

Inside Microsoft Sql Server 2005 Query Tuning And Optimization

The Comprehensive Resource for SQL Server 2005 Administrators, Consultants, and Developers Whether you're a systems administrator, database application developer, or IT consultant, you'll quickly ratchet up your knowledge of Microsoft SQL Server 2005 with this thorough and comprehensive guide. Light on theory and heavy on practicality, it cuts to the chase with real-world examples of large-scale business applications, an entire chapter on troubleshooting, and crucial information on SQL Server 2005's enhanced connectivity. For new users of Microsoft SQL Server, this book takes you quickly, but systematically, through the introductory topics. Coverage Includes Integrating SQL Server with .NET Framework Understanding Service Broker, a distributed application framework Programming with ADO.NET, the data-access component of .NET Setting up Notification Services, which delivers personalized information to mobile devices Using SQL Server Management Studio instead of Enterprise Manager Designing made easier with new Business Intelligence Development Studio (BIDS) Printing multi-page reports Mastering Transact-SQL programming language Leverage the Experience of Large-Scale Enterprises through Real-World Examples Increase Your Own Productivity with an Entire Chapter on Troubleshooting Discover What SQL Server 2005's Increased Emphasis on Connectivity Means to Your Installation Start Developing Apps--All the Information You Need! www.sybex.com

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. 

Read Online Inside Microsoft Sql Server 2005 Query Tuning And Optimization

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* ◆ ◆

Take a detailed look at the internal architecture of T-SQL--and unveil the power of set-based querying--with comprehensive reference and advice from the experts. Database developers and administrators get best practices, sample databases, and code to master the intricacies of the programming language--solving complex problems with real-world solutions. Discover how to: Understand logical and physical query

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processing Apply a methodology to optimize query tuning Solve relational division problems Use CTEs and ranking functions to simplify and optimize solutions Aggregate data with various techniques, including tiebreakers, pivoting, histograms, and grouping factors Use the TOP option in a query to modify data Query specialized data structures with recursive logic, materialized path, or nested sets solutions PLUS--Improve your logic and get to the heart of querying problems with logic puzzles Get code and database samples on the Web

If you've not programmed with Transact-SQL, this book is for you. It begins with an overview of SQL Server query operations and tools used with T-SQL, and covers both the 2005 and 2008 releases of SQL Server query tools and the query editor. The book then moves to show you how to design and build applications of increasing complexity. Other important tasks covered include full text indexing, optimizing query performance, and application design and security considerations. The companion website also provides all of the code examples from the book.

Programming Microsoft SQL Server 2008

Learning SQL on SQL Server 2005

Microsoft SQL Server 2012 A Beginners Guide 5/E

Pro SQL Server 2005 Integration Services

Query Tuning and Optimization

"I come from a T-SQL background, so when I first laid my eyes on SQL Server 2005, I was shocked--and then, I was scared! I didn't have a CLR or XML background and suddenly had an urgent need to learn it. SQL Server 2005 is too big of a release to learn from the books online. Fortunately, now there is a book for developers who need to go

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from SQL Server 2000 to SQL Server 2005 and to do it as painlessly as possible. Basically, it's one-stop shopping for serious developers who have to get up to speed quickly. I'll keep this one on my desk--not on my bookshelf. Well done, Bob and Dan!" --Dr. Tom Moreau SQL Server MVP and Monthly Columnist SQL Server Professional, Brockman Moreau Consulting Inc. "A SQL book truly for developers, from two authorities on the subject. I'll be turning to this book first when I need to understand a component of SQL Server 2005." --Matt Milner Instructor Pluralsight "An excellent book for those of us who need to get up to speed on what's new in SQL Server 2005. The authors made sure this book includes the final information for the release version of the product. Most other books out now are based on beta versions. It covers key areas from XML and SQLCLR to Notification Services. Although the wide variety of information is great, my favorite part was the advice given on when to use what, and how performance is affected." --Laura Blood Senior Software Developer Blue Note Computing, Inc. "SQL Server 2005 is a massive release with a large number of new features. Many of these features were designed to make SQL Server a great application development platform. This book provides comprehensive information about the SQL Server features of most interest to application developers. The lucid text and wealth of examples will give a developer a clear understanding of how to use SQL Server 2005 to a whole new class of database applications. It should be on every SQL Server developer's bookshelf." --Roger

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Wolter Solutions Architect Microsoft Corporation "While there will be a lot of good books on SQL Server 2005 development, when people refer to the 'bible, ' they'll be talking about this book." --Dr. Greg Low Senior Consultant Readify Pty Ltd "SQL Server 2005 is loaded with new features and getting a good overview is essential to understand how you can benefit from SQL Server 2005's features as a developer. Bob and Dan's book goes beyond enumerating the new SQL Server 2005 features, and will provide you with lots of good examples. They did a good job striking a balance between overview and substance." --Michiel Worries Senior Program Manager, SQL Server Microsoft Corporation Few technologies have been as eagerly anticipated as Microsoft SQL Server 2005. Now, two SQL Server insiders deliver the definitive hands-on guide--accurate, comprehensive, and packed with examples. "A Developer's Guide to SQL Server 2005 "starts where Microsoft's documentation, white papers, and Web articles leave off, showing developers how to take full advantage of SQL Server 2005's key innovations. It draws on exceptional cooperation from Microsoft's SQL Server developers and the authors' extensive access to SQL Server 2005 since its earliest alpha releases. You'll find practical explanations of the new SQL Server 2005 data model, built-in .NET hosting, improved programmability, SQL:1999 compliance, and much more. Virtually every key concept is illuminated via sample code that has been fully updated for and tested with the shipping version of the product. Key coverage includes Using SQL Server 2005 as a .NET

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runtime host: extending the server while enhancing security, reliability, and performance
Writing procedures, functions, triggers, and types in .NET languages
Exploiting enhancements to T-SQL for robust error-handling, efficient queries, and improved syntax
Effectively using the XML data type and XML queries
Implementing native SQL Server 2005 Web Services
Writing efficient, robust clients for SQL Server 2005 using ADO.NET, classic ADO, and other APIs
Taking full advantage of user-defined types (UDTs), query notifications, promotable transactions, and multiple active result sets (MARS)
Using SQL Management Objects (SMO), SQL Service Broker, and SQL Server Notification Services to build integrated applications

SQL Server Compact Edition is a slimmed down version of SQL Server that you can use on Pocket PCs, Smart phones, Tablet PCs, and Desktops. With this book, you will learn how to build applications for resource constrained devices. You'll discover how the SQL Server Compact Edition database can also be used as an embedded in-proc database for desktop-based applications. You'll learn how to manage the SQL Server Compact Edition database using SQL Server Management Studio, Visual Studio, and Query Analyzer. Laptops, Tablet PCs, and mobile devices enable information workers to access enterprise data from remote locations. With the step-by-step exercises provided in this book, you'll learn how to synchronize data between SQL Server and SQL Server Compact Edition. You'll also learn Remote Data Access-a lightweight method to exchange data between

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SQL Server and SQL Server Compact Edition. Also in this book are code samples to help you write database applications for mobile devices and for desktop PCs. Throughout the book you'll find expert tips for building and deploying enterprise applications.

Understand how to... Build mobile and desktop applications using SQL Server Compact Edition Set up the development and production environment with Visual Studio, SQL

Server, and SQL Server Compact Edition Optimize performance and plan for security

Manage databases using SQL Server Management Studio, Visual Studio, and Query

Analyzer Develop applications using ADO.NET and OLEDB provider for SQL Server

Compact Edition Upgrade from earlier versions of SQL CE, .NET Compact Framework,

and Visual Studio Use Merge Replication to synchronize data between SQL Server and

SQL Server Compact Edition Exchange data between SQL Server and SQL Server

Compact Edition using Remote Data Access Introduction 1 1 Getting Started with SQL

Server 2005 Compact Edition 7 2 Platform Support and Installation 35 3 Getting to Know

the Tools 63 4 Managing the SQL Server 2005 Compact Edition Database 109 5

Defining Database Structure 131 6 Manipulating the Database 175 7 Programming SQL

Server 2005 Compact Edition with ADO.NET 205 8 Introducing Native Access 247 9

Using Operators in SQL Server 2005 Compact Edition 279 10 Using the Built-In

Functions 295 11 Upgrading from a Previous Version 327 12 Synchronizing Data with

Merge Replication 345 13 Synchronizing Data with Remote Data Access 411 14 Securing

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the SQL Server 2005 Compact Edition Database 459 15 SQL Server 2005 Compact Edition Performance Tuning 505 Index 551

*Database professionals will find that this new edition aids in mastering the latest version of Microsoft's SQL Server. Developers and database administrators (DBAs) use SQL on a daily basis in application development and the subsequent problem solving and fine tuning. Answers to SQL issues can be quickly located helping the DBA or developer optimize and tune a database to maximum efficiency. Basic questions are easily located on the topics of filtering, sorting, operators, conditionals, pseudo columns, single row functions, joins, grouping functions, sub queries, composite queries, hierarchies, flashback queries, parallel queries, expressions and regular expressions. Assistance on DML, data types (including collections), XML, DDL for basic database objects such as tables, views and indexes, partitioning, and security is also considered. * Identifies and discusses the most common issues database administrators (DBAs) face day-to-day
*Provides DBAs with solutions actually used by the authors in enterprise environments
*Explores new features which add more control but reduce performance
Tackle the toughest set-based querying and query tuning problems—guided by an author team with in-depth, inside knowledge of T-SQL. Deepen your understanding of architecture and internals—and gain practical approaches and advanced techniques to optimize your code's performance. Discover how to: Move from procedural*

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programming to the language of sets and logic Optimize query tuning with a top-down methodology Assess algorithmic complexity to predict performance Compare data-aggregation techniques, including new grouping sets Manage data modification—insert, delete, update, merge—for performance Write more efficient queries against partitioned tables Work with graphs, trees, hierarchies, and recursive queries Plus—Use pure-logic puzzles to sharpen your problem-solving skills

Mastering Microsoft SQL Server 2005

A Developer's Guide to SQL Server 2005

MCITP Developer: Microsoft SQL Server 2005 Data Access Design and Optimization Study Guide

Inside Microsoft® SQL Server 2005, Fourth Edition

Beginning SQL Server 2005 Express Database Applications with Visual Basic Express and Visual Web Developer Express

This Practical, Hands-On Book Offers Deep, Thorough Coverage Of The Internals Of Architecture And Resource Management In Sql Server 2005, Focusing On The Storage Engine. The Book Features Extensive Code Samples And Table Examples.

Understanding The Inter

This practical, hands-on book offers deep, thorough coverage of the internals of architecture and resource management in SQL Server 2005, focusing on the Storage

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Engine. The book features extensive code samples and table examples. Provides information on using SQL Server 2005 integration services to build enterprise ETL applications.

Summary Learn SQL Server Administration in a Month of Lunches is the perfect way to get started with SQL Server operations, including maintenance, backup and recovery, high availability, and performance monitoring. In about an hour a day over a month, you'll learn exactly what you can do, and what you shouldn't touch. Most importantly, you'll learn the day-to-day tasks and techniques you need to keep SQL Server humming along smoothly. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Microsoft SQL Server is used by millions of businesses, ranging in size from Fortune 500s to small shops worldwide. Whether you're just getting started as a DBA, supporting a SQL Server-driven application, or you've been drafted by your office as the SQL Server admin, you do not need a thousand-page book to get up and running. Learn SQL Server Administration in a Month of Lunches is the perfect way to get started with SQL Server. This concise, easy-to-read book skips academic introductions and teaches you day-to-day techniques for maintenance, backup and recovery, performance monitoring, and more. Each of the 21 short lessons gives you practical takeaways you'll use over and over. What's Inside Master the basics—indexes, logins, backup, recovery ... and more Learn what you can and cannot do when supporting a

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third-party application Monitor and improve performance Written by expert trainer and bestselling author Don Jones Accessible to readers of any level of experience, the book covers techniques for all versions of SQLServer 2005-2014. About the Author Don Jones is a Microsoft MVP, speaker, and trainer. He is the creator of the Month of Lunches series and author of over 50 books on PowerShell, IIS, Active Directory, SCCM, SQL Server, and more. Table of Contents Before you begin Server assessment and configuration T-SQL crash course Managing databases Backup and recovery Authentication: who are you? Authorization: what are you allowed to do? Accounting: what did you do? Analyzing indexes Maintaining indexes Tuning index designs Reading query execution plans Block and deadlock analysis Automating management with SQL Server Agent Multiserver management Windows PowerShell and SQL Server Using Extended Events Monitoring and analyzing performance Options for high availability Virtualizing SQL Server Moving, migrating, and upgrading databases SQL Server performance checklist Never the end the storage engine zhong wen ban Microsoft SQL Server 2005 Notification Services Microsoft SQL Server 2005 Integration Services Step by Step From Novice to Professional

Provides information on the architecture of the T-SQL

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programming language to create scalable code.

Anyone who interacts with today's modern databases needs to know SQL (Structured Query Language), the standard language for generating, manipulating, and retrieving database information. In recent years, the dramatic rise in the popularity of relational databases and multi-user databases has fueled a healthy demand for application developers and others who can write SQL code efficiently and correctly. If you're new to databases, or need a SQL refresher, Learning SQL on SQL Server 2005 is an ideal step-by-step introduction to this database query tool, with everything you need for programming SQL using Microsoft's SQL Server 2005—one of the most powerful and popular database engines used today. Plenty of books explain database theory. This guide lets you apply the theory as you learn SQL. You don't need prior database knowledge, or even prior computer knowledge. Based on a popular university-level course designed by authors Sikha Saha Bagui and Richard Walsh Earp, Learning SQL on SQL Server 2005 starts with very simple SQL concepts, and slowly builds into more complex query development. Every topic, concept, and idea comes with examples of code and output, along

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with exercises to help you gain proficiency in SQL and SQL Server 2005. With this book, you'll learn: Beginning SQL commands, such as how and where to type an SQL query, and how to create, populate, alter and delete tables How to customize SQL Server 2005's settings and about SQL Server 2005's functions About joins, a common database mechanism for combining tables Query development, the use of views and other derived structures, and simple set operations Subqueries, aggregate functions and correlated subqueries, as well as indexes and constraints that can be added to tables in SQL Server 2005 Whether you're an undergraduate computer science or MIS student, a self-learner who has access to the new Microsoft database, or work for your company's IT department, Learning SQL on SQL Server 2005 will get you up to speed on SQL in no time. Extend your programming skills with a comprehensive study of the key features of SQL Server 2008. Delve into the new core capabilities, get practical guidance from expert developers, and put their code samples to work. This is a must-read for Microsoft .NET and SQL Server developers who work with data access—at the database, business logic, or presentation levels.

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Discover how to: Query complex data with powerful Transact-SQL enhancements Use new, non-relational features: hierarchical tables, native file streaming, and geospatial capabilities Exploit XML inside the database to design XML-aware applications Consume and deliver your data using Microsoft LINQ, Entity Framework, and data binding Implement database-level encryption and server auditing Build and maintain data warehouses Use Microsoft Excel to build front ends for OLAP cubes, and MDX to query them Integrate data mining into applications quickly and effectively. Get code samples on the Web.

Implement a Robust BI Solution with Microsoft SQL Server 2012 Equip your organization for informed, timely decision making using the expert tips and best practices in this practical guide. Delivering Business Intelligence with Microsoft SQL Server 2012, Third Edition explains how to effectively develop, customize, and distribute meaningful information to users enterprise-wide. Learn how to build data marts and create BI Semantic Models, work with the MDX and DAX languages, and share insights using Microsoft client tools. Data mining and forecasting are also covered in this comprehensive resource.

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Understand the goals and components of successful BI Design, deploy, and manage data marts and OLAP cubes Load and cleanse data with SQL Server Integration Services Manipulate and analyze data using MDX and DAX scripts and queries Work with SQL Server Analysis Services and the BI Semantic Model Author interactive reports using SQL Server Data Tools Create KPIs and digital dashboards Use data mining to identify patterns, correlations, and clusters Implement time-based analytics Embed BI reports in custom applications using ADOMD.NET

Beginning T-SQL with Microsoft SQL Server 2005 and 2008

T-SQL Querying

T-SQL Programming zhong wen ban

Inside Microsoft SQL Server 2008 T-SQL Querying

Microsoft SQL Server 2005 Reporting Services

All medium to large companies have to deal with data being stored in a number of databases, spreadsheets and proprietary applications. Bringing all this data together into one system can be useful to analyzing the business; but can also be quite difficult to do. Integration Services is the next big bet in Microsoft's business intelligence lineup, providing you with true enterprise extract transform and load features (ETL). Microsoft SQL Server 2005 Integration Services concentrates on providing you with real world

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solutions to real world problems, giving you a head start on various projects. If you are only evaluating Integration Services, you'll be able to focus on the early chapters with the option of drilling down into details in the later chapters where some of the more complex concepts will be discussed in detail. The interesting sidebars peppered throughout the book provide insight into the processes, people and decisions that yielded the final IS product.

Provides information on the tuning and optimization features of SQL server 2005, covering such topics as query execution, plan caching, and concurrency problems.

Provides information on the architecture of the T-SQL programming language.

Inside Microsoft SQL Server 2005 T-SQL Programming

Learn SQL Server Administration in a Month of Lunches

Microsoft SQL Server 2005 Integration Services

Microsoft SQL Server 2005 For Dummies

the Storage Engine 中文版

Inside Microsoft SQL Server 2005

T-SQL insiders help you tackle your toughest queries and query-tuning problems. Squeeze maximum performance and efficiency from every T-SQL query you write or tune. Four leading experts take an in-depth look at T-SQL's internal architecture and offer advanced practical techniques for optimizing response time and resource usage. Emphasizing a correct understanding of the language and its foundations, the authors present unique solutions they have spent years developing and

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refining. All code and techniques are fully updated to reflect new T-SQL enhancements in Microsoft SQL Server 2014 and SQL Server 2012. Write faster, more efficient T-SQL code: Move from procedural programming to the language of sets and logic Master an efficient top-down tuning methodology Assess algorithmic complexity to predict performance Compare data aggregation techniques, including new grouping sets Efficiently perform data-analysis calculations Make the most of T-SQL's optimized bulk import tools Avoid date/time pitfalls that lead to buggy, poorly performing code Create optimized BI statistical queries without additional software Use programmable objects to accelerate queries Unlock major performance improvements with In-Memory OLTP Master useful and elegant approaches to manipulating graphs About This Book For experienced T-SQL practitioners Includes coverage updated from Inside Microsoft SQL Server 2008 T-SQL Querying and Inside Microsoft SQL Server 2008 T-SQL Programming Valuable to developers, DBAs, BI professionals, and data scientists Covers many MCSE 70-464 and MCSA/MCSE 70-461 exam topics

* First book to demonstrate the full Express Suite of tools to the point where the reader can developer effective, low-budget database applications for non-profit web sites or for commercial tactical solutions. * Will capture the wave of application developers migrating from traditional VB/Access database to the .NET approach. * Full cases studies showing how to build e-Commerce and Web applications. * Readers will gain a sufficient grasp of the SQL Server and .NET fundamentals that they can readily grow their skills for clients whose needs

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escalate over time.

Create and Use Stored Procedures for Optimal Database Performance Develop complex stored procedures to retrieve, manipulate, update, and delete data.

Microsoft SQL Server 2005 Stored Procedure Programming in T-SQL & .NET identifies and describes the key concepts, techniques, and best practices you need to master in order to take full advantage of stored procedures using SQL Server's native Transact-SQL and .NET CLR languages. You'll learn to incorporate effective Transact-SQL stored procedures into client or middleware code, and produce CLR methods that will be compiled into CLR stored procedures. This is a must-have resource for all SQL Server 2005 developers. Essential Skills for Database Professionals Group and execute T-SQL statements using batches, scripts, and transactions Create user-defined, system, extended, temporary, global temporary, and remote stored procedures Develop and manage stored procedures using C# and Visual Basic .NET Implement database access using ADO.NET Create CLR user-defined functions and triggers Implement reliable debugging and error handling techniques and security measures Manage source code in a repository such as Visual SourceSafe Create stored procedures for web search engines Use system and extended stored procedures to interact with the SQL Server environment Now updated to reflect the much-anticipated "Yukon" release of SQL Server, this friendly guide shows database developers and administrators as well as those who use database application how to get up to speed fast Offers a gentle introduction to relational database design and shows how to build databases, create database

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applications, and maintain and optimize database performance Covers the major new features of the "Yukon" release-including analysis services, reporting services, and notification services

The Storage Engine

Delivering Business Intelligence with Microsoft SQL Server 2012 3/E

Microsoft SQL Server 2005 Compact Edition

Microsoft SQL Server 2005 Express Edition For Dummies

Microsoft SQL Server 2005 Performance Optimization and Tuning Handbook

Market_Desc: " System Administrators" Database Administrators" IT Consultants" Database Application Developers" Beginner-to-Advanced Users Special Features: Mastering SQL Server 2005 is more thorough than the competition and is aimed at the professional who needs real-world solutions-not lessons in database theory and architecture:- Offers database admin and developer topics; other books are short on app development.- Covers beginning to advanced topics with an easy learning curve, while the competition moves too quickly to advanced topics.- Light on theory to emphasize the practical solutions a database administrator needs.- Unique in that it devotes a whole chapter

to troubleshooting.- Mike Gunderloy is a well-known and respected name in the SQL Server market. About The Book: Mastering Microsoft SQL Server 2005 continues the approach of its previous edition by providing complete, accurate, and expert coverage of the product. The material is aimed at all levels of readers with an easy ramp up to intermediate and advanced database topics. This new edition has seven new chapters that cover using SQL Server 2005, advanced database administration, and database application development. Of special interest is its chapter on troubleshooting, a topic missing in competitive books.

Create and modify databases and keep them secure Get up to speed on using T-SQL to store and manipulate data SQL Server 2005 improves an already great database management system. This book shows you how to put it to work in a hurry. You'll find out how to use the SQL Server Management Studio and the SQLCMD utility to write T-SQL code, retrieve data from single or multiple SQL Server tables, add data using the INSERT statement, and much more. * Create queries to retrieve data *

Ensure SQL Server security * Use Visual Studio(r) 2005 with SQL Server * Create tables, views, and indexes * Work with Common Language Runtime * Query XML data

Microsoft SQL Server 2005 Notification Services covers the basic problems of notification applications, describes the SQL Notification Services platform and describes how to use it to build rich, scalable notification applications. Written by Shyam Pather, the Technical Lead for the SQL Notification Services Team, this book is based on his three years of experience teaching SQL Notification Services to new customers. This book is your complete resource for learning SQL Notification Services application development and the underlying architectural concepts.

Find the right information and present it the right way Take full advantage of all SQL Server Reporting Services can do for you Without a way to interpret it, the data in your database just sits there doing nothing. Now you have help! This handy guide shows you how to retrieve data and create reports with the newest version of SQL Server Reporting Services, so you can

deliver both hard copy and interactive, Web-based reports that tell your story. Discover how to Access information from different databases Build the right queries Choose the best report type Move from other reporting tools Deliver reports on demand Produce drill-down and drill-through reports

Inside Microsoft SQL server 2005

Inside Microsoft SQL Server TM 2005

Microsoft SQL Server 2005 Reporting Services For Dummies

Inside Microsoft SQL Server 2008

Microsoft SQL Server 2005 Programming For Dummies

As your essential guide to Microsoft's new SQL Server 2005 certification (exam 70-442), this book offers you practical and in-depth coverage. Full coverage of all exam objectives is presented in a systematic approach so you can be confident you're getting the instruction you need for the exam. Plus, practical hands-on exercises reinforce critical skills and real-world scenarios put what you've learned in the context of actual job roles. Finally, challenging review questions in each chapter prepare you for exam day.

Microsoft's Reporting Services product is a vital part of the SQL Server 2005 business intelligence platform, but it works with virtually any data source.

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This hands-on guide explains how to transform data into insightful and interactive Web-based reports using Microsoft SQL Server 2005 Reporting Services. With coverage of everything from installation to administration, the book demonstrates how to use this powerful server-based reporting solution to improve business decision-making and facilitate company-wide -- even worldwide -- communication.

Essential Microsoft SQL Server 2012 Skills Made Easy Get up and running on Microsoft SQL Server 2012 in no time with help from this thoroughly revised, practical resource. Filled with real-world examples and hands-on exercises, Microsoft SQL Server 2012: A Beginner's Guide, Fifth Edition starts by explaining fundamental relational database system concepts. Then, you'll learn how to write Transact-SQL statements, execute simple and complex database queries, handle system administration and security, and use the powerful analysis, business intelligence, and reporting tools. XML, spatial data, and full-text search are also covered in this step-by-step tutorial. Install, configure, and customize SQL Server 2012 Create and modify database objects with Transact SQL statements Write stored procedures and user-defined functions Handle backup and recovery Automate administrative tasks Tune your database system for optimal performance, availability, and

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reliability Implement security measures using authentication, encryption, and authorization Work with SQL Server Analysis Services, SQL Server Reporting Services, and other business intelligence tools Store, display, and query XML documents Manage spatial data Query documents using MS Full-Text Search (FTS)

Delve inside the core SQL Server engine—and put that knowledge to work—with guidance from a team of well-known internals experts. Whether database developer, architect, or administrator, you'll gain the deep knowledge you need to exploit key architectural changes—and capture the product's full potential. Discover how SQL Server works behind the scenes, including: What happens internally when SQL Server builds, expands, shrinks, and moves databases How to use event tracking—from triggers to the Extended Events Engine Why the right indexes can drastically reduce your query execution time How to transcend normal row-size limits with new storage capabilities How the Query Optimizer operates Multiple techniques for troubleshooting problematic query plans When to force SQL Server to reuse a cached query plan—or create a new one What SQL Server checks internally when running DBCC How to choose among five isolation levels and two concurrency models when working with multiple concurrent users

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Microsoft SQL Server 2008 Internals

Exam 70-442

Microsoft SQL Server 2005 Stored Procedure Programming in T-SQL & .NET

SQL Server 2005 Bible

SQL Server 2005 Distilled

Teach yourself the fundamentals of SQL Server Integration Services—one step at a time. This practical, learn-by-doing tutorial delivers the guidance you need to transform and consolidate data—and build solutions that support your business intelligence needs. Discover how to:

- Design and execute packages that transform data between files and relational databases**
- Configure connection managers to access other data sources**
- Create data flows that alter, split, match, and merge data**
- Develop event-handlers and monitor package performance**
- Encrypt sensitive information and control access to packages**
- Customize script code to automate Control Flow and Data Flow tasks**
- Debug, troubleshoot, and optimize packages**

CD features: All practice exercises Sample databases Fully searchable eBook For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

SQL Server Integration Services is groundbreaking. It exists for both the database administrator and the developer, as well as that new role SSIS

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has created between the two—the data artisan. Pro SQL Server 2005 Integration Services contains everything you could ever hope to know about this exciting development from Microsoft: developer insight, Microsoft group manager-level access, personal experience of using the technology in the real-world, and fine-grained analysis. If you want to rapidly gain knowledge and context from your data, Microsoft's latest and greatest interpretation of enterprise application integration, SQL Server Integration Services, is for you. As part of the extensive SQL Server suite, Integration Services is a more serious and expandable interpretation of the integration paradigm than previously available. At once both simple to use yet incredibly complex, it goes far beyond being a reimagining and reengineering of DTS, and it's all presented in a familiar Visual Studio context. It's agile, it's service-oriented, it's everything to everyone. Written for the developer, the database administrator, and the data artisan, Pro SQL Server 2005 Integration Services will show you how to develop and deploy enterprise SSIS solutions in multibillion-item environments. It's everything SSIS, explained for everyone! What you'll learn Understand how to develop and deploy SSIS solutions that will perform in multibillion-item environments from an author who has been there and done it Build bespoke custom components tailored to your projects exact requirements Create performant and scalable solutions with an eye to future requirements and

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upgrades Who this book is for This book is for anyone working with SQL Server who has an interest in the Integration Services technology. Deep experience of SQL Server 2005 is not expected; however, you should be comfortable with fundamental techniques.

**Delivers the know-how that novice database developers, enthusiasts, and independent software vendors need in order to use the SSE database
Written in the typical nonintimidating For Dummies style, the book's emphasis is on installing SSE and using it to create simple database applications with other tools in Microsoft's Express product line Covers how to use SQL Server Express Manager, an easy-to-use management tool that comes with SSE, and the Application XCopy feature, which provides SSE with the ability to treat databases like files Addresses topics unique to SSE and not covered in standard SQL Server books, including network and security features, migrating and connecting from Access and MSDE to SSE, and migrating from SSE to the full-blown SQL Server database The CD-ROM contains SQL Server Express trial version and the Web site has the code from applications featured in the book
Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.**

Need to get your arms around Microsoft SQL Server 2005 fast, without getting buried in the details? Need to make fundamental decisions about deploying, using, or administering Microsoft's latest enterprise database?

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Need to understand what's new in SQL Server 2005, and how it fits with your existing IT and business infrastructure? SQL Server 2005 Distilled delivers the answers you need-quickly, clearly, and objectively. Former SQL Server team member Eric L. Brown offers realistic insight into every significant aspect of SQL Server 2005: its new features, architecture, administrative tools, security model, data management capabilities, development environment, and much more. Brown draws on his extensive experience consulting with enterprise users, outlining realistic usage scenarios that leverage SQL Server 2005's strengths and minimize its limitations. Coverage includes Architectural overview: how SQL Server 2005's features work together and what it means to you Security management, policies, and permissions: gaining tighter control over your data SQL Server Management Studio: Microsoft's new, unified tool suite for authoring, management, and operations Availability enhancements: online restoration, improved replication, shorter maintenance/recovery windows, and more Scalability improvements, including a practical explanation of SQL Server 2005's complex table partitioning feature Data access enhancements, from ADO.NET 2.0 to XML SQL Server 2005's built-in .NET CLR: how to use it, when to use it, and when to stay with T-SQL Business Intelligence Development Studio: leveraging major improvements in reporting and analytics Visual Studio integration: improving efficiency throughout the coding and debugging process

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Simple code examples demonstrating SQL Server 2005's most significant new features

T-SQL Programming

Mastering Microsoft Sql Server 2005

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