

Real-life DB2 Tuning Experiences with Apptune

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Db2 Apptune User Guide

C. J. Date, Colin J. White



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Modern Mainframe Development Tom Taulli, 2022-03-16 Even as spending on digital transformation continues to skyrocket mainframes nevertheless have major advantages for global enterprises These systems still process huge amounts of information and allow for highly secure processing In this practical book author Tom Taulli shows software developers how to pursue a hybrid approach by integrating traditional mainframes and applications with modern digital systems By the end of the book you ll have a solid understanding of the mainframe architecture and ecosystem including core concepts and technologies such as COBOL JCL DB2 VSAM and CICS You ll learn how to blend in newer technologies such as the cloud AI and machine learning and the use of microservices This handbook is indispensable for enterprises looking to thrive in the new digital world Learn strategies and approaches for mainframe DevOps Update and maintain existing mainframe code and analyze and resolve common errors Apply modern approaches to the mainframe including microservices APIs cloud and AI and machine learning Work with datasets and databases and put together effective reports Understand how to work with modern cloud systems like AWS for pursuing data migration **Computer Systems Series** ,1997 Data Sources ,2000

DB2 Developer's Guide Craig Mullins, 2012 DB2 Developer s Guide is the field s 1 go to source for on the job information on programming and administering DB2 on IBM z OS mainframes Now three time IBM Information Champion Craig S Mullins has thoroughly updated this classic for DB2 v9 and v10 Mullins fully covers new DB2 innovations including temporal database support hashing universal tablespaces pureXML performance security and governance improvements new data types and much more Using current versions of DB2 for z OS readers will learn how to Build better databases and applications for CICS IMS batch CAF and RRSAF Write proficient code optimized DB2 SQL Implement efficient dynamic and static SQL applications Use binding and rebinding to optimize applications Efficiently create administer and manage DB2 databases and applications Design build and populate efficient DB2 database structures for online batch and data warehousing Improve the performance of DB2 subsystems databases utilities programs and SQL stat DB2 Developer s Guide Sixth Edition builds on the unique approach that has made previous editions so valuable It combines Condensed easy to read coverage of all essential topics information otherwise scattered through dozens of documents Detailed discussions of crucial details within each topic Expert field tested implementation advice Sensible examples **DB2 SQL Tuning Tips for z/OS Developers** Tony Andrews, 2012-10-15 The Definitive Solutions Oriented Guide to IBM DB2 for z OS Now Fully Updated for Both v9 and v10 The largest database tuning performance gains can often be obtained from tuning application code and applications that use SQL to retrieve data are the best candidates for tuning This well organized easy to understand reference brings together more than 100 SQL related skills and techniques that any developer can use to build and optimize DB2 applications for consistently superior performance DB2 tuning expert Tony Andrews Tony the Tuner draws on more than 20 years of DB2 related experience empowering you to take performance into your own hands whether you re writing new

software or tuning existing systems Tony shows you exactly how to clear bottlenecks resolve problems and improve both speed and reliability This book fully reflects the latest SQL programming best practices for DB2 V9 and DB2 V10 on z OS techniques that are taught in no other book and are rarely covered in general DB2 SQL courses Drawing on his extensive consulting experience and highly praised training with Themis Inc Tony also presents practical checklists and an invaluable 15 step methodology for optimizing virtually any DB2 application Coverage includes Empowering developers on knowing what to do and where to look in resolving performance problems in queries or programs Providing many programming and SQL coding examples Establishing standards and guidelines that lead to high performance SQL Implementing time efficient code walkthroughs to ensure that your standards are followed Focusing on the small number of SQL statements that consume the most resources Identifying simple solutions that deliver the most sizable benefits Optimizing performance by rewriting query predicates more efficiently Providing a better understanding of SQL optimization and Runstat statistics Recognizing opportunities to tweak your code more effectively than the Optimizer Optimizing SQL code with COBOL applications Efficiently checking for the existence of data rows or tables Using Runstats newest capabilities to consistently optimize paths to data

Db2 Sql 75+ Tuning Tips for Developers Tony Andrews,2012-01-01 DB2 SQL developers now have a handy reference guide with tuning tips to improve performance in queries programs and applications Poorly coded programs or improperly coded SQL statements are often the culprit causing poor performance Many developers working with an IBM DB2 relational database will benefit from this guide entitled DB2 SQL 75 Tuning Tips For Developers The book s focus is to increase developers knowledge in the ways of performance and tuning in an IBM DB2 relational database environment In an organized and easy to understand format the guide provides development and SQL tips that will help developers improve performance problems By modifying application and SQL code understanding Runstat options or adding and altering indexes there are many things that developers can do to resolve performance issues This book provides development tips and suggestions along with many SQL coding examples all with the purpose of gaining better performance

A Guide to DB2 C. J. Date,1984 User s guide to the IBM relational data base management system DB2 designed for the MVS operating system Multiple Virtual Systems and its companion products QMF and DXT gives an overview incl The Structural Query Language covers system structure data definition data manipulation and information retrieval operations data processing the system catalog and view mechanism data protection application programming storage structure interactive interface the query management facility etc Bibliography flow charts

A Guide to DB2 C. J. Date,Colin J. White,1993 Updates the comprehensive user s guide to IBM s popular relational database software for mainframe computers to describe the latest version 2 3 Explains all the key components of the DB2 environment including the IBM solution frameworks AD cycle and the information warehouse in which DB2 plays a pivotal role Annotation copyrighted by Book News Inc Portland OR

A Guide to DB2 C. J. Date,Colin J. White,1988 DB2 Version 8 Paul Zikopoulos,2003 DB2 Version 8

represents a significant release in DB2Us history This book is organized into topics such as Performance Enhancements Manageability Enhancements etc Each section presents the new features in Version 8 and gives details about the new features gotchas tips and tricks

A Complete Guide to DB2 Universal Database Don Chamberlin,1998-06 This is a guide designed to familiarize users with the DB2 standard while helping to optimize their use of the technology

A Guide to DB2 C. J. Date,1984

DB2 SQL PL Zamil Janmohamed,Clara Liu,Drew Bradstock,Raul F. Chong,Michael X. Gao,Fraser McArthur,Paul Yip,2005 Straight from IBM the ultimate DB2 PL SQL resource and the FIRST and ONLY to cover DB2 UDB 8 2

DB2 Developer's Guide Craig Mullins,2000 DB2 Developer s Guide Fourth Edition is completely revised and updated covering all the new features for Version 6 for OS 390 It includes a special chapter on how changes to the product impact its use This book clarifies complex DB2 topics provides performance and procedural advice for implementing well designed DB2 applications and describes what DB2 does behind the scenes An entire chapter on Internet related features is included

NIH DB2 User's Guide ,1988

DB2 9 for Linux, UNIX, and Windows George Baklarz,Paul C. Zikopoulos,2007-11-19

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