Chapter 3 Distributed Database Design Unibz

Introductory, theory-practice balanced text teaching the fundamentals of databases to advanced undergraduates or graduate students in information systems or computer science.

Manufacturers worldwide are faced with unprecedented challenges from international competition, changing production processes and technologies, shorter production life-cycles, market globalization and environmental requirements. Fundamental to meeting these challenges is the understanding and control of information across all stages of the Computer Integrated Manufacturing (CIM) process. Modern Manufacturing presents the state of the art in the information-oriented aspects of CIM and Intelligent Manufacturing Systems. Particular emphasis is placed on the impact of new software engineering technologies, the object-oriented approach, database design, hierarchical control and intelligent systems. The contributions are written by experts from Europe and the USA.

N etwork-based computing domain unifies all best research efforts presented from single

computer systems to networked systems to render overwhelming computational power for several modern day applications. Although this power is expected to grow with respect to time due to tech nological advancements, application requirements impose a continuous thrust on network utilization and on the resources to deliver supreme quality of service. Strictly speaking, network-based computing dornain has no confined scope and each element offers considerable challenges. Any modern day networked application strongly thrives on efficient data storage and management system, which is essentially a Database System. There have been nurnber of books-to-date in this domain that discuss fundamental principles of designing a database systern. Research in this dornain is now far matured and rnany researchers are venturing in this dornain continuously due to a wide variety of challenges posed. In this book, our dornain of interest is in exposing the underlying key challenges in designing algorithms to handle unpredictable requests that arrive at a Distributed Database System(DDBS) and evaluating their performance. These requests are otherwise called as on-line requests arriving at a system to process. Transactions

in an on-line Banking service, Airline Reservation systern, Video-on-Demand systern, etc, are few examples of on-line requests.

A textbook that blends theory and practice for students of database design. Part 1 offers six detailed chapters on database design concepts. Part 2 presents a detailed, real-world design case, in which the concepts of Part 1 are applied. In addition to database administration, Part 3 covers three other advanced, current database topics: transaction management, distributed databases, and object orientation, including discussion of the object orientation and the extended relational database. Annotation copyright by Book News, Inc., Portland, OR

Relevant Query Answering Over Streaming and Distributed Data

Proceedings of the Fourth Berkeley Conference on Distributed Data Management and Computer Networks, August 28-30, 1979

Object Management in Distributed Database Systems for Stationary and Mobile Computing Environments

The Internet Encyclopedia, Volume 3 (P - Z)

Data Analysis for Database Design

Volume 7

Make the best of your test suites by using cutting-edge

software architecture patterns in Python Key Features Learn how to create scalable and maintainable applications Build a web system for micro messaging using concepts in the book Use profiling to find bottlenecks and improve the speed of the system Book Description Developing large-scale systems that continuously grow in scale and complexity requires a thorough understanding of how software projects should be implemented. Software developers, architects, and technical management teams rely on high-level software design patterns such as microservices architecture, event-driven architecture, and the strategic patterns prescribed by domain-driven design (DDD) to make their work easier. This book covers these proven architecture design patterns with a forward-looking approach to help Python developers manage application complexity—and get the most value out of their test suites. Starting with the initial stages of design, you will learn about the main blocks and mental flow to use at the start of a project. The book covers various architectural patterns like microservices, web services, and event-driven structures and how to choose the one best suited to your project. Establishing a foundation of required concepts, you will progress into development, debugging, and testing to produce high-quality code that is ready for deployment. You will learn about ongoing operations on how to continue the task after the system is deployed to end users, as the software development lifecycle is never finished. By the end of this Python book, you will have developed "architectural thinking": a

different way of approaching software design, including making changes to ongoing systems. What you will learn Think like an architect, analyzing software architecture patterns Explore API design, data storage, and data representation methods Investigate the nuances of common architectural structures Utilize and interoperate elements of patterns such as microservices Implement test-driven development to perform quality code testing Recognize chunks of code that can be restructured as packages Maintain backward compatibility and deploy iterative changes Who this book is for This book will help software developers and architects understand the structure of large complex systems and adopt architectural patterns that are scalable. Examples in the book are implemented in Python so a fair grasp of basic Python concepts is expected. Proficiency in any programming languages such as Java or JavaScript is sufficient. Information systems science is advancing in many directions with rapid strides. Many diversified ideas, methodologies, and techniques have been conceived and developed for improving the design of information systems and for inventing new methods for solving complex information problems. This volume, the seventh of a continuing series on information systems science, covers five timely topics which are in the mainstream of current interest in this growing field. In each chapter, an attempt is made to famil iarize the reader with some basic background information on the advances discussed, so that this volume may be used independently or in

conjunction with the previous volumes. The emphasis in this volume is centered upon diagnosis for digital systems, distributed information networks, micro computer technology, and data structures for pattern recognition. In recent years, digital systems have found widespread applications in on-line real-time processing. Such applications demand high reliability, availability, and serviceability. Reliability may be improved through the use of highly reliable parts. Improvement in integrity may be accompanied by retry operation and redundant configuration. Serviceability may be improved by making use of fault diagnosis techniques. Chapter 1 is devoted to this important subject. Fault diagnosis techniques are developed to improve serviceability and to shorten mean time for repair. Kitamura, Tashiro, and Inagaki discuss many recent methods for fault diagnosis and explain them with illustrative examples.

This volume represents a valuable collective contribution to the research and development of database systems. It contains papers in a variety of topics such as data models, distributed databases, multimedia databases, concurrency control, hypermedia and document processing, user interface, query processing and database applications.

Contents: Introduction to SQL/X (W Kim)An Object-Oriented Approach to Security Policies and their Access Controls for Database Management (D K Hsiao)The ESSE Project: An Overview (R Zicari et al.)The Remote-Exchange Approach to Semantic Heterogeneity in Federated Database Systems (D McLeod)A Linear Model

of Distributed Query Execution Strategies (M E Orlowska & Y-C Zhang)Multimedia Data Handling in a Knowledge Representation System (E Bertino et al.)Implementation and Evaluation of a New Approach to Storage Management for Persistent Data — Towards Virtual-Memory Databases (G-Y Bai & A Makinouchi)Hyperbase System: A Structured Architecture (R Sacks-Davis et al.)A Hypermedia Document System Based on Relational Database (S Futamura et al.)Cooperative Query Answering in CoBase (Q-M Chen & W Chu)The ADKMS Knowledge Acquisition System (E Bertino et al.)Constraints for Query Optimization in Deductive Databases (J Harland & K Ramamohanarao)The Object-Oriented Database Management — A Tutorial on its Fundamentals (D K Hsiao)and other papers Readership: Computer scientists.

This unique new textbook on Information Systems (IS) provides an answer to a few basic questions in the field: What is the scientific nature of IS? How do we design IS in today's connected world? What is the relationship between IS and innovation in knowledge economies? Whereas mainframe corporate computers tended to dominate the thinking in the 1980s, the dominating factor today is personal digital devices that connect the world as one whole IS. Network science is emerging to describe these digital connections (e.g., social networking), and service science is similarly emerging to describe service value networks. This book therefore synthesizes the emerging network science and service science with the

classic IS theory, resulting in a new set of principles for IS strategic planning. It also reviews the standard IS topics of system analysis and database design, covering the whole spectrum of databases and all the major methods and techniques of database design. The role of IS as a technological innovation in the knowledge economy is also analyzed. In doing so, new concepts such as basic values of IS, systems of IS, sustainability of IS, IS as a service system, IS as a human value network, and the hyper-network model for innovation by IS, are developed.

Principles of Database Management

Future Databases '92

MCSE SQL Server 2000 Database Design and Implementation

Concurrency Control in Distributed Database Systems

Overview Module

Agent Computing and Multi-Agent Systems

Distributed Database Systems discusses the recent and emerging technologies in the field of distributed database technology. The material is up-to-date, highly readable, and illustrated with numerous practical examples. The mainstream areas of distributed database technology, such as distributed database design, distributed DBMS architectures, distributed transaction management, distributed concurrency control, deadlock handling in distributed systems, distributed recovery management, distributed query processing and optimization, data security and catalog management, have been

covered in detail. The popular distributed database systems, SDD-1 and R*, have also been included. Database systems -- Database management system architecture -- Tables -- Redundant vs duplicated data -- Repeating groups -- Determinants and identifiers -- Fully-normalised tables -- Introduction to entity-relationship modelling -- Properties of relationships -- Decomposition of many-many relationships -- Connection traps -- Skeleton entity-relationship models -- Attribute assignment -- First-level design -- Second-level design -- Distributed database systems -- Relational algebra -- Query optimisation -- The SQL language -- Object-orientation.

This book examines the problem of relevant query answering over the Web and provides a comprehensive overview of relevant query answering over streaming and distributed data. In recent years, Web applications that combine highly dynamic data streams with data distributed over the Web to provide relevant answers have attracted increasing attention. Answering in a timely fashion, i.e., reactively, is one of the most important performance indicators, especially when the distributed data is evolving. The book proposes a solution that retains a local replica of the distributed data and offers various maintenance policies to refresh the replica over time. A limited refresh budget guarantees the reactiveness of the system.

Focusing on stream processing and Semantic Web, it appeals to scientists and graduate students in the field. --

Distributed Database Systems (DDBS) may be defined as integrated database systems composed of autonomous local databases, geographically distributed and interconnected by a computer network. The purpose of this monograph is to present DDBS concurrency control algorithms and their related performance issues. The most recent results have been taken into consideration. A detailed analysis and selection of these results has been made so as to include those which will promote applications and progress in the field. The application of the methods and algorithms presented is not limited to DDBSs but also relates to centralized database systems and to database machines which can often be considered as particular examples of DDBSs. The first part of the book is devoted to basic definitions and models: the distributed database model, the transaction model and the syntactic and semantic concurrency control models. The second discusses concurrency control methods in monoversion DDBSs: the locking method, the timestamp ordering method, the validation method and hybrid methods. For each method the concept, the basic algorithms, a hierarchical version of the basic algorithms, and methods for avoiding performance failures are given.

The third section covers concurrency control methods in multiversion DDBSs and the fourth, methods for the semantic concurrency model. The last part concerns performance issues of DDBSs. The book is intended primarily for DDBMS designers, but is also of use to those who are engaged in the design and management of databases in general, as well as in problems of distributed system management such as distributed operating systems and computer networks.

A Competitive Approach

The Big Ideas Behind Reliable, Scalable, and Maintainable Systems

Python Architecture Patterns

Distributed and Multi-database Systems

Designing Data-Intensive Applications

E-Business and Distributed Systems Handbook

System design activities provide a view of the information technology and its issues. Systems design focuses on the construction for building of new information systems, which describe, organize, as well as structure the hardware and software. With design activities as measured, is the process that addressed the structuring, organizing, and describing in-depth of how the system would work into a different organizational setting. Systems design could help with optimizing scarce computing resources in applications or

system performance constraints. Also, the hardware and software played an important role in determining the way in which an application performs and the resources “bottleneck” as well. The performance of an information system is an integral part of good quality. In today’s competitive world, a business organization tries to achieve their service goals by employing systems that perform better. Knowing that your system will perform effectively increases business performance The most fundamental part of a good design, we must follow the design process approach system design. When designing and specifying an information system, we ask the question: What types of hardware, software, and network and inputs and outputs design process required? - Examining the requirements and structures bridged within the system? - The system design activities carry by the people and hardware? - The various part systems used to communicate among each other all over the organization

This volume constitutes the first of three parts of the refereed proceedings of the First International Conference on Computer Science and Information Technology, CCSIT 2010, held in Bangalore, India, in January

2011. The 59 revised full papers presented in this volume were carefully reviewed and selected. The papers are organized in topical sections on distributed and parallel systems and algorithms; DSP, image processing, pattern recognition, and multimedia; software engineering; database and data Mining; as well as soft computing, such as AI, neural networks, fuzzy systems, etc.

The Internet Encyclopedia in a 3-volume reference work on the internet as a business tool, IT platform, and communications and commerce medium.

"This book focuses on the challenges of distributed systems imposed by the data intensive applications, and on the different state-of-the-art solutions proposed to overcome these challenges"--Provided by publisher.

Learn Database Systems with Implementation and Examples

A Business-Oriented Approach Using ORACLE, MySQL and MS Access

Master API design, event-driven structures, and package management in Python

Distributed Data Bases

Planning, Design and Assessment

Database Systems

The main motivation behind writing this book

is to teach the basic concepts of database systems through concrete and practical knowledge and examples without too many wordy and useless pages. The book is made deliberately concise and short covering the main aspects of databases that you have to master and gain either for industrial or academic purposes. The main chapters includes within this book are: Introduction to Databases, Database Design, SQL: Structured Query Language, SQL: Structured Query Language, SQL Transactions, Procedures & Triggers, Object Relational Databases, Databases & Java Programming, Solutions & Answers. The book website can be accessed at: http: //www.LearnDB.com

Zygiaris provides an accessible walkthrough of all technological advances of databases in the business environment. Readers learn how to design, develop, and use databases to provide business analytical reports with the three major database management systems: Microsoft Access, Oracle Express and MariaDB (formerly MySQL).

Database Systems: A Pragmatic Approach is a classroom textbook for use by students who are learning about relational databases, and the professors who teach them. It discusses the database as an essential component of a software system, as well as a valuable, mission critical corporate resource. The book is based on lecture notes that have been tested and proven over several years, with outstanding results. It also exemplifies

mastery of the technique of combining and balancing theory with practice, to give students their best chance at success. Upholding his aim for brevity, comprehensive coverage, and relevance, author Elvis C. Foster's practical and methodical discussion style gets straight to the salient issues, and avoids unnecessary fluff as well as an overkill of theoretical calculations. The book discusses concepts, principles, design, implementation, and management issues of databases. Each chapter is organized systematically into brief, reader-friendly sections, with itemization of the important points to be remembered. It adopts a methodical and pragmatic approach to solving database systems problems. Diagrams and illustrations also sum up the salient points to enhance learning. Additionally, the book includes a number of Foster's original methodologies that add clarity and creativity to the database modeling and design experience while making a novel contribution to the discipline. Everything combines to make Database Systems: A Pragmatic Approach an excellent textbook for students, and an excellent resource on theory for the practitioner.

MCAD/MCSD/MCSE Training Guide (70-229): SQL Server 2000 Database Design and Implementationis the perfect study guide to help you pass the 70-229 exam, which is an elective for the MCSD, MCAD, MCDBA, and MCSE programs. If you are preparing for this exam,

you'll find our Training Guide to be the most effective self-study tool in the market! This book is your one-stop shop because of its teaching methodology, the accompanying PrepLogic testing software, and superior Web site support at www.examcram.com. The book follows the exam objectives and features numerous exercises to give you hands-on opportunities, exam tips that give you advice for test day, and warnings that alert you to possible mistakes. The Fast Facts section condenses the most important information for last-minute review, and the practice exam is representative of the actual exam. Each book in the Training Guide series is published under the direction of Series Editor Ed Tittel, the leading authority on IT certification. This book has been subjected to rigorous technical review by a team of industry experts, ensuring content is superior in both coverage and technical accuracy, and has earned the distinction of Cramsession Approved Study Material. The CD features PrepLogic Practice Tests, Preview Edition. This product includes one complete PrepLogic Practice Test with approximately the same number of questions found on the actual vendor exam. Each question contains full, detailed explanations of the correct and incorrect answers. The engine offers two study modes, Practice Test and Flash Review, full exam customization, and a detailed score report.

Distributed Database Systems

Database Systems:A Practical Approach to Design, Implementation and Management with Corporate Computer and Network Security:(International Edition) and Making the Team (International Edition) with Success in Your Project
Information Systems
Introduction to Database Systems
Distributed Systems: Distributed data base systems
Valuepack

This book constitutes the refereed proceedings of the 9th Pacific Rim International Workshop on Multi-Agents, PRIMA 2006, held in Guilin, China, in August 2006. The book presents 39 revised full papers and 57 revised short papers together with 4 invited talks, addressing subjects from theoretical and methodological issues to applications. Topics include agent models, agent architectures, agent-oriented software engineering, semantic Web service, collaboration, coordination and negotiation, and more.

This is the first book that addresses all three main activities in improving business and technology decisions: the planning, design and assessment of enterprise architectures (EAs). Emphasis is on medium and large-size organizations in the private sector (such as banks, airlines and auto industries) and the public sector (such as federal agencies, local government organizations and military services in the Department of Defense). The book addresses the challenges faced by EA builders through an organized presentation of the issues and a step-by-step approach. The material is based on real-life EA project experience and lessons learned over a decade working in multiple-contractor, multiple-discipline teams, and multiple-

agency environments.

This book offers a practical approach to understanding and implementing distributed and multi-database systems across the enterprise. By reinforcing concepts with specific methodolgies, exercises, and examples, this guide enables programmers, systems designers, and IS managers to meet the challenge of managing data across different platforms. This extremely practical book addresses real-world problems faced when migrating to distributed and multi-database architectures and includes an in-depth discussion of federated database systems and the role expert systems play in multi-database architectures. Content highlights include: Distributed Query & Transaction Processing; Concurrency and Recovery; SQL Basics; and Design & Implementation Issues.

Readers gain a solid foundation in database design and implementation with the practical and easy-to-understand approach in DATABASE SYSTEMS: DESIGN, IMPLEMENTATION, AND MANAGEMENT, 12E. Filled with diagrams, illustrations, and tables, this market-leading text provides in-depth coverage of database design. Readers learn the key to successful database implementation: proper design of databases to fit within a larger strategic view of the data environment. Renowned for its clear, straightforward writing style, this text provides an outstanding balance of theory and practice. Updates include the latest coverage of cloud data services and a new chapter on Big Data Analytics and NoSQL, including related Hadoop technologies. In addition, new review questions, problem sets, and cases offer multiple opportunities to test understanding and develop useful design skills. Important Notice: Media content referenced within the product description or the product text may not be

available in the ebook version.

The Definitive Guide to Scaling Out SQL Server 2005 Edition

Design, Implementation, and Management

Evolution and Interoperation

Exam 70-229 Training Guide

Advances in Computer Science and Information Technology

Data Intensive Distributed Computing: Challenges and Solutions for Large-scale Information Management

This book addresses issues related to managing data across a distributed database system. It is unique because it covers traditional database theory and current research, explaining the difficulties in providing a unified user interface and global data dictionary. The book gives implementers guidance on hiding discrepancies across systems and creating the illusion of a single repository for users. It also includes three sample frameworks—implemented using J2SE with JMS, J2EE, and Microsoft .Net—that readers can use to learn how to implement a distributed database management system. IT and development groups and computer sciences/software engineering graduates will find this guide invaluable.

Learn the concepts, principles, design, implementation, and management issues of databases. You will adopt a methodical and pragmatic approach to solving database systems problems. Database Systems: A Pragmatic Approach provides a comprehensive, yet concise introduction to database systems, with special emphasis on the relational database model. This book discusses the database as an essential component of a software system, as well as a valuable, mission-critical corporate resource. New in this second edition is updated SQL content covering the latest release of the Oracle Database Management System along with a reorganized sequence of the topics which is more useful for learning. Also included are revised and additional illustrations, as well as a new chapter on using relational databases to anchor

large, complex management support systems. There is also added reference content in the appendixes. This book is based on lecture notes that have been tested and proven over several years, with outstanding results. It combines a balance of theory with practice, to give you your best chance at success. Each chapter is organized systematically into brief sections, with itemization of the important points to be remembered. Additionally, the book includes a number of author Elvis Foster's original methodologies that add clarity and creativity to the database modeling and design experience. What You'll Learn Understand the relational model and the advantages it brings to software systems Design database schemas with integrity rules that ensure correctness of corporate data Query data using SQL in order to generate reports, charts, graphs, and other business results Understand what it means to be a database administrator, and why the profession is highly paid Build and manage web-accessible databases in support of applications delivered via a browser Become familiar with the common database brands, their similarities and differences Explore special topics such as tree-based data, hashing for fast access, distributed and object databases, and more Who This Book Is For Students who are studying database technology, who aspire to a career as a database administrator or designer, and practicing database administrators and developers desiring to strengthen their knowledge of database theory

This module of the handbook concentrates on solution architectures through components. Topics include the role of component-based web application architectures, architecture patterns, enterprise data architectures, implementation examples using XML Web Services, Sun's J2EE, and Microsoft's .NET.

Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and

message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity Understand the distributed systems research upon which modern databases are built Peek behind the scenes of major online services, and learn from their architectures

Distributed Data Fusion for Network-Centric Operations

Data Management Systems

Principles of Distributed Database Systems

Database Modeling and Design

An Advanced Course

Oracle Design: The Definitive Guide

Covering database, code, and architecture design for the Oracle operating system, this text is arranged in four sections including an overview of Oracle and data modelling; and aspects of database design including denormalization, data types, nulls, keys and indexes.

With the recent proliferation of service-oriented architectures (SOA), cloud computing technologies, and distributed-interconnected systems, distributed fusion is taking on a larger role in a variety of applications—from environmental monitoring and crisis management to

intelligent buildings and defense. Drawing on the work of leading experts around the world, Distributed Data Fusion for Network-Centric Operations examines the state of the art of data fusion in a distributed sensing, communications, and computing environment. Get Insight into Designing and Implementing Data Fusion in a Distributed Network Addressing the entirety of information fusion, the contributors cover everything from signal and image processing, through estimation, to situation awareness. In particular, the work offers a timely look at the issues and solutions involving fusion within a distributed network enterprise. These include critical design problems, such as how to maintain a pedigree of agents or nodes that receive information, provide their contribution to the dataset, and pass to other network components. The book also tackles dynamic data sharing within a network-centric enterprise, distributed fusion effects on state estimation, graph-theoretic methods to optimize fusion performance, human engineering factors, and computer ontologies for higher levels of situation assessment. A comprehensive introduction to this emerging field and its challenges, the book explores how data fusion can be used within grid, distributed, and cloud computing architectures. Bringing together both theoretical and applied research perspectives, this is a valuable reference for fusion researchers and practitioners. It offers guidance and insight for those working on the complex issues of designing and implementing distributed, decentralized information

fusion.

This work has been revised and updated to provide a comprehensive treatment of database design for commercial database products and their applications. The book covers the basic foundation of design as well as more advanced techniques, and also incorporates coverage of data warehousing and OLAP (On-Line Analytical Processing), data mining, object-relational, multimedia, and temporal/spatial design.

As the information contained in databases has become a critical resource in organizations, efficient access to that information and the ability to share it among different users and across different systems has become an urgent need. The interoperability of heterogeneous database systems-literally, the ability to access information between or among differing types of databases, is the topic of this timely book. In the last two decades, tremendous improvements in tools and technologies have resulted in new products that provide distributed data processing capabilities. This book describes these tools and emerging technologies, explaining the essential concepts behind the topics but focusing on practical applications. Selected products are discussed to illustrate the characteristics of the different technologies. This is an ideal source for anyone who needs a broad perspective on heterogeneous database integration and related technologies.

Information Control and Technology

A Practical Approach

A Pragmatic Approach

Database Management Systems
The Connection of People and Resources for Innovation â€" A Textbook
Database Systems: Design, Implementation, & Management
This third edition of a classic textbook can be used to teach at the senior undergraduate and graduate levels. The material concentrates on fundamental theories as well as techniques and algorithms. The advent of the Internet and the World Wide Web, and, more recently, the emergence of cloud computing and streaming data applications, has forced a renewal of interest in distributed and parallel data management, while, at the same time, requiring a rethinking of some of the traditional techniques. This book covers the breadth and depth of this re-emerging field. The coverage consists of two parts. The first part discusses the fundamental principles of distributed data management and includes distribution design, data integration, distributed query processing and optimization, distributed transaction management, and replication. The second part focuses on more advanced topics and includes discussion of parallel database systems, distributed object management, peer-to-peer data management, web data management, data stream systems, and cloud computing. New in this Edition: • New chapters, covering database replication, database integration, multidatabase query processing, peer-to-peer data

management, and web data management. • Coverage of emerging topics such as data streams and cloud computing • Extensive revisions and updates based on years of class testing and feedback Ancillary teaching materials are available.

System Design Activities

Advances in Information Systems Science

First International Conference on Computer Science and Information Technology, CCSIT 2011, Bangalore, India, January 2-4, 2011. Proceedings

A Study for RDF Streams and Evolving Web Data

Challenges and Solutions for Large-scale Information Management

Technical Abstract Bulletin