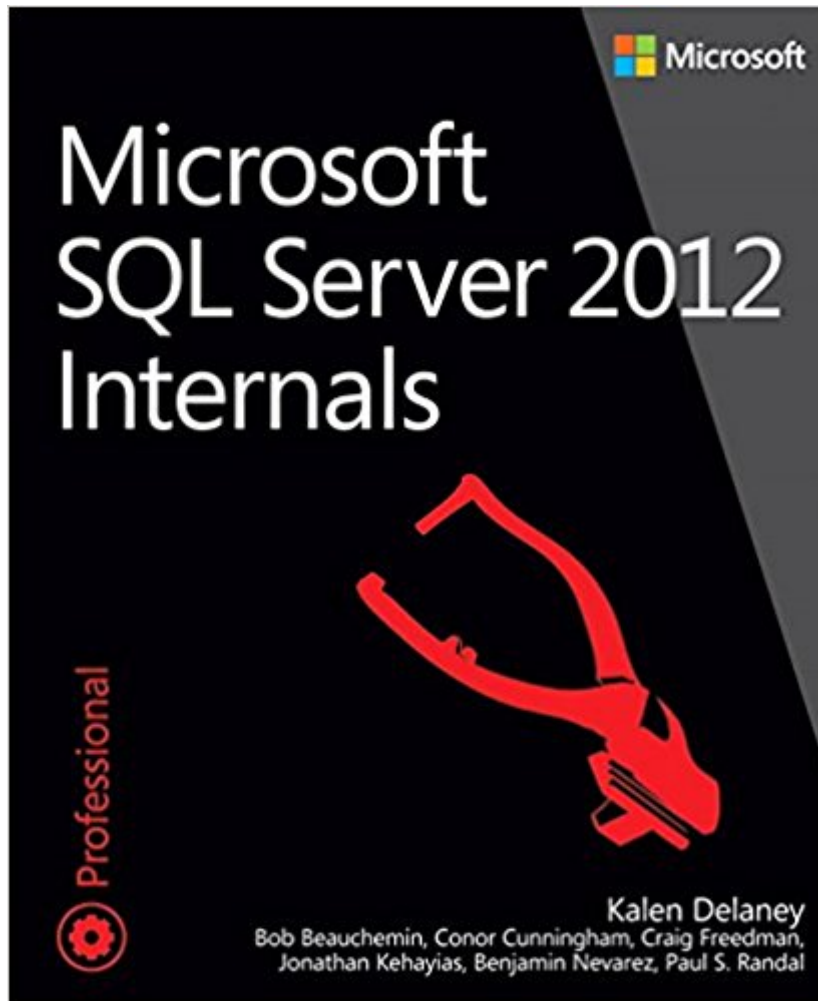The book was found

Microsoft SQL Server 2012 Internals (Developer Reference)

Synopsis

Dive deep inside the architecture of SQL Server 2012 Explore the core engine of Microsoft SQL Server 2012â ”and put that practical knowledge to work. Led by a team of SQL Server experts, youâ ™ll learn the skills you need to exploit key architectural features. Go behind the scenes to understand internal operations for creating, expanding, shrinking, and moving databasesâ ”whether youâ ™re a database developer, architect, or administrator. Discover how to: Dig into SQL Server 2012 architecture and configuration Use the right recovery model and control transaction logging Reduce query execution time through proper index design Track events, from triggers to the Extended Event Engine Examine internal structures with database console commands Transcend row-size limitations with special storage capabilities Choose the right transaction isolation level and concurrency model Take control over query plan caching and reuse

Book Information

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Customer Reviews

Hi,I have written a detailed chapter-by-chapter review of this book on www DOT i-programmer DOT info, the first and last parts of this review are given here. For my review of all chapters, search i-programmer DOT info for STIRK together with the book's title.The introduction says "This book is intended to be read by anyone who wants a deeper understanding of what SQL Server does behind the scenes", so how does it fare?This book has a revered pedigree, with previous editions containing some of the most detailed explanation of SQL Server internals available. Additionally, the

list of authors reads like a Who's Who of the SQL Server world.Owing to the increasing size and complexity of the SQL Server software, this book is selective in its content, concentrating on the query processor and storage engine. It specifically excludes client programming, business intelligence, security, and other non-core engine areas.Below is a chapter-by-chapter exploration of the topics covered.Chapter 1 SQL Server 2012 architecture and configurationThis first chapter provides an overview of the database engine, its key components, what they are and how they interact. In essence it aims to put the subsequent chapters into context.SQL Server editions and installation are briefly discussed. SQL Server metadata is examined in terms of compatibly views, catalog views, Dynamic Management Objects (DMOs), and other metadata (e.g. system functions and stored procedures). This metadata can be very useful in diagnosing problems e.g. identifying what SQL statements are blocking.The major components of the engine are identified (i.e.

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