Murach Mainframe Cobol

CICS is an application server that delivers industrial-strength, online transaction management for critical enterprise applications. Proven in the market for over 30 years with many of the world's leading businesses, CICS enables today's customers to modernize and extend their applications to take advantage of the opportunities provided by e-business while maximizing the benefits of their existing investments.Designing and Programming CICS Applications will benefit a diverse audience. It introduces new users of IBM's mainframe (OS/390) to CICS features. It shows experienced users how to integrate existing mainframe systems with newer technologies, including the Web, CORBA, Java, CICS clients, and Visual Basic; as well as how to link MQSeries and CICS.Each part of Designing and Programming CICS Applications addresses the design requirements for specific components and gives a step-by-step approach to developing a simple application. The book reviews the basic concepts of a business application and the way CICS meets these requirements. It then covers a wide range of application development technologies, including VisualAge for Java, WebSphere Studio, and Visual Basic. Users learn not only how to design and write their programs but also how to deploy their applications.Designing and Programming CICS Applications shows how to: Develop and modify existing COBOL applications Become familiar with the CICS Java environment and write a simple Java wrapper for a COBOL application Develop a web front end using servlets, JSP and JavaBeans. Link the web front end to an existing COBOL application using CORBA Write a Visual Basic application to develop a customer GUI Link an existing COBOL application using a CICS Client ECI call Develop a Java application using Swing as an MQSeries Client Use the MQSeries-CICS bridge to access an existing COBOL application Whether for working with thousands of terminals or for a client/server environment with workstations and LANs exploiting modern technology such as graphical interfaces or multimedia, Designing and Programming CICS Applications delivers the power to create, modernize and extend CICS applications.

ASP.NET Programming with C# and SQL Server, International Edition covers the basics of ASP.NET, C#, and SQL Server along with advanced topics including object-oriented programming and how to build Web sites that incorporate authentication and security. After completing this text, you will be able to use ASP.NET to build professional quality, database-driven Web sites. Updated for the latest database management systems -- including MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, Learning SQL, Second Edition, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use

conditional logic in data statements Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly learn how to put the power and flexibility of this language to work.

Leverage Your Security Expertise in IBM® System z™ Mainframe Environments For over 40 years, the IBM mainframe has been the backbone of the world's largest enterprises. If you're coming to the IBM System z mainframe platform from UNIX ® , Linux ® , or Windows ® , you need practical guidance on leveraging its unique security capabilities. Now, IBM experts have written the first authoritative book on mainframe security specifically designed to build on your experience in other environments. Even if you've never logged onto a mainframe before, this book will teach you how to run today's z/OS ® operating system command line and ISPF toolset and use them to efficiently perform every significant security administration task. Don't have a mainframe available for practice? The book contains step-by-step videos walking you through dozens of key techniques. Simply log in and register your book at www.ibmpressbooks.com/register to gain access to these videos. The authors illuminate the mainframe's security model and call special attention to z/OS security techniques that differ from UNIX, Linux, and Windows. They thoroughly introduce IBM's powerful Resource Access Control Facility (RACF) security subsystem and demonstrate how mainframe security integrates into your enterprise-wide IT security infrastructure. If you're an experienced system administrator or security professional, there's no faster way to extend your expertise into "big iron" environments. Coverage includes Mainframe basics: logging on, allocating and editing data sets, running JCL jobs, using UNIX System Services, and accessing documentation Creating, modifying, and deleting users and groups Protecting data sets, UNIX file system files, databases, transactions, and other resources Manipulating profiles and managing permissions Configuring the mainframe to log security events, filter them appropriately, and create usable reports Using auditing tools to capture static configuration data and dynamic events, identify weaknesses, and remedy them Creating limited-authority administrators: how, when, and why

COBOL for the 21st Century

ASP. NET Programming with C# and SQL Server

A Sustainable Evolution Strategy

What On Earth is a Mainframe?

Moving Beyond the Basics

Practice Problems for C++ Beginners

This book focuses on software architecture and the value of architecture in the development of long-lived, mission-critical, trustworthy software-systems. The author introduces and demonstrates the powerful strategy of "Managed Evolution," along with the engineering best practice known as "Principle-based Architecting." The book examines in detail architecture principles for e.g., Business Value, Changeability, Resilience, and Dependability. The author argues that the software development community has a strong responsibility to produce and operate useful, dependable, and trustworthy software. Software should at the same time provide business value and guarantee many quality-of-service properties,

including security, safety, performance, and integrity. As Dr. Furrer states, "Producing dependable software is a balancing act between investing in the implementation of business functionality and investing in the quality-of-service properties of the software-systems." The book presents extensive coverage of such concepts as: Principle-Based Architecting Managed Evolution Strategy The Future Principles for Business Value Legacy Software Modernization/Migration Architecture Principles for Changeability Architecture Principles for Resilience Architecture Principles for Dependability The text is supplemented with numerous figures, tables, examples and illustrative quotations. Future-Proof Software-Systems provides a set of good engineering practices, devised for integration into most software development processes dedicated to the creation of software-systems that incorporate Managed Evolution.

This machine-independent introduction covers the basic COBOL elements and special features, as well as provides an introduction to using the Fujitsu compiler. Includes a free CD-ROM with Fujitsu COBOL Compiler Version 4.0.

The #1 choice of professional COBOL programmers because it shows how to design, code, test, and maintain structured COBOL programs on the IBM mainframes (or enterprise systems), this book also presents the IBM products that every mainframe programmer needs to know including TSO, ISPF, OS/390 JCL, VSAM Access Method Services, CICS, and DB2.

人月神话（纪念典藏版）

Visual COBOL

Software Development Metrics

MVS TSO

Master SQL Fundamentals

Getting Started with RACF

Future-Proof Software-Systems

This book gets you off to a fast start by showing you how to use Visual Studio 2015, C# 6.0, and the .NET 4.6 classes to develop Windows Forms applications. Next, it shows you the best techniques for developing object-oriented applications. Then, it shows you how to handle data a must in business development using data sources, ADO.NET code, and the Entity Framework for database data and LINQ for data structures like arrays and collections. Along the way, it gives you the core C# and Visual Studio skills that you need to develop any C# application whether for Windows, the web, or mobile devices. In short, No other core C# book teaches you so much, so fast, or so thoroughly.

PHP and MySQL are two of today's most popular, open-source tools for server-side programming. That means there's a continuing demand for web developers who know how to use PHP and MySQL at the professional level. And with this book, you can become one of them! In fact, in just the first 6 chapters, you will create a database-driven website that implements the MVC pattern, the way the best professionals do. Then, the rest of the book lets you build on that base to develop a full set of professional skills.

Accompanying book: The Wiley COBOL syntax reference guide. ID=6599834.

Provides information on using servlets and JavaServer Pages to create Web applications that use the MVC pattern.

Micro Focus Personal COBOL for Windows 3.1 V.1.1 with Object Orientation & Personal Dialog System (graphical User Interface Tool)

Mainframe Assembler Programming

Encyclopedia of Computer Science and Technology

Teach Yourself COBOL in 21 Days

Learning SQL

Training & Reference

This new edition of Murach's classic "CICS Programmer's Desk Reference" is updated throughout to present both the latest versions of CICS and the latest CICS programming practices. An easy-to-use CICS command reference makes up the bulk of the book, but there is also new or expanded material on CICS program design.

An introduction to the instruction set architecture and assembly language for the IBM mainframe including addressing models, basic instruction formats, operand addressing, the Program Status Word, subroutine linkage, looping, input output, character & bit manipulation, along with the decimal (BCD) instruction set. Includes several comprehensive programming examples. Designed to be used in conjunction with the Window's based open source, z390 mainframe emulator. Assumes no prior knowledge of assembly language programming. About the author: the author is a professor of computer science at the University of Northern Iowa in Cedar Falls, Iowa where he has taught IBM assembly language for over twenty years.

This book gets you off to a fast start by showing develop real world Visual Basic 2015 applications.

With the overarching goal of preparing the analysts of tomorrow, Systems Analysis and Design offers students a rigorous hands-on introduction to the field with a project-based approach that mirrors the real-world workflow. Core concepts are presented through running cases and examples, bolstered by in-depth explanations and special features that highlight critical points while emphasizing the process of "doing" alongside "learning." As students apply their own work to real-world cases, they develop the essential skills and knowledge base a professional analyst needs while developing an instinct for approach, tools, and methods. Accessible, engaging, and geared toward active learning, this book conveys both essential knowledge and the experience of developing and analyzing systems; with this strong foundation in SAD concepts and applications, students are equipped with a robust and relevant skill set that maps directly to real-world systems analysis projects.

From Micro to Mainframe : Preparing for the New Millennium

Cobol Programming

Murach's CICS for the COBOL Programmer

Murach's Java Servlets and JSP

Murach's Mainframe COBOL

Murach's PHP and MySQL

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.

As one customer put it, Everything in these books has changed except the assembler language. So if you need to learn mainframe assembler language for either the MVS or VSE operating system, these books are still as useful as any other books we've seen.

This book does something no other COBOL book does, it teaches how to develop COBOL programs using a PC-based compiler as well as on a mainframe. It's realistic slant and the emphasis on the structured programming methods that professionals use make this book the ideal choice for anyone wanting to learn COBOL.

Murach's Mainframe COBOLMike Murach & Associates Incorporated

Standard COBOL.

Murach's Structured COBOL

OS/390 and Z/OS JCL

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

Murach's CICS Desk Reference

Master the skills you need to take advantage of the booming market for mainframe programmers. Programmers acknowledge that understanding the internals of the machine helps them write more efficient code in cobol, C, and other high-level languages. Whether you are working on a Year 2000 team or setting up an e-commerce

*application, this book gets you up and running with the skills you'll need to retrofit systems and move mainframe programs into the 21st century. Designed to build skills rapidly and intuitively, Mainframe Assembler Programming: * Teaches you how to program mainframe Assembler on your PC * Starts you programming usable code from day 1, page 1 * Structures all lessons around real-world business applications * Uses the same five data sets throughout, so you get progressively more sophisticated results as you learn. On the enclosed disk you'll find: * PC/370-lets you program and execute mainframe Assembler on your PC * Source code for all examples from the book A rapid introduction or a refresher for experienced programmers, Mainframe Assembler Programming gives you the know-how you need to program for productivity and quality in the mainframe environment.*

If you are looking for a practical DB2 book that focuses on application programming, this is the book for you. Written from the programmer's point of view, it will quickly teach you what you need to know to access and process DB2 data in your COBOL programs using embedded SQL. This second edition has been thoroughly updated and expanded to make it even more valuable to the programmer who is slugging it out on the job. You will learn: the critical DB2 concepts that let you understand how DB2 works; the basic DB2 coding features you will use in every program you write; how to use version 4 enhancements like outer joins and explicit syntax for inner joins; how to work with column functions, scalar functions, and subqueries to manipulate data; how to use error handling techniques and ROLLBACK to protect DB2 data; why program efficiency is vital under DB2... and more.

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!

A popular text, noted for its extensive pedagogy and unparalleled ability to crystallize difficult, technical concepts accurately. In this edition COBOL-85 is given primary emphasis and the latest standard, COBOL 199x is highlighted throughout. Contains increased coverage of object-oriented COBOL, pseudocodes and programming on microcomputers. Features all new practice programs, a novel multimedia slide program and a new, more powerful compiler—MicroFocus Personal COBOL.

Advanced COBOL for Structured and Object-Oriented Programming

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Basic IBM Mainframe Assembly Language Programming

Designing and Programming CICS Applications

MVS Assembler Language

Systems Analysis and Design

Now you can quickly master ISPF with this practical book. Chapter 1introduces you to MVS (both MVS/XA and MVS/ESA) and shows you how TSO/ISPF relates to the operating system. Then, the remaining 7 chapters teach you how to use ISPF for everyday programming tasks.

This is an updated and expanded version of Murach's two best-selling CICS books. Now, in just one book, IBM mainframeprogrammers will learn everything they need to know fordeveloping interactive programs with CICS. In addition, theywill learn new design and implementation methods fordistributed CICS processing. These methods also make it ......

Presents an illustrated A-Z encyclopedia containing approximately 600 entries on computer and technology related topics.

Once you know how to use ISPF, you're ready to learn to use the underlying TSO commands directly, for more control. So MVS TSO, Part 2 starts by teaching you how to use TSO commands for everyday programming tasks. And once you're skilled at using TSO commands, you're going to want to combine those commands into time-saving procedures for the job you do most often. So this book then goes on to teach you how to create procedures using either TSO's procedure facilities -- CLIST or REXX.

COBOL

A Developer's Guide to Modern COBOL

COBOL Reference Manual

Murach's C# 2015

Concepts and ISPF

Sams Teach Yourself COBOL in 24 Hours

Summary Software Development Metrics is a handbook for anyone who needs to track and guide software development and delivery at the team level, such as project managers and team leads. New development practices, including "agile" methodologies like Scrum, have redefined which measurements are most meaningful and under what conditions you can benefit from them. This practical book identifies key characteristics of organizational structure, process models, and development methods so that you can select the appropriate metrics for your team. It describes the uses, mechanics, and common abuses of a number of metrics that are useful for steering and for monitoring process improvement. The insights and techniques in this book are based entirely on field experience. Purchase of the print book includes a free

eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book When driving a car, you are less likely to speed, run out of gas, or suffer engine failure because of the measurements the car reports to you about its condition. Development teams, too, are less likely to fail if they are measuring the parameters that matter to the success of their projects. This book shows you how. Software Development Metrics teaches you how to gather, analyze, and effectively use the metrics that define your organizational structure, process models, and development methods. The insights and examples in this book are based entirely on field experience. You'll learn practical techniques like building tools to track key metrics and developing data-based early warning systems. Along the way, you'll learn which metrics align with different development practices, including traditional and adaptive methods. No formal experience with developing or applying metrics is assumed. What's Inside Identify the most valuable metrics for your team and process Differentiate "improvement" from "change" Learn to interpret and apply the data you gather Common pitfalls and anti-patterns About the Author Dave Nicolette is an organizational transformation consultant, team coach, and trainer. Dave is active in the agile and lean software communities. Table of Contents Making metrics useful Metrics for steering Metrics for improvement Putting the metrics to work Planning predictability Reporting outward and upward 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. The classic guide to programming in COBOL-updated, expanded, and even more user-friendly than before Advanced Cobol, Third Edition For many years, Gary Brown's classic guide to advanced COBOL has been the on-the-job reference of choice for experienced COBOL programmers internationally. Without compromising on any of the outstanding features that made it so successful, this Third Edition has been updated and expanded to reflect all the important new trends and applications in COBOL programming. Packed with dozens of concise examples illustrating language features, and featuring several complete programs, this indispensable working resource arms you with practical coverage of: * All essential COBOL terms, concepts, and statements * COBOL programming solutions to the Y2K problem * Full Screen terminal support, subprograms and functions, and COBOL Report Writer * Items in proposed new ANSI Standard * Object-oriented COBOL * Obsolete statements and how to work around them * COBOL for client/server and distributed computing * Cross-system development * Application programming interfaces Wiley Computer Publishing. Timely. Practical. Reliable. Visit our Web site at www.wiley.com/compbooks/

This book is for C++ beginners looking for practice problems to ease the learning curve of the C++ programming language. The goal of this book is to provide simple practice problems to help C++ beginners quickly learn the C++ syntax and common compilation errors. This book provides 187 practice problems about declaration of variables, control statements, loops, functions, arrays, C/C++ string, pointers, pass-by-reference, pass-by-value, and basic object-oriented programming. This book shall be treated as supplemental materials in addition to a formal introductory C++ book. This book should be helpful to people who just started to learn C++ programming (not intended for intermediate / experienced C++ programmers though).

Murach's Visual Basic 2015

Structured COBOL Programming

Mainframe Basics for Security Professionals

Commands and Procedures

Beginning COBOL for Programmers

The MVS JCL Primer

All COBOL programmers in IBM's MVS mainframe operating environment (estimated at more than a million) use Job Control Language (JCL). This book teaches novices what they need to know to understand this language better. It also serves as a quick reference for the more experienced JCL user.

This tutorial on COBOL includes question and answer sections, short examples and more.

Forget what you think you may know about COBOL. Even though the language is more than 50 years old, COBOL applications still reign in the world of enterprise IT. With billions of transactions executed every day and often running behind the scenes, COBOL systems touch many aspects of our daily lives. Your mission: To start a new era of innovation powered by modern tools that bridge COBOL systems to the world of Java and .NET. Brought to you by Micro Focus (www.microfocus.com), the leader in COBOL development tools, this book is written for the COBOL, Java and .NET developer. Key features include: A simplified real-world example to illustrate key concepts; an explanation of the .NET and Java object models for the COBOL developer; an introduction to COBOL for the Java or .NET developer; a complete reference to the new syntax for Visual COBOL; and a free student development tools license integrated within Visual Studio and Eclipse. The author, Paul Kelly, has worked at Micro Focus for over twenty years. He started as a technical author before moving into software development. Paul worked on Visual COBOL for 10 years between 2002 and 2012, initially on Visual Studio development, then later on Eclipse, before changing roles again to work as an architect developing a cloud-based SaaS offering for Micro Focus.

A thoroughly redesigned and updated version of Murach's best-selling book that makes it easier than ever to learn how to use JCL (Job Control Language) on IBM mainframes. After you learn how to use JCL for the jobs that you run everyday, you will learn the advanced JCL skills that let you get the most from your operating system. Along the way, you'll learn how to use general-purpose utilities, the

IDCAMS utility for VSAM files, and Unix system services. It's all there in the unique Murach style that has been training professional programmers for more than 25 years.

DB2 for the COBOL Programmer

C++程序设计教程

The CICS Programmer's Desk Reference

Ever feel buried by IBM manuals?

Confused about zSeries Mainframes? Need to understand the z/OS operating system - and in a hurry? Then you've just found the book you need.Avoiding technical jargon, this book gives you the basic facts in clear, light-hearted, entertaining English. You'll quickly learn what Mainframes are, what they do, what runs on them, and terms and terminology you need to speak Mainframe-ese.But it's not all technical. There's also invaluable information on the people that work on Mainframes, Mainframe management issues, new Mainframe trends, and other facts that don't seem to be written down anywhere else.Programmers, managers, recruitment consultants, and industry commentators will all find this book their new best friend when trying to understand the Mainframe world.