
Db2 For The Cobol Programmer

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 VSAM for the COBOL Programmer
 COBOL Programmers Swing with Java
 A Guide to Db2 Performance for Application Developers
 Cobol Basic Training Using Vsam, Ims and DB2
 PL/I Programmer's Guide to Embedded SQL for DB2
 COBOL Basic Training Using VSAM, IMS, DB2 and CICS
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 z/OS Traditional Application Maintenance and Support
 Guide to DB2 & SQL/DS
 Embedded SQL for DB2
 Structured Programming with COBOL Examples
 Murach's CICS for the COBOL Programmer
 CICS--a How-to for COBOL Programmers
 Database Design and Programming for DB2/400
 DB2 Developer's Guide
 CICS Basic Training for Application Developers Using DB2 and VSAM
 C for COBOL Programmers
 Beginning COBOL for Programmers
 The COBOL Programmer's Design Book
 VS COBOL II for COBOL Programmers
 IMS for the COBOL Programmer: Data base processing with IMS
 Sams Teach Yourself COBOL in 24 Hours
 CICS for the COBOL Programmer
 DB2 SQL Tuning Tips for z/OS Developers
 DB2 Developer's Guide
 VSE COBOL II Power Programmer's Desk Reference
 DB2 for Application Programmers
 DB2 for the COBOL Programmer: An advanced course
 Designing and Programming CICS Applications

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FARMER GRETCHEN

DB2 for the COBOL Programmer Murach: Training & Reference

"The purpose of this book is to give advice and direction to Db2 application developers and programmers on writing efficient, well-performing programs ... The material is written for all Db2 professionals, whether you are coding on z/OS (the mainframe) or on Linux, Unix or Windows. When there are pertinent differences between the platforms it is explained in the text. The focus of the book is on programming, coding and developing applications"--

VSAM for the COBOL Programmer Pearson Education India
 Based on Enterprise COBOL 6.2 Covers vast range of topics Has 200 full examples Covers QSAM and VSAM files, DB2 and CICS Includes modern topics DLL, Language Environment Includes RECURSIVE Program Handling of JSON and XML data Communication with Java Inter language Programming with C z/OS JSON Parser XML Toolkit for z/OS JZOS Batch Launcher and Toolkit

COBOL Programmers Swing with Java Addison-Wesley Professional

Here's a comprehensive and useful book on CICS for COBOL programmers at all levels. Kirk focuses on techniques, structures, and style. If you're new to CICS, use this book as a CICS tutorial and then, as you gain mastery of CICS, as a handy desk reference. CICS pros can use it for review and reference, and for guidance in migrating to COBOL II.

A Guide to Db2 Performance for Application Developers Mike Murach & Associates

This book will teach you the basic information and skills you need to develop applications with the COBOL programming language on IBM mainframe computers running z/OS. The instruction, examples and sample programs in this book are a fast track to becoming productive with COBOL as quickly as possible. The coverage includes COBOL with VSAM, IMS, DB2 and CICS. The content of this book is easy to read and digest, well organized and focused on honing real job skills. Acquiring these skills is a key step in mastering COBOL application development so you'll be ready to perform effectively on an application development team.

Cobol Basic Training Using Vsam, Ims and DB2 Wellesley, Mass. : QED Information Sciences

Once you know the basics of writing DB2 programs, there's still plenty to learn. So Part 2 of DB2 for the COBOL Programmer takes up where Part 1 leaves off, teaching you the advanced features you're going to want to know about as you continue working in DB2. Section 1 covers advanced DB2 features that you'll use from time to time in one program or another: -- how to handle data manipulation applications, especially those that involve time and date data -- how to use advanced error handling techniques -- how to handle dynamic SQL statements -- how to use the distributed data management capabilities of DB2 -- what you should know about concurrency and locking considerations to maintain the integrity of the data your programs are operating on (although DBAs control this, some of the options you specify in your programs can affect concurrency and locking efficiency) Section 2 shows you how to process DB2 tables in CICS programs. This section does not teach CICS itself (if you need CICS training, see our CICS books on pages 10 and 11). If you already know CICS, however, this section will teach you all you need to know to handle DB2 data in your CICS programs. Section 3 introduces you to the concepts and practices of DB2 data base administration, to enable you to define and create your own test tables. That's a skill that comes in handy both when you're testing programs and when you want to experiment interactively with SQL statements before you code the statements in a program. In short, knowing about these features will make you a more productive and professional programmer...even if you're not aspiring to be a DBA. Section 4 covers IBM's Query Management Facility(QMF), an interactive software product that lets users access data stored in DB2 tables. QMF is targeted to a wide range of users, from those with no data processing experience to experts. This section focuses on the basic QMF concepts and skills you can use as you develop your application programs. So don't wait to expand your DB2 skills. Get a copy of this book Today. I think you'll be delighted at how quickly you'll master the advanced features of DB2.

PL/I Programmer's Guide to Embedded SQL for DB2 Prentice Hall
The second part of IMS for the COBOL Programmer is for MVS programmers only. It teaches you how to handle online programs that access IMS databases and run under the data communications (DC) component of IMS. This book also covers Message Format Service (MFS). MFS acts as an interface between the format of messages at a terminal and the I/O formats in your programs. So you'll learn how to use MFS to create formatted screens that are easy for operators to use. And you'll learn what tasks you can handle through MFS instead of having to code for them in your DC programs.

COBOL Basic Training Using VSAM, IMS, DB2 and CICS QED Information Sciences

As the conversion of legacy systems continues, the ability to understand embedded business rules becomes more and more critical. This ability is directly related to the structure of the programs within those systems. We also see the need to teach structured programming to a new generation of programmers who must maintain the billions of lines of existing COBOL code. The ultimate purpose of this text is to discuss how to judge the level of structure of a program. We do this by defining structured programming and then discussing how a structured program can be built through the application of the concepts of coupling and cohesion. We also show how embedded business rules of the program can be separated from the data and presentation functions. The reader will be able to use to these skills to judge and to improve the structure of a new program or an existing program.

SQL/400 Developer's Guide IBM Press

IMS database processing hasn't changed much since this book was published in 1986. So if you have to maintain an old program that uses DL/I, you won't find a better book than this one. In it, you'll learn: the DL/I database structure; COBOL for using DL/I; how to work with secondary indexing, logical databases, and databases with logical relationships; how to use recovery and restart features; and the basic considerations for coding DL/I programs with CICS or IMS DC.

DB2 Developer's Guide Cambridge University Press

This book teaches you all you need to know to handle VSAM files in your COBOL programs. To make learning easier, this book contains dozens of examples of COBOL programs, JCL listings, and AMS job listings. So you'll see how the various language elements interrelate. And you'll have plenty of practical models to use when you're working with VSAM on your own.

DB2 29th Street Press

This book will teach you the basic information and skills you need to develop applications with CICS on IBM mainframe computers running z/OS. The instruction, examples and sample programs in this book are a fast track to becoming productive as quickly as possible using CICS with the COBOL programming language. The content is easy to read and digest, well organized and focused on honing real job skills. Acquiring these skills is a key step in mastering CICS application development and maintenance so you'll be ready to join a CICS programming team.

IBM Mainframe Developer Training and Reference Guide Mike Murach & Associates

Sams Teach Yourself COBOL in 24 Hours teaches the basics of COBOL programming in 24 step-by-step lessons. Each lesson builds on the previous one providing a solid foundation in COBOL programming concepts and techniques. This hands-on guide is the easiest, fastest way to begin creating standard COBOL compliant code. Business professionals and programmers from other languages will find this hands-on, task-oriented tutorial extremely useful for learning the essential features and concepts of COBOL programming. Writing a program can be a complex task. Concentrating on one development tool guides you to good results every time. There will be no programs that will not compile!

Murach's Mainframe COBOL McGraw-Hill Companies

Written with the needs of CICS and COBOL programmers in mind, this book provides all the information necessary for efficient data access in DB2 databases. Also includes all the SQL statements and their functions and use.

COBOL and Visual Basic on .NET "O'Reilly Media, Inc."

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

COBOL Robert Wingate

Here is the ideal book for the tens of thousands of COBOL programmers in business who want to become quickly proficient in C. Written by an experienced business data systems engineer, it is a true survival guide which uses the reader's knowledge of COBOL to build a framework for learning C easily and quickly.

IMS for the COBOL Programmer: Data communications and message format service Robert Wingate

Written for technical users of DB2, this reference book provides hard-to-find information about this database. Packed with tips and experience-based techniques, this book also delivers information on coding efficient SQL, monitoring, and tuning DB2 performance.

The Programmer's Guide to DB2 DB2 for the COBOL Programmer

In the fast moving world of information technology, Java is now the number 1 programming language. Programmers and developers everywhere need to know Java to keep pace with traditional and web-based application development. COBOL Programmers Swing with Java provides COBOL programmers a clear, easy transition to Java programming by drawing on the numerous similarities between COBOL and Java. The authors introduce the COBOL programmer to the history of Java and object-oriented programming and then dive into the details of the Java syntax, always contrasting them with their parallels in COBOL. A running case study gives the reader an overall view of application development with Java, with increased functionality as new material is presented. This new edition features the development of graphical user interfaces (GUI's) using the latest in Java Swing components. The clear writing style and excellent examples make the book suitable for anyone wanting to learn Java and OO programming, whether they have a background in COBOL or not.

PL/I Programmer's Guide to Embedded SQL for DB2 IBM Press

Beginning COBOL for Programmers is a comprehensive, sophisticated tutorial and modular skills reference on the COBOL programming language for established programmers. This book is for you if you are a developer who would like to—or must—add COBOL to your repertoire. Perhaps you recognize the opportunities presented by the current COBOL skills crisis, or are working in a mission critical enterprise which retains legacy COBOL applications. Whatever your situation, Beginning COBOL for Programmers meets your needs as an established programmer moving to COBOL. Beginning COBOL for Programmers includes comprehensive coverage of ANS 85 COBOL features and techniques, including control structures, condition names, sequential and direct access files, data redefinition, string handling, decimal arithmetic, subprograms,

and the report writer. The final chapter includes a substantial introduction to object-oriented COBOL. Benefiting from over one hundred example programs, you'll receive an extensive introduction to the core and advanced features of the COBOL language and will learn to apply these through comprehensive and varied exercises. If you've inherited some legacy COBOL, you'll be able to grasp the COBOL idioms, understand the constructs, and recognize what's happening in the code you're working with. Today's enterprise application developers will find that COBOL skills open new—or old—doors, and this extensive COBOL reference is the book to help you acquire and develop your COBOL skills.

Java for the COBOL Programmer Mike Murach & Associates Incorporated

IBM and the rest of the computer industry are putting most of their DBMS development efforts into SQL. This reference provides the SQL/400 skills that a successful applications developer needs and shows how to create comprehensive, complex, and professional SQL/400 databases.

z/OS Traditional Application Maintenance and Support Bookbaby

In this IBM® Redbooks® publication, we attempt to provide fresh insight into a problem domain that, in the authors' opinions, has been pushed to the back burner of technology writing for far too long—the domain of z/OS® (traditional) mainframe maintenance and production support. Since the mid-1980's, outside of a few websites and publications, this still-critical area of software has barely even received lip service by the world of mainstream technology media. In a small way, we are attempting address this situation. In this book, we provide information in "what and how to" sections on the value of z/OS maintenance and support—not the value of the software, which is hardly in question, but the value of the software developers, and how they collaborate, analyze, code, and test the applications, fixes, and enhancements under their responsibility. We present new 21st Century tools to help them achieve their goals more easily and effectively. These tools integrate and provide a 1 + 1 + 1 = 5 value-proposition, for companies that are still doing work the way they did when in the mid-1970's, when Gerald Ford was president of the United States. We are also describing, to a lesser extent, how you can effectively integrate the new tools with your existing development software stack, in order to find points of complimentary functionality. And we describe the new agile development and maintenance methodologies, and best practices for tools use and adoption. We hope that you find this work useful, and perhaps that it can fuel more discussion, future Redbooks publications, and other publications by IBM, or any vendor or group interested in this critical and vastly under-acknowledged technology domain.

Guide to DB2 & SQL/DS QED Information Sciences

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 RRSAP * 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