

MICROSOFT OLAP SERVICES

Tim Peterson, MCSD, MCSE, MCET
Tim Pinkelman, PhD, et al.

Expert Insight

The book presents focused explanations of the core features and complexities of OLAP, including:

- Using Data Transformation Services to prepare data for OLAP
- Programming with the ADO Object Model
- Creating and managing cube structures with the OLAP Manager
- Building client applications for OLAP analysis
- Querying multidimensional structures with MDX
- Integrating Microsoft Excel 2000 with OLAP Services

Authoritative Advice

Implement the advice from experienced OLAP/Data Warehousing consultants Tim Peterson and Tim Pinkelman to harness the power of Microsoft OLAP.

SAMS

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FROM KNOWLEDGE TO MASTERY

Microsoft Olap Unleashed

Sakhr Youness,Pierre Boutquin

Microsoft Olap Unleashed:

Microsoft OLAP Unleashed Timothy Peterson,James Pinkelman,1999 This guide is the only advanced level programming book on the market with coverage of MDX the language of OLAP and provides an in depth explanation Topics include preparation of data examples security issues OLAP programming and more *Microsoft Olap Unleashed* Timothy Peterson,James Pinkelman,2000 *SQL Unleashed* Sakhr Youness,Pierre Boutquin,2000 SQL Unleashed Second Edition covers ANSI SQL and how to implement them with several major relational database platforms used on a day to day basis SQL Unleashed focuses on more intermediate to advanced topics and the latest trends forthcoming in SQL Designed to be used as both a reference and implementation tool this book serves as a practical pragmatic guide to day to day SQL programming and provide the most efficient solutions for getting the job done Topics include database design and data definition data manipulation data selection more advanced QL implementations the future of SQL and vendor SQL extensions

Technology in Knowledge Management Eric Tsui,2005 Microsoft SQL Server 2000 Rahul Sharma,2002 Assuming some familiarity with database concepts and any version of the SQL Server software database administrator Sharma looks at the features of the 2000 version common errors and how to rectify them sample code to explain the features tips for improving performance scripts and utilities for routine administration and interfacing with the .NET environment The disc contains code for several chapters Annotation copyrighted by Book News Inc Portland OR *Definitive Guide to Excel VBA* Michael Kofler,2008-01-01 New in the second edition Covers Excel 2000 to 2003 Explains how to access Web Services from Excel programs Shows you how to process lists and XML data with Excel 2003 Microsoft s Excel is not only a powerful spreadsheet and graphics toolkit contains a programming language called Visual Basic for Applications VBA which allows you to automate simple tasks and enables you to create full featured applications that make Excel users even more productive In the Definitive Guide to Excel VBA Second Edition veteran author Michael Kofler provides exhaustive coverage of VBA for Excel demonstrating how it can be used to implement real world business solutions Designed to be useful to programmers who have never used VBA before it also covers advanced topics needed for users already familiar with VBA First Kofler introduces VBA and the Excel object model focusing on the unique characteristics of programming and debugging code associated with spreadsheets The next few chapters cover menus toolbars forms and templatesthe tools for creating customized user interfaces and full featured applications He then moves on to a broad range of advanced topics including automating graphs and diagrams accessing external databases from Excel and analyzing data using grouping and pivot tables He even covers ActiveX automation and the access of Web Services using the Web Service Toolkit Throughout the book Kofler never loses sight of the real world problems faced by Excel programmers The book also explores ways to avoid undocumented problems that may arise when programming Excel VBA practical knowledge that was gained through years of hard experience *AI 2003: Advances in Artificial Intelligence* Tamas D. Gedeon,Lance C.C. Fung,2003-12-01 Consider the

problem of a robot algorithm learning mechanism moving along the real line attempting to locate a particular point To assist the mechanism we assume that it can communicate with an Environment Oracle which guides it with information regarding the direction in which it should go If the Environment is deterministic the problem is the Deterministic Point location Problem which has been studied rather thoroughly 1 In its pioneering version 1 the problem was presented in the setting that the Environment could charge the robot a cost which was proportional to the distance it was from the point sought for The question of having multiple communicating robots locate a point on the line has also been studied 1 2 In the stochastic version of this problem we consider the scenario when the learning mechanism attempts to locate a point in an interval with stochastic i e possibly erroneous instead of deterministic responses from the environment Thus when it should really be moving to the right it may be advised to move to the left and vice versa Apart from the problem being of importance in its own right the stochastic pointlocationproblemalsohas potentialapplications insolvingoptimization problems

In many optimization solutions for example in image processing pattern recognition and neural computing 5 9 11 12 14 16 19 the algorithm works its way from its current solution to the optimal solution based on information that it currently has A crucial question is one of determining the parameter which the optimization algorithm should use Microsoft BizTalk Server 2004 Unleashed Scott Woodgate, 2005 Written by the BizTalk product manager and one of the pioneers of XML technology this book documents the power of BizTalk like no other Woodgate and Mohr offer full case studies of corporations using BizTalk for B2B and B2C applications as they provide complete coverage of system architecture application integration messaging and more

Microsoft OLAP/Analysis Services Unleashed Tim Peterson, 2001-01 Demonstrates OLAP server technology while explaining its use in multi dimensional data analysis *Intelligent Information Processing III* K. Shimohara, D. Feng, 2007-11-14 As the world proceeds quickly into the Information Age it encounters both successes and challenges and it is well recognized that Intelligent Information Processing provides the key to the Information Age and to mastering many of these challenges Intelligent Information Processing supports the most advanced productive tools that are said to be able to change human life and the world itself However the path is never a straight one and every new technology brings with it a spate of new research problems to be tackled by researchers As such the demand for Information Processing research is ever increasing This book presents the proceedings of the 4th IFIP International Conference on Intelligent Information Processing This conference provides a forum for engineers and scientists in academia university and industry to present their latest research findings in all aspects of Intelligent Information Processing

Microsoft? OLAP Solutions Erik Thomsen, George Spofford, Dick Chase, 1999-08-18 The authors merge their deep experience in OLAP to produce a roadmap to success with Microsoft SQL Server OLAP Services Bill Baker Microsoft Corporation Microsoft's OLAP Solutions OLAP enables users to create, change and access information from multi dimensional data warehouses almost instantaneously Microsoft has unleashed the power of OLAP in one of its most popular products SQL Server 7 now distributed with its OLAP Services

component This guide to mastering Microsoft OLAP Services begins with a practical introduction to OLAP server concepts and architecture It then progresses by logical skill building steps through a range of crucial topics in maintenance database optimization and advanced database design The authors include in depth case studies illustrating how to build OLAP applications as well as instructions on how to construct working OLAP applications including a healthcare benefits analysis application and a grocery store frequent shopper analysis application Topics covered in detail include The storage and operational architecture of Microsoft OLAP server Using the MDX language with Microsoft OLAP server Using Microsoft OLAP server to access and update data Specifying calculations Optimizing server performance Securing the server On the CD ROM you ll find All the sample applications and databases described in the book Additional software for working with Microsoft OLAP server Wiley Computer Publishing Timely Practical Reliable Visit our Web site at www.wiley.com/compbooks

Microsoft Visual Basic .NET 2003 Unleashed Heinrich Gantenbein,2005 Microsoft Visual Basic NET 2003 Unleashed is a premium reference guide and a must have for anyone currently developing or beginning to develop NET applications A primer on the basic fundamentals of NET programming is supplemented by plenty of practical application development covering virtually every aspect of NET programming It is a comprehensive easy to use book designed to lay flat making it an ideal desk reference You will also receive access to an online reference tool that contains fully searchable content and code samples Unleashed will give you the knowledge you crave to master Visual Basic NET 2003 Intelligent Knowledge-Based Systems Cornelius T. Leondes,2010-04-28 For most of our history the wealth of a nation was limited by the size and stamina of the work force Today national wealth is measured in intellectual capital Nations possessing skillful people in such diverse areas as science medicine business and engineering produce innovations that drive the nation to a higher quality of life To better utilize these valuable resources intelligent knowledge based systems technology has evolved at a rapid and significantly expanding rate Reflecting the most fascinating AI based research and its broad practical applications intelligent knowledge based systems technology is being utilized by nations to improve their medical care advance their engineering technology and increase their manufacturing productivity as well as play a significant role in a very wide variety of other areas of activity of substantive significance Today in the beginning of the 21st century it is difficult to imagine the development of the modern world without extensive use of the AI information technology that is rapidly transforming the global knowledge based economy as well as entire societies The breadth of the major application areas of intelligent knowledge based systems technology is very impressive These include among other areas Agriculture Business Chemistry Communications Computer Systems Education Electronics Engineering Environment Geology Image Processing Information Management Law Manufacturing Mathematics Medicine Meteorology Military Mining Power Systems Science Space Technology and Transportation The great breadth and expanding significance of this field on the international scene require a multi volume major reference work for an adequately substantive treatment of the subject Intelligent Knowledge Based

Systems Business and Technology in The New Millennium This work consists of the following distinctly titled and well integrated volumes Volume I Knowledge Based Systems Volume II Information Technology Volume III Expert and Agent Systems Volume IV Intelligent Systems Volume V Neural Networks This five volume set clearly manifests the great significance of these key technologies for the new economies of the new millennium The Volumes Volume 1 Knowledge Based Systems addresses the basic question of how accumulated data and staff expertise from business operations can be abstracted into useful knowledge and how such knowledge can be applied to ongoing operations The wide range of areas represented includes product innovation and design intelligent database exploitation and business model analysis Eleven chapters Volume 2 Information Technology addresses the important question of how data should be stored and used to maximize its overall value Case studies examine a wide variety of application areas including product development manufacturing product management and product pricing Ten chapters Volume 3 Expert and Agent Systems considers such application areas as image databases business process monitoring e commerce and production planning and scheduling offering a wide range of perspectives and business function concentrations to stimulate readers innovative thought Ten chapters Volume 4 Intelligent Systems discusses applications in such areas as mission critical functions business forecasting medical patient care and product design and development Nine chapters Volume 5 Neural Networks Fuzzy Theory and Genetic Algorithm Techniques explores applications in such areas as bioinformatics product life cycle cost estimating product development computer aided design product assembly and facility location Ten chapters The discussions in these volumes provide a wealth of practical ideas intended to foster innovation in thought and consequently in the further development of technology Together they comprise a significant and uniquely comprehensive reference source for research workers practitioners computer scientists academics students and others on the international scene for years to come

Microsoft SQL Server 2000 Data Transformation Services Timothy Peterson,2001 Microsoft SQL Server 2000 Data Transformation Services covers all facets in the development of data transformations with DTS The reader will learn how to create each of the DTS tasks both in the User Interface supplied with SQL Server and through the object model using Visual Basic or VBScript Microsoft SQL Server 2000 Data Transformation Services is filled with numerous small examples showing how each of the capabilities of DTS can be used It also includes a number of Data Transformation Templates which can be used by the readers to help develop their own packages

Microsoft SQL Server 2008 Analysis Services Unleashed Irina Gorbach,Alexander Berger,Edward Melomed,2008-12-14 As the foundation of the Microsoft Business Intelligence Strategy Microsoft SQL Server 2008 Analysis Services provides users with faster access to data and even more tools for managing and analyzing data across multidimensional objects databases dimensions cubes Microsoft SQL Server 2008 Analysis Services Unleashed is the ultimate guide for anyone who is planning to use the latest version of Analysis Services It gives readers insight into the way Analysis Services functions and explains practical methods for designing and creating multidimensional

objects It also provides valuable insight into the reasons behind the design decisions taken by the product development team The authors have been involved with Analysis Services from its earliest days They have documented in detail the internal features of Analysis Services 2008 explaining server architecture main data structures data processing and query resolution algorithms Discover the new functionality introduced in Analysis Services 2008 including MDX enhancements and new DMV dynamic memory views Work with the Business Intelligence Development Studio the new Dimension Editor and Aggregation Designer interfaces Enjoy complete coverage of new Shared Scalable Databases scale out infrastructure Learn the key concepts of multidimensional modeling Explore the multidimensional object model and its definition language Integrate multidimensional and relational databases Build client applications to access data in Analysis Services Unravel the inner workings of the server architecture including main data structures data processing and query resolution algorithms Learn the main concepts of the MDX language and gain an in depth understanding of advanced MDX concepts Gain a deeper understanding of the internal and external protocols for data transfer including the XML A protocol Discover how Analysis Services manages memory Explore the security model including role based security code access security and data security Category Microsoft SQL Server Covers Microsoft SQL Server 2008 Analysis Services User Level Intermediate Advanced

Writing Stored Procedures with Microsoft SQL Server Matthew Shepker,2000 Annotation Writing Stored Procedures for Microsoft SQL Server will focus on teaching the reader not only how to build effective stored procedures but also on how to optimize and stream line them for long term use The reader will be provided with an understanding of how SQL Server interprets stored procedures verses direct access via SQL queries This will be followed by detailed instructions on creating and maintaining a repository of stored procedures Once the reader knows how stored procedures are created and built they will be taught how to determine which logic within an application makes sense to be put into this scheme Additionally they will be provided with guidance on making stored procedures that are portable across applications Some of the specific topics covered in Writing Stored Procedures with Microsoft SQL Server will include How SQL Server interprets stored procedures and SQL statements Designing building and implementing stored procedures Creating stored procedures that can be used in multiple applications Working with Indexes Views and Triggers in stored procedures Building business logic into stored procedures Componentizing database access and Accepting parameters in stored procedures

Visual InterDev 6

Unleashed Paul B. Thurrott,1999 Ready to use building blocks for integrated circuit design Why start coding from scratch when you can work from this library of pre tested routines created by an HDL expert There are plenty of introductory texts to describe the basics of Verilog but Verilog Designer s Library is the only book that offers real reusable routines that you can put to work right away Verilog Designer s Library organizes Verilog routines according to functionality making it easy to locate the material you need Each function is described by a behavioral model to use for simulation followed by the RTL code you ll use to synthesize the gate level implementation Extensive test code is included for each function to assist you with your

own verification efforts Coverage includes Essential Verilog coding techniques Basic building blocks of successful routines State machines and memories Practical debugging guidelines Although Verilog Designer's Library assumes a basic familiarity with Verilog structure and syntax it does not require a background in programming Beginners can work through the book in sequence to develop their skills while experienced Verilog users can go directly to the routines they need Hardware designers systems analysts VARs OEMs software developers and system integrators will find it an ideal sourcebook on all aspects of Verilog development **AI ... ,2003 Active Server Pages 2.0 Unleashed** Walther,1999

Access 2002 Development Unleashed Stephen Forte,Tom Howe,James Ralston,2002 This comprehensive treatment of Access 2002 is indispensable for any serious Access developer as a tutorial and solution reference This book is written by Access developers for Access developers Numerous code examples and real world solutions which progress step by step and don't leave any gaps Disciplined well structured and commented examples that come from real world experience Access 2002 Development Unleashed provides the experienced Access user information needed for high end enterprise applications This includes both Jet engine multi user applications and SQL Server enterprise applications This book will strengthen their existing Access knowledge and move them to a professional level of development Written by respected Access professionals this book will also give readers real world examples for their business solutions and advice from years of working experience Topics include database design data access VBA Access Client Server user interfaces interoperability multi user issues and Web publishing with Access

Uncover the mysteries within is enigmatic creation, Discover the Intrigue in **Microsoft Olap Unleashed** . This downloadable ebook, shrouded in suspense, is available in a PDF format (PDF Size: *). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

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