programming languages the integration of persistency into programming languages has been done by database programming languages as well as by certain new popular frameworks like hibernate or approaches like ejb nevertheless these approaches suffer from certain limitations concerning in particular transparency and object orientation while existing database programming languages integrate the relational model hibernate and ejb 3 x does not support polymorphism in general ejb 2 x does not even support inheritance in addition although they try to the approaches except by some database programming languages are not transparent in this work transparency means that arbitrary types may become persistent moreover algorithms remain unchanged whether they are executed on transient or persistent objects finally users can work with persistency on a very high level since there are so many currently developed frameworks trying to solve the integration problem of xml and persistency into object oriented programming languages the need for a holistic and transparent object oriented database programming language seems to be there the starting point of xobedbpl which stands for xml objects database programming language is the predecessor project xobe xobe concentrates on the integration of xml objects and xpath as the query language for these objects the most important feature of xobe is that each xml operation is statically type checked against the declared xml schema in xobedbpl the xml integration is extended regarding the manipulation of xml objects before xml objects could only be queried but not updated the static type checking idea is kept and enhanced to include updates while xobe s intentions lie on the development of web applications all objects can remain transient xobedbpl is supposed to deal with persistent objects as well

Introduction to Applied XML Technologies in Business 2003 the industrial information technology handbook focuses on existing and emerging industrial applications of it and on evolving trends that are driven by the needs of companies and by industry led consortia and organizations emphasizing fast growing areas that have major impacts on industrial automation and enterprise integration the handbook covers topics such as industrial communication technology sensors and embedded systems the book is organized into two parts part 1 presents material covering new and quickly evolving aspects of it part 2 introduces cutting edge areas of industrial it the handbook presents material in the form of tutorials surveys and technology overviews combining fundamentals and advanced issues with articles grouped into sections for a cohesive and comprehensive presentation the text contains 112 contributed reports by industry experts from government companies at the forefront of development and some of the most renowned academic and research institutions worldwide several of the reports on recent developments actual deployments and trends cover subject matter presented to the public for the first time

Health Data in the Information Society 2002 proceedings of spie present the original research papers presented at spie conferences and other high quality conferences in the broad ranging fields of optics and photonics these books provide prompt access to the latest innovations in research and technology in their respective fields proceedings of spie are among the most cited references in patent literature

Information Integration and Web-based Applications & Services, 2000 2000 go beyond the obvious and explore the secrets behind asp net with this comprehensive guide leading authorities in the field expose the hidden functionality within the asp net model revealing everything from controls and screen scraping to configuration and versioning techniques these expert tips and tricks will help you gain the skills you need to quickly develop your own practical asp net applications the insider s guide to uploading multiple files from a single page see chapter 5 double checking client side validation see chapter 9 nesting user controls see chapter 10 using the code behind model with notepad see chapter 12 supporting specific net framework versions see chapter 13 debugging a sql server stored procedure from visual studio net see chapter 14 streaming attachments see chapter 18 screen scraping using wsdl documents and proxy classes see chapter 30 integrating mobile emulators with visual studio net see chapter 33

Design and Implementation of a Database Programming Language for XML-based Applications 2006 the handbook of information security is a definitive 3 volume handbook that offers coverage of both established and cutting edge theories and developments on information and computer security the text contains 207 articles from over 200 leading experts providing the benchmark resource for information security network security information privacy and information warfare midwest

The Industrial Information Technology Handbook 2018-10-03

Proceedings of the ... ACM International Workshop on Wireless Mobile Applications and Services on WLAN Hotspots 2004

Enabling Technologies for Simulation Science VIII 2004

ASP.NET Professional Secrets 2003-10-10

The Internet Encyclopedia, 3 Volume Set 2004