

Programming Microsoft Sql Server 2008

Microsoft SQL Server 2008 R2 Administration Cookbook MICROSOFT SQL SERVER 2008 A BEGINNER'S GUIDE 4/E Microsoft® SQL Server™ 2008 New Features Professional Microsoft SQL Server 2008 Administration Pro SQL Server 2008 Administration Beginning SQL Server 2008 Express for Developers Pro SQL Server 2008 Failover Clustering SQL Server 2008 Administration Instant Reference Microsoft SQL Server 2008 Step by Step Beginning SQL Server 2008 Administration Microsoft SQL Server 2008 For Dummies Beginning SQL Server 2008 for Developers Microsoft SQL Server 2008 R2 Master Data Services Beginning Spatial with SQL Server 2008 Beginning Microsoft SQL Server 2008 Administration The Real MCTS SQL Server 2008 Exam 70-433 Prep Kit Microsoft SQL Server 2008 New Features Microsoft SQL Server 2008 All-in-One Desk Reference For Dummies Microsoft SQL Server 2008 R2 Unleashed Beginning Microsoft SQL Server 2008 Programming Satya Shyam K. Jayanty Dusan Petkovic Michael Otey Brian Knight Ken Simmons Robin Dewson Allan Hirt Michael Lee Mike Hotek Robert Walters Mike Chapple Robin Dewson Tyler Graham Alastair Aitchison Chris Leiter Michael Otey Robert D. Schneider Ray Rankins Robert Vieira

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sql server 2008 represents a sizable jump forward in scalability performance and usability for the dba developer and business intelligence bi developer it is no longer unheard of to have 20 terabyte databases running on a sql server sql server administration used to just be the job of a database administrator dba but as sql server proliferates throughout smaller companies many developers have begun to act as administrators as well additionally some of the new features in sql server are more developer centric and poor configuration of these features can result in poor performance sql server now enables you to manage the policies on hundreds of sql servers in your environment as if you were managing a single instance we've provided a comprehensive tutorial based book to get you over the learning curve of how to configure and administer sql server 2008 whether you're an administrator or developer using sql server you can't avoid wearing a dba hat at some point developers often have sql server on their own workstations and must provide guidance to the administrator about how they'd like the production configured oftentimes they're responsible for creating the database tables and indexes administrators or dbas support the production servers and often inherit the database from the developer this book is intended for developers dbas and casual users who hope to administer or may already be administering a sql server 2008 system and its business intelligence features such as integration services this book is a professional book meaning the authors assume that you know the basics about how to query a sql server and have some rudimentary concepts of sql server already for example this book does not show you how to create a database or walk you through the installation of sql server using the wizard instead the author of the installation chapter may provide insight into how to use some of the more advanced concepts of the installation although this book does not cover how to query a sql server database it does cover how to tune the queries you've already written

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sql server 2008 is a first rate database management system it offers more capability than any previous release of sql server more than just a classic relational database management system sql server 2008 includes exciting and powerful features that make it useful for everything from large corporate data warehouses to ad hoc departmental databases you ll find enhanced support for xml new support for spatial data transparent data encryption a policy based management system and more author and developer robin dewson will show you the way from beginner to sql server 2008 professional learn to install sql server 2008 and navigate around management studio before getting right to the heart of mastering fundamental sql server 2008 tasks creating tables storing data securing data and retrieving it again dewson ensures you ll be fully prepared to use all the basics and create a solid foundation for your own projects don t forget about backups your database will house important data so backing up is essential to protect yourself from inevitable hardware failure dewson walks you through sql server 2008 s easy to use backup and recovery feature set giving you the grounding that you need in order to set up a reliable plan for recovery in your own environment learn to use transact sql a full blown procedural language that is built right into the database system transact sql is the key to unlocking everything that sql server 2008 has to offer using transact sql you can write centrally encapsulated business logic through the use of stored procedures automatically trigger processing through the use of triggers and manipulate data within the server without having to

move data back and forth across the network finally you ll learn a bit about sql server 2008 reporting services a powerful tool that allows enterprise reporting reporting services enables you to develop and serve reports across your organization and even to business partners outside your company reporting services also gives end users the ability to create their own reports helping them transform business data into valuable usable information to guide their day to day decisions

microsoft sql server 2008 introduces new geography and geometry spatial datatypes that enable the storage of structured data describing the shape and position of objects in space this is an interesting and exciting new feature with many potentially useful applications beginning spatial with sql server 2008 covers everything you need to know to begin using these new spatial datatypes and explains how to apply them in practical situations involving the spatial relationships of people places and things on the earth all of the spatial concepts introduced are explained from the ground up so you need not have any previous knowledge of working with spatial data every section is illustrated with code examples that you can use directly in sql server all of the topics covered in this book apply to all versions of sql server 2008 including the freely available sql server 2008 express what you ll learn understand the fundamental concepts involved in working with spatial data including spatial references and coordinate systems apply these concepts in the collection and storage of spatial data in sql server 2008 using the new geometry and geography field types create different types of spatial data objects points lines and polygons and use these to describe real world objects learn how to analyze spatial data using a range of supported methods and be aware of a number of different practical applications for these methods be shown how to integrate sql server with other tools such as microsoft virtual earth to display a visual representation of spatial data know how to ensure the performance of spatially enabled databases by creating appropriate spatial indexes who this book is for sql server developers who wish to use spatial data in microsoft sql server 2008

sql server 2008 introduces many new features that will change database administration procedures many dbas will be forced to migrate to sql server 2008 this book teaches you how to develop the skills required to successfully administer a sql server 2008 database no prior experience is required the material covers system installation and configuration architecting implementing and monitoring security controls configuring and managing network communications automating administration tasks disaster prevention and recovery performance monitoring optimizing and ensuring high availability as well as major sql server 2008 components including integration services reporting services analysis services and service broker

sql server 2008 is the latest update to microsoft s flagship database management system this is the largest update since sql server 2005 and it brings increased ability to deliver data across more platforms and thus many different types of devices new functionality also allows for easy storage and retrieval of digitized images and video these attributes address the recent explosion in the popularity of web based video and server and desktop

virtualization the real mcts sql server 2008 exam 70 433 prep kit prepares readers for the microsoft certified technology specialist exam sql server 2008 database development this is a new exam in the sql server product family and is comprised of some objectives from exam 70 431 from sql server 2005 and covers new expanded query capabilities in sql server 2008 according to microsoft exam 70 431 for sql server 2005 was passed by over 35 000 people 150 000 people passed a similar exam for sql server 2000 additionally this exam is a pre requisite for those going on to obtain the mcitp database developer 2008 successful candidates for the sql server 2005 mcitp 2 500 this is the real microsoft exam prep kit and provides the reader with independent and unbiased exam tips and warnings everything they need to know to ensure certification success authored by mark horninger a nationally recognized leader in sql server with over 50 microsoft certifications to his credit mark knows what it takes to successfully navigate microsoft exams

includes a migration roadmap to simplify the complex task of upgrading content is based on final software rather than beta

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realistic coverage of all aspects of sql server including installation and upgrades management and administration data protection and security including new transparent data encryption and advanced auditing creating and managing tables views stored procedures triggers and user defined functions performance monitoring troubleshooting and optimization including new performance system analysis tools transactions transaction management and distributed transactions high availability clustering and replication the newest versions of sql server management studio and other tools and utilities and improvements to reporting including visualization and improved microsoft office integration

this comprehensive introduction to sql server begins with an overview of database design basics and the sql query language along with an in depth look at sql server itself progresses on to a clear explanation of how to implement fundamental concepts with the new 2008 version of sql server discusses creating and changing tables managing keys writing scripts working with stored procedures programming with xml using sql server reporting and integration services and more features updated and new material including new examples using microsoft s adventureworks sample database

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