Client Server Architecture By Alex Berson

The industry's most complete, useful, and up-to-date guide to SQL Server 2014. You'll find start-to-finish coverage of SQL Server's core database server and management capabilities: all the real-world information, tips, guidelines, and examples you'll need to install, monitor, maintain, and optimize the most complex database environments. The provided examples and sample code provide plenty of hands-on opportunities to learn more about SQL Server and create your own viable solutions. Four leading SQL Server experts present deep practical insights for administering SQL Server, analyzing and optimizing queries, implementing data warehouses, ensuring high availability, tuning performance, and much more. You will benefit from their behind-the-scenes look into SQL Server, showing what goes on behind the various wizards and GUI-based tools. You'll learn how to use the underlying SQL commands to fully unlock the power and capabilities of SQL Server. Writing for all intermediate-to-advanced-level SQL Server professionals, the authors draw on immense production experience with SQL Server. Throughout, they

focus on successfully applying SQL Server 2014's most powerful capabilities and its newest tools and features. Detailed information on how to… Understand SQL Server 2014's new features and each edition's capabilities and licensing Install, upgrade to, and configure SQL Server 2014 for better performance and easier management Streamline and automate key administration tasks with Smart Admin Leverage powerful new backup/restore options: flexible backup to URL, Managed Backup to Windows Azure, and encrypted backups Strengthen security with new features for enforcing "least privilege" Improve performance with updateable columnstore indexes, Delayed Durability, and other enhancements Execute queries and business logic more efficiently with memoryoptimized tables, buffer pool extension, and natively-compiled stored procedures Control workloads and Disk I/O with the Resource Governor Deploy AlwaysOn Availability Groups and Failover Cluster Instances to achieve enterprise-class availability and disaster recovery Apply new Business Intelligence improvements in Master Data Services, data quality, and Parallel Data Warehouse

Establishing adaptive control as an alternative framework to

design and analyze Internet congestion controllers, End-to-End Adaptive Congestion Control in TCP/IP Networks employs a rigorously mathematical approach coupled with a lucid writing style to provide extensive background and introductory material on dynamic systems stability and neural network approximation; alongside future internet requests for congestion control architectures. Designed to operate under extreme heterogeneous, dynamic, and time-varying network conditions, the developed controllers must also handle network modeling structural uncertainties and uncontrolled traffic flows acting as external perturbations. The book also presents a parallel examination of specific adaptive congestion control, NNRC, using adaptive control and approximation theory, as well as extensions toward cooperation of NNRC with application QoS control. Features: Uses adaptive control techniques for congestion control in packet switching networks Employs a rigorously mathematical approach with lucid writing style Presents simulation experiments illustrating significant operational aspects of the method; including scalability, dynamic behavior, wireless networks, and fairness Applies to networked applications in the music

industry, computers, image trading, and virtual groups by techniques such as peer-to-peer, file sharing, and internet telephony Contains working examples to highlight and clarify key attributes of the congestion control algorithms presented Drawing on the recent research efforts of the authors, the book offers numerous tables and figures to increase clarity and summarize the algorithms that implement various NNRC building blocks. Extensive simulations and comparison tests analyze its behavior and measure its performance through monitoring vital network quality metrics. Divided into three parts, the book offers a review of computer networks and congestion control, presents an adaptive congestion control framework as an alternative to optimization methods, and provides appendices related to dynamic systems through universal neural network approximators.

This book focuses on the needs of a project leader or a technical architect who is responsible for turning the vision of the executive into a successful client/server system. Unlike current books, which are either written for senior management responsible for strategy or for programmers who need low level

programming details, this is a practical and concise, "how-to" guide and a roadmap for the process which will successfully deliver client/server applications. It leads the project leader through all the stages of the life cycle - from conceptualization to system development and deployment. How to Deliver Client/Server Applications That Work offers practical, proven advice on the business and technical issues that a project leader must deal with effectively.

Software product lines are emerging as a critical new paradigm for software development. Product lines are enabling organizations to achieve impressive time-to-market gains and cost reductions. With the increasing number of product lines and product-line researchers and practitioners, the time is right for a comprehensive examination of the issues surrounding the software product line approach. The Software Engineering Institute at Carnegie Mellon University is proud to sponsor the first conference on this important subject. This book comprises the proceedings of the First Software Product Line Conference (SPLC1), held August 28-31, 2000, in Denver, Colorado, USA. The twenty-seven papers of the conference technical program present

research results and experience reports that cover all aspects of software product lines. Topics include business issues, enabling technologies, organizational issues, and life-cycle issues. Emphasis is placed on experiences in the development and fielding of product lines of complex systems, especially those that expose problems in the design, development, or evolution of software product lines. The book will be essential reading for researchers and practitioners alike.

Implementations in the IBM Environment

Analysis and Design of Information Systems

Sybase and Client/server Computing

Mining Very Large Databases with Parallel Processing

Using UML for Data Modeling

Microsoft SQL Server 2000 Unleashed

This comprehensive C/S reference focuses on Sybase, emphasizing the long-awaited, much-improved Sybase System II. All material on Sybase components, features, and usage is completely updated, with the addition of extensive discussions of data warehousing with System II, Sybase SQL Server designing and tuning, and more.

I-Way Robbery is for security, investigative, law enforcement, and other criminal justice professionals, offering a unique look at the Internet as the new crime environment for

the 21st century. The book provides an overview of the Internet, its impact on nations, societies, criminals, security officers, and law enforcement professionals, and includes recommended basic, protective measures. I-Way Robbery is written in non-technical terms. It is also an excellent reference for business and government agency managers who must understand their responsibilities as they relate to asset protection - especially those who have on and off ramps connected to the I-Way. Boni and Kovacich start with the basics and teach users about the internet before teaching them about the security risks. This addresses the subject from the non-information systems perspective and educates the average user about the overall risks and appropriate protective measures they should enforce and follow. This book is a must-have for anyone with an interest in the pitfalls and precautions of doing business on the internet. I-Way Robbery: Crime on the Internet, uniquely approaches the much talked about topic of Internet Crime and security. It is written for anyone who wants a basic understanding of the Internet crime environment now and into the 21st Century. It covers related Internet business, government, global, laws, politics and privacy issues; techniques being used to commit crimes; what can be done about it; and what challenges the future may hold including topics such as information warfare. Drawing on their decades of experience in high-technology and Internet crime investigations William Boni and Dr. Gerald L. Kovacich have written not only an excellent reference book for business and government agency managers, small business owners, and teachers, but for anyone who drives along the I-

Way. Addresses the subject of internet security from the non-information systems perspective Detailed incident reports to fully illustrate the specific issues readers must understand to fully appreciate the risks of I-Way activity Covers a broad range of issues "Client/server computing is fast becoming the standard for corporate computing. If you're involved in coordinating the migration to this landmark new technology, this book is for you. Here at last is a clear, complete explanation of what client/server computing is, along with real-world examples of successful applications that help you map out a strategy for making it work in your particular organization." "You'll find a complete view of the client/server applications architecture through four basic implementation strategies appropriate for the IBM environment. Samples of actual program code are included for migration purposes. You'll get up-to-the-minute information on implementation techniques, including dynamic data interchange, APPC, and HLLAPI; the concept of enterprise-wide data access; implementation approaches for simple file transfer, Windows and OS/2 client/server products, peer-to-peer communications, and more; and recent trends in client/server computing." "Whether you're a network manager, IS developer or programmer, systems analyst, or software systems designer, turn to this valuable guide for a host of practical approaches."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved Table Of Content Chapter 1: What is DBMS (Database Management System)? Application, Types & Example What is a Database? What is DBMS? Example of a

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Join Operations Inner Join: Theta Join: EQUI join: NATURAL JOIN ( ) OUTER JOIN Left Outer Join(A B) Right Outer Join: (AB) Full Outer Join: (AB) Chapter 7: DBMS Transaction Management: What are ACID Properties? What is a Database Transaction? Facts about Database Transactions Why do you need concurrency in Transactions? States of Transactions What are ACID Properties? Types of Transactions What is a Schedule? Chapter 8: DBMS Concurrency Control: Timestamp & Lock-Based Protocols What is Concurrency Control? Potential problems of Concurrency Why use Concurrency method? Concurrency Control Protocols Lock-based Protocols Two Phase Locking Protocol Timestamp-based Protocols Validation Based Protocol Characteristics of Good Concurrency Protocol Chapter 9: DBMS Keys: Candidate, Super, Primary, Foreign Key Types with Example What are Keys in DBMS? Why we need a Key? Types of Keys in DBMS (Database Management System) What is the Super key? What is a Primary Key? What is the Alternate key? What is a Candidate Key? What is the Foreign key? What is the Compound key? What is the Composite key? What is a Surrogate key? Difference Between Primary key & Foreign key Chapter 10: Functional Dependency in DBMS: What is, Types and Examples What is Functional Dependency? Key terms Rules of Functional Dependencies Types of Functional Dependencies in DBMS What is Normalization? Advantages of Functional Dependency Chapter 11: Data Independence in DBMS: Physical & Logical with Examples What is Data Independence of DBMS? Types of Data Independence Levels

of Database Physical Data Independence Logical Data Independence Difference between Physical and Logical Data Independence Importance of Data Independence Chapter 12: Hashing in DBMS: Static & Dynamic with Examples What is Hashing in DBMS? Why do we need Hashing? Important Terminologies using in Hashing Static Hashing Dynamic Hashing Comparison of Ordered Indexing and Hashing What is Collision? How to deal with Hashing Collision? Chapter 13: SQL Commands: DML, DDL, DCL, TCL, DQL with Query Example What is SQL? Why Use SQL? Brief History of SQL Types of SQL What is DDL? What is Data Manipulation Language? What is DCL? What is TCL? What is DQL? Chapter 14: DBMS Joins: Inner, Left Outer, THETA Types of Join Operations What is Join in DBMS? Inner Join Theta Join EQUI join: Natural Join ( ) Outer Join Left Outer Join (A B) Right Outer Join (AB) Full Outer Join (AB) Chapter 15: Indexing in DBMS: What is, Types of Indexes with EXAMPLES What is Indexing? Types of Indexing Primary Index Secondary Index Clustering Index What is Multilevel Index? B-Tree Index Advantages of Indexing Disadvantages of Indexing Chapter 16: DBMS vs RDBMS: Difference between DBMS and RDBMS What is DBMS? What is RDBMS? KEY DIFFERENCE Difference between DBMS vs RDBMS Chapter 17: File System vs DBMS: Key Differences What is a File system? What is DBMS? KEY DIFFERENCES: Features of a File system Features of DBMS Difference between filesystem vs. DBMS Advantages of File system Advantages of DBMS system Application of File system Application of the DBMS system Disadvantages of File

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Difference between Row and Columns Chapter 23: Row vs Column: What's the Difference? What is DDL? What is DML? KEY DIFFERENCES: Why DDL? Why DML? Difference Between DDL and DML in DBMS Commands for DDL Commands for DML DDL Command Example DML Command Example

Big Java, Binder Ready Version

Effective Use in the Solaris Operating Environment

Who They Are! What They Want! and How to Win Them Over!

The British National Bibliography

JavaScript Web Applications

IT Web Services

This guide to IT Web services is based on 16 case studies and interviews with early adopters and key industry executives. It demonstrates the business benefits for Web services and Web services networks and provides sufficient real-world data and technical information to inform decision-makers.

Buy the print version of• Microsoft SQL Server 2012 Unleashed and get the eBook version for free! eBook version includes chapters 44-60 not included in the print. See inside the book for access code and details. • With up-to-the-minute content, this is the industry's most complete, useful guide to SQL Server 2012. • You'll find start-to-finish coverage of SQL Server's core database server and management capabilities: all the real-world information, tips, guidelines, and samples you'll need to create and manage complex database solutions. The additional online chapters add extensive coverage of SQL Server Integration Services, Reporting Services,

Analysis Services, T-SQL programming, .NET Framework integration, and much more. • Authored by four expert SQL Server administrators, designers, developers, architects, and consultants, this book reflects immense experience with SQL Server in production environments. Intended for intermediate-to-advanced-level SQL Server professionals, it focuses on the product's most complex and powerful capabilities, and its newest tools and features. Understand SQL Server 2012's newest features, licensing changes, and capabilities of each edition Manage SQL Server 2012 more effectively with SQL Server Management Studio, the SQLCMD command-line query tool, and Powershell Use Policy-Based Management to centrally configure and operate SQL Server Utilize the new Extended Events trace capabilities within SSMS Maximize performance by optimizing design, queries, analysis, and workload management Implement new best practices for SQL Server high availability Deploy AlwaysOn Availability Groups and Failover Cluster Instances to achieve enterprise-class availability and disaster recovery Leverage new business intelligence improvements, including Master Data Services, Data Quality Services and Parallel Data Warehouse Deliver better full-text search with SQL Server 2012's new Semantic Search Improve reporting with new SQL Server 2012 Reporting Services features Download the following from informit.com/title/9780672336928: Sample databases and code examples • •

Mining Very Large Databases with Parallel Processing addresses the problem of large-scale data mining. It is an interdisciplinary text, describing advances in the integration of three computer science areas, namely `intelligent' (machine learning-based) data mining techniques, relational databases and parallel processing. The basic idea is to use concepts and techniques of the latter two areas - particularly parallel processing - to speed up and scale up data mining algorithms.

The book is divided into three parts. The first part presents a comprehensive review of intelligent data mining techniques such as rule induction, instance-based learning, neural networks and genetic algorithms. Likewise, the second part presents a comprehensive review of parallel processing and parallel databases. Each of these parts includes an overview of commercially-available, state-of-the-art tools. The third part deals with the application of parallel processing to data mining. The emphasis is on finding generic, cost-effective solutions for realistic data volumes. Two parallel computational environments are discussed, the first excluding the use of commercial-strength DBMS, and the second using parallel DBMS servers. It is assumed that the reader has a knowledge roughly equivalent to a first degree (BSc) in accurate sciences, so that (s)he is reasonably familiar with basic concepts of statistics and computer science. The primary audience for Mining Very Large Databases with Parallel Processing is industry data miners and practitioners in general, who would like to apply intelligent data mining techniques to large amounts of data. The book will also be of interest to academic researchers and postgraduate students, particularly database researchers, interested in advanced, intelligent database applications, and artificial intelligence researchers interested in industrial, real-world applications of machine learning.

Craft the Right Design Using UML Whether building a relational, object-relational, or object-oriented database, database developers are increasingly relying on an object-oriented design approach as the best way to meet user needs and performance criteria. This book teaches you how to use the Unified Modeling Language-the official standard of the Object Management Group-to develop and implement the best possible design for your database. Inside, the author leads you step by step through the design process, from requirements analysis to schema generation.

You'll learn to express stakeholder needs in UML use cases and actor diagrams, to translate UML entities into database components, and to transform the resulting design into relational, object-relational, and object-oriented schemas for all major DBMS products. Features Teaches you everything you need to know to design, build, and test databases using an OO model. Shows you how to use UML, the accepted standard for database design according to OO principles. Explains how to transform your design into a conceptual schema for relational, object-relational, and object-oriented DBMSs. Offers practical examples of design for Oracle, SQL Server, Sybase, Informix, Object Design, POET, and other database management systems. Focuses heavily on re-using design patterns for maximum productivity and teaches you how to certify completed designs for re-use.

HR Systems in the Emerging Workplace of the 21st Century

I-Way Robbery

Early Objects

Data Management Systems

Data Warehousing, Data Mining, and OLAP

MASTER DATA MANAGEMENT AND DATA GOVERNANCE, 2/E

"By incorporating systematic controls throughout the development process, the methods in Client-Server Software Testing on the Desktop and the Web can help any organization save time and money while building in quality for distributed systems."--BOOK JACKET.

Many experts believe that through the utilization of information technology, organizations can better manage social and economic change. This book investigates the challenges involved in

the use of information technologies in managing these changes.

In any software project the analysis stage is vital to the success of the project. This book provides a thorough introduction to analysis and where it fits into the software engineering process. The author applies his many years of experience - as both a manager of software projects and as a consultant to numerous companies - to illustrate successful techniques and identify potential pitfalls. Based on courses at Columbia University for a diverse audience of students and professionals, the author is concerned throughout to emphasise the stages of analysis and to identify many alternative modelling tools that an analyst can use. Particular emphasis is placed on joint application development and on prototyping. Readers are assumed to have a reasonable understanding of computer concepts and terminology, making this suitable for a first-level analysis course or for information systems professionals who need an in-depth understanding of the principles of the analysis and design process.

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.

A Roadmap for the Enterprise

Writer's Guide to Book Editors, Publishers, and Literary Agents, 1997-1998

PowerBuilder 5 Unleashed

End-to-End Adaptive Congestion Control in TCP/IP Networks

Relational Database Design and Implementation

Microsoft SQL Server 2012 Unleashed

The system design interview is considered to be the most complex and most difficult technical job interview by many. Those questions are intimidating, but don't worry. It's just that nobody has taken the time to prepare you systematically. We take the time. We go slow. We draw lots of diagrams and use lots of examples. You'll learn step-by-step, one question at a time.Don't miss out.What's inside?- An insider's take on what interviewers really look for and why.- A 4-step framework for solving any system design interview question.- 16 real system design interview questions with detailed solutions.- 188 diagrams to visually explain how different systems work.

From bestselling author Dewire comes this sequel to the highly successful "Client/Server Computing" examining how client/server technology has

changed since its inception four years ago, why some strategies have failed while others have proven more adaptable, the tools that have worked, and those that haven't. Brimming with advice of what and what not to do, this book will be a must for IS managers, designers, and implementors.

This tutorial offers readers a thorough introduction to programming in Python 2.4, the portable, interpreted, object-oriented programming language that combines power with clear syntax Beginning programmers will quickly learn to develop robust, reliable, and reusable Python applications for Web development, scientific applications, and system tasks for users or administrators Discusses the basics of installing Python as well as the new features of Python release 2.4, which make it easier for users to create scientific and Web applications Features examples of various operating systems throughout the book, including Linux, Mac OS X/BSD, and Windows XP

Relational Database Design and Implementation: Clearly Explained, Fourth Edition, provides the conceptual and practical information necessary to develop a database design and management scheme that ensures data accuracy and user satisfaction while optimizing performance. Database systems underlie the large majority of business information systems. Most of those in use today are based on the relational data model, a way of representing data and data relationships

using only two-dimensional tables. This book covers relational database theory as well as providing a solid introduction to SQL, the international standard for the relational database data manipulation language. The book begins by reviewing basic concepts of databases and database design, then turns to creating, populating, and retrieving data using SQL. Topics such as the relational data model, normalization, data entities, and Codd's Rules (and why they are important) are covered clearly and concisely. In addition, the book looks at the impact of big data on relational databases and the option of using NoSQL databases for that purpose. Features updated and expanded coverage of SQL and new material on big data, cloud computing, and object-relational databases Presents design approaches that ensure data accuracy and consistency and help boost performance Includes three case studies, each illustrating a different database design challenge Reviews the basic concepts of databases and database design, then turns to creating, populating, and retrieving data using SQL

Philip and Alex's Guide to Web Publishing

Microsoft SQL Server 2008 R2 Unleashed

Second-generation Client/server Computing

JumpStart Technology

Distributed Data Applications with ASP.NET

Client-server Software Testing on the Desktop and the Web

Introduction. Architectural styles. Case studies. Shared information systems. Architectural design guidance. Formal models and specifications. Linguistics issues. Tools for architectural design. Education of software architects.
Microsoft SQL Server 2000 Unleashed, 2E offers a variety of topics for system and database administrators to help them learn new features of the product and to solve problems they face on a daily basis. It shows them how to build upon their working knowledge of the product and take their experience and knowledge to a higher level. This new edition of Microsoft SQL Server 2000 Unleashed covers the latest updates and service packs to SQL Server 2000, including full support for XML, notification services, and SQL Server CE.
Building rich JavaScript applications that bring a desktop experience to the Web requires moving state from the server to the client side—not a simple task. This hands-on book takes proficient JavaScript developers through all the steps necessary to create state-of-the-art applications, including structure, templating, frameworks, communicating with the server, and many other issues. Throughout the book, you'll work with real-world

example applications to help you grasp the concepts involved. Learn how to create JavaScript applications that offer a more responsive and improved experience. Use the Model-View-Controller (MVC) pattern, and learn how to manage dependencies inside your application Get an introduction to templating and data binding Learn about loading remote data, Ajax, and cross-domain requests Create realtime applications with WebSockets and Node.js Accept dropped files and upload data with progress indicators Use major frameworks and libraries, including jQuery, Spine, and Backbone Write tests and use the console to debug your applications Get deployment best practices, such as caching and minification

This book contains the names and addresses of acquisitions editors at top publishing houses, as well as their area of expertise and information on top literary agents. First time and experienced authors will find the information they need to get their big break in the writing business instead of having their manuscripts end up in the slush pile.

Agent-oriented Information Systems 2000

Software Product Lines

jQuery Developers' Guide to Moving State to the Client
Managing Social and Economic Change with Information Technology
Client/server Architecture
Learn DBMS in 24 Hours

With Wiley's Interactive Edition, you get all the benefits of a downloadable, reflowable eBook with added resources to make your study time more effective, including: • Lambda Expressions, Default & Static Method interfaces • Embedded Problem Solving Sections & How-To Guides • Worked Examples & Self-Check Exercises at the end of each chapter • Progressive Figures that trace code segments using color for easy recognition • Linked Programming Tips for programming best practices • Integrated Try-With Resources from Java 7 Cay Horstmann's sixth edition of Big Java: Early Objects, Interactive Edition, 6th Edition provides an approachable introduction to fundamental programming techniques and design skills, helping students master basic concepts and become competent coders. Updates for the Java 8 software release and additional visual design elements make this

student-friendly text even more engaging. The text is known for its realistic programming examples, great quantity and variety of homework assignments, and programming exercises that build student problem-solving abilities. This edition now includes problem solving sections, more example code online, and exercise from Science and Business.

Updated to contain information on the newest features of PowerBuilder Version 5.0, this guide offers complete information on programming, the development process for PowerBuilder applications, and more. Also including information on advanced topics such as object creation, class creation, and more, the book is accompanied by a disk containing source code for all examples.

Describes techniques essential to implement an enterprise database—a network of databases across various computing platforms. Explains how to define the enterprise data model, the principles and methodology necessary to characterize the database project environment and enterprise database projects that lead to success. Concludes with a summary of

the entire database effort.
The latest techniques for building a customer-focused enterprise environment "The authors have appreciated that MDM is a complex multidimensional area, and have set out to cover each of these dimensions in sufficient detail to provide adequate practical guidance to anyone implementing MDM. While this necessarily makes the book rather long, it means that the authors achieve a comprehensive treatment of MDM that is lacking in previous works." -- Malcolm Chisholm, Ph.D., President, AskGet.com Consulting, Inc. Regain control of your master data and maintain a master-entity-centric enterprise data framework using the detailed information in this authoritative guide. Master Data Management and Data Governance, Second Edition provides up-to-date coverage of the most current architecture and technology views and system development and management methods. Discover how to construct an MDM business case and roadmap, build accurate models, deploy data hubs, and implement layered security policies. Legacy system integration, cross-industry

challenges, and regulatory compliance are also covered in this comprehensive volume. Plan and implement enterprise-scale MDM and Data Governance solutions Develop master data model Identify, match, and link master records for various domains through entity resolution Improve efficiency and maximize integration using SOA and Web services Ensure compliance with local, state, federal, and international regulations Handle security using authentication, authorization, roles, entitlements, and encryption Defend against identity theft, data compromise, spyware attack, and worm infection Synchronize components and test data quality and system performance

System Design Interview - An Insider's Guide

21 Tomorrows

Perspectives on an Emerging Discipline

How to Deliver Client/server Applications that Work

The Art of Analysis

Beginning Python

* The only Enterprise level book that concentrates on distributed techniques. * Fully

updated for ASP .NET 1.1 and Visual Studio 2003. * Authors were both anointed as software legends by Microsoft (www.softwarelegends.com). * Demonstrates the range of possibilities and ease of development for distributed data-driven applications with .NET. * Shows how easy it is to take advantage of several different types of client devices, and how to provide the best user experience possible for each one. * Explores all aspects of building ASP.NET 1.1applications that handle data and work across the Internet or other HTTP networks such as local intranets.

"Data Warehousing" is the nuts-and-bolts guide to designing a data management system using data warehousing, data mining, and online analytical processing (OLAP) and how successfully integrating these three technologies can give business a competitive edge.

This is the industry's most comprehensive and useful guide to SQL Server 2008 and 2008 R2. It presents start-to-finish coverage of SQL Server's core database server and management capabilities, plus complete introductions to Integration, Reporting, and Analysis Services, application development, and much more. Four expert SQL Server administrators, developers, and consultants have packed this book with real-world information, tips, guidelines, and samples drawn from their own extensive experience creating and managing complex database solutions. Writing for intermediate-to-advanced-level SQL Server professionals, they focus on the product's most complex and powerful capabilities, and its newest tools and features. For

example, you'll find invaluable information on administering SQL Server more efficiently, analyzing and optimizing queries, implementing data warehouses, ensuring high availability, and tuning performance. The accompanying CD-ROM contains an extraordinary library of practical tools and information including sample databases and all code examples. Whether you're responsible for SQL Server 2008 analysis, design, implementation, support, administration, or troubleshooting, no other book offers you this much value. Understand the Microsoft SQL Server 2008 environment, R2's newest features, and each edition's capabilities Manage SQL Server 2008 more effectively with SQL Server Management Studio, the SQLCMD command-line query tool, and Powershell Efficiently manage security, users, backup/restore, replication, Database Mail, and database objects—from tables and indexes to stored procedures and triggers Increase availability with clustering, database mirroring, and other features Use new Policy-Based Management to centrally configure and operate SQL Server throughout the organization Use SQL Server Profiler to capture queries and identify bottlenecks Improve performance by optimizing queries, design more effective databases, and manage workloads with the new Resource Governor Develop applications using SQL Server 2008's enhancements to T-SQL and SQLCLR, .NET integration, LINQ to SQL, XML, and XQuery Make the most of Analysis Services, Integration Services, and Reporting Services—especially Microsoft's new R2 reporting improvements Improve data

security using Column-level and Transparent Data Encryption CD-ROM includes: 15 additional chapters Code samples, scripts, and databases utilized within the book Free version of SQL Shot (performance & tuning software)

In any software design project, the analysis of stage documenting and designing of technical requirements for the needs of users is vital to the success of the project. This book provides a thorough introduction and survey on all aspects of analysis, including design of E-commerce systems, and how it fits into the software engineering process. The material is based on successful professional courses offered at Columbia University to a diverse audience of advanced students and professionals. An emphasis is placed on the stages of analysis and the presentation of many alternative modeling tools that an analyst can utilise. Particular attention is paid to interviews, modeling tools, and approaches used in building effective web-based E-commerce systems.

Implementation and Management Strategies

Microsoft SQL Server 2014 Unleashed

Evolution and Interoperation

Software Architecture

Client/server Strategies

Crime on the Internet

This book offers start-to-finish coverage of Sun's Jumpstart(r) technology,

a start-to-finish solution for streamlining the installation and management of Solaris(r) Operating Environment systems in any environment.

Web guru Philip Greenspun offers a comprehensive look at Web publishing with techniques and examples gleaned from his experiences in developing over 70 Web services. He has added fresh ideas and insights to this thoroughly revised guide, including new chapters on electronic commerce and static site development, more material on building systems to foster community and collaboration, and new examples and case studies. Cover Title

Berson, a recognized client/server authority, covers all the bases, providing the fundamentals of client/server, as well as sound implementation and performance tips. He discusses crucial new technologies such as massively parallel processors and how the impact distributed processing and client/server architecture.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Database Design for Smarties

InfoWorld

Distributed Computing

Enterprise Database in a Client/Server Environment

Proceedings

Experience and Research Directions

Focusing on distributed computing implementation, this work presents the current state-of-the-art in distributed computing in industry and academia. Covers OSF DCE and DME, ONC, NFS, distributed file systems, user services management and security in a distributed environment. Features case studies of actual implementations at leading corporations, universities, and industry consortia.