



Joe Celko's SQL for Smarties, Fourth Edition: Advanced SQL Programming (The Morgan Kaufmann Series in Data Management Systems)

By Joe Celko

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Joe Celko's SQL for Smarties: Advanced SQL Programming offers tips and techniques in advanced programming. This book is the fourth edition and it consists of 39 chapters, starting with a comparison between databases and file systems. It covers transactions and currency control, schema level objects, locating data and schema numbers, base tables, and auxiliary tables. Furthermore, procedural, semi-procedural, and declarative programming are explored in this book.

The book also presents the different normal forms in database normalization, including the first, second, third, fourth, fifth, elementary key, domain-key, and Boyce-Codd normal forms. It also offers practical hints for normalization and denormalization. The book discusses different data types, such as the numeric, temporal and character data types; the different predicates; and the simple and advanced SELECT statements. In addition, the book presents virtual tables, and it discusses data partitions in queries; grouping operations; simple aggregate functions; and descriptive statistics, matrices and graphs in SQL. The book concludes with a discussion about optimizing SQL. It will be of great value to SQL programmers.

- Expert advice from a noted SQL authority and award-winning columnist who has given ten years service to the ANSI SQL standards committee
- Teaches scores of advanced techniques that can be used with any product, in any SQL environment, whether it is an SQL 92 or SQL 2008 environment
- Offers tips for working around deficiencies and gives insight into real-world challenges

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Editorial Review

Review

"If you work with SQL in any way, shape, or form, the most recent edition of Joe Celko's SQL for Smarties needs to be on your bookshelf!"--Data Technology Today Blog

From the Back Cover

SQL for Smarties was hailed as the first book devoted explicitly to the advanced techniques needed to transform an experienced SQL programmer into an expert. Now, 15 years later and in its fourth edition, this classic reference still reigns supreme as the only book written by a SQL master that teaches programmers and practitioners to become SQL masters themselves! These are not just tips and techniques; also offered are the best solutions to old and new challenges. Joe Celko conveys the way you need to think in order to get the most out of SQL programming efforts for both correctness and performance. New to the fourth edition, Joe features new examples to reflect the ANSI/ISO Standards so anyone can use it. He also updates data element names to meet new ISO?11179 rules with the same experience-based teaching style that made the previous editions the classics they are today.

About the Author

Joe Celko served 10 years on ANSI/ISO SQL Standards Committee and contributed to the SQL-89 and SQL-92 Standards.

Mr. Celko is author a series of books on SQL and RDBMS for Elsevier/MKP. He is an independent consultant based in Austin, Texas.

He has written over 1200 columns in the computer trade and academic press, mostly dealing with data and databases.

Users Review

From reader reviews:

Michael Madden:

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