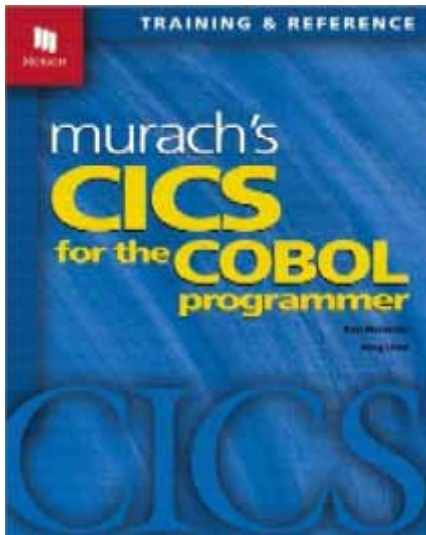




Murach's CICS for the COBOL Programmer

Lowe & Menendez

Join the more than **200,000** programmers who have learned CICS from previous editions of this book. Now, our two-part series has been revised into a single volume that meets today's need for fast-paced training. And that one book will take you from novice to expert.



Before you can write a CICS program, you need to learn several skills: how to use basic mapping support (BMS) to design the user interface; how to use pseudo-conversational programming; how to design a program with event-driven design; how to use CICS commands within a COBOL program; and how to use IBM-supplied transactions like CEMT, CECE, and CEDF to simplify testing and debugging.

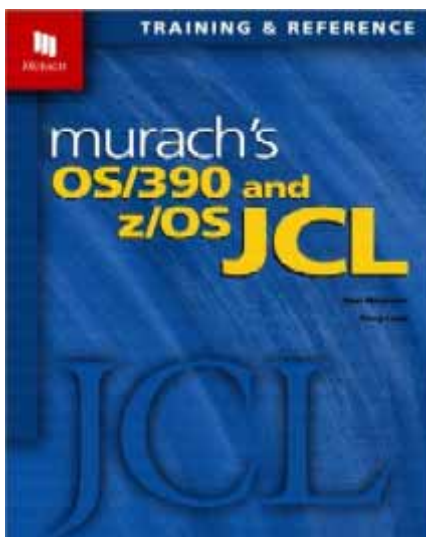
So that's what you'll learn in the first two sections of this book. After that, you'll learn more rapidly as you add new skills to that base of knowledge. And by the time you complete this book, you'll have the skills of a professional CICS programmer.

Along the way, you'll learn two techniques for developing modern CICS programs. First, you'll learn how to design and code programs in which the presentation logic is separated from the business logic. That makes it feasible to create a program with a front-end in a language like Java and leave CICS on the back-end to process transactions. Second, you'll learn how to design and code CICS programs for web applications. And that, of

course, is a compelling reason for separating the presentation logic from the business logic.

Murach's OS/390 and z/OS JCL

Lowe & Menendez



Join the more than **200,000** programmers and operators who have learned JCL from previous editions of this book. This updated edition takes the same practical approach to JCL that zeroes in on everyday jobs so you learn to code significant job streams right away. It's filled with syntax and examples so you have plenty of models for coding your own JCL. And after you've used this book for training, our unique "paired pages" format makes it the best reference JCL manual you can find.

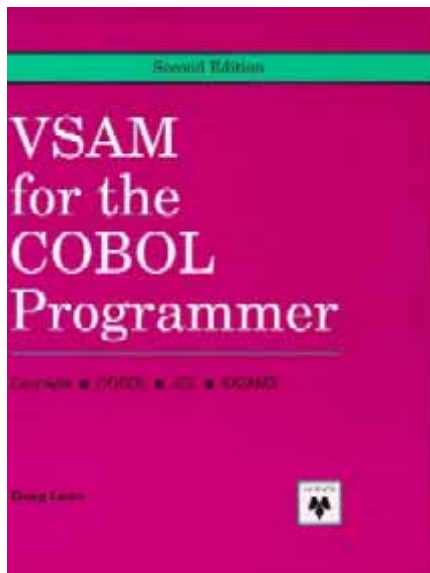
But this is much more than a JCL book. It presents AMS, the VSAM utility that you need for creating and managing VSAM files. It presents the most useful OS/390 utilities. It presents UNIX System Services that let you access and process files designed for UNIX systems. It introduces you to procedure building tools like CLIST and REXX. And throughout the book, you'll not only learn how to use these operating system facilities but also what's going on behind the scenes. So when you're done, you'll have an enriched understanding of what you're doing.



VSAM for the COBOL Programmer

If you're a COBOL programmer who is just starting to work with an IBM mainframe, this book shows you how to work with VSAM files. These are mainframe versions of COBOL's sequential, indexed, and relative files. To work with VSAM files, though, you need to know the IBM codes for error processing. You need to use JCL to run the programs that use the files. And you need to use Access Method Services (AMS) to set up the files.

If that's what you want to know this is a useful book, even though it was published in 1989. I think a better alternative, though, is to add our Structured COBOL and OS/390 JCL hooks to your library. These books include the same information in updated form, and they're better references.

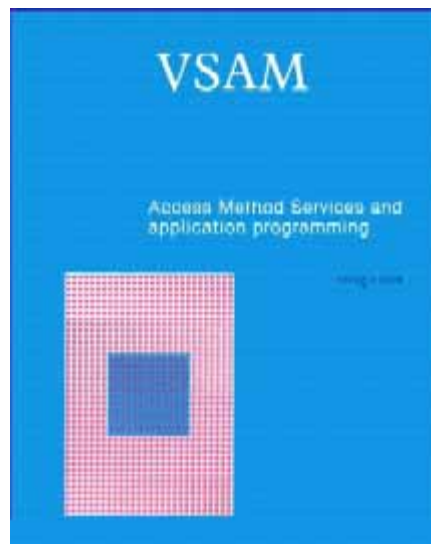


VSAM AMS and Application Programming

AMS and Application Programming

This book is more of a system programmer's book than an application programmer's. Although it was published in 1986, it's still useful if you want to dig into how VSAM files work (that hasn't changed although the references to disk drives surely have). In it, you'll learn:

- how VSAM catalogs and data sets are organized
- how to use Access Method Services to define catalogs, space, clusters, alternate indexes, and paths
- how to set AMS performance options
- recovery and security considerations
- JCL for VSAM files
- how to process VSAM files in COBOL, CICS, and assembler language





MVS TSO Part 1:

Concepts and ISPF

Although this book was published in 1990, ISPF hasn't changed much. So you can still use this book to master it. After chapter 1 introduces you to TSO and ISPF, the next 7 chapters teach you how to:

- edit and browse a data set
- use the ISPF utilities to manage data sets and libraries
- compile, link, and execute programs interactively
- debug COBOL programs interactively
- process batch jobs in a background region
- use SDSF to browse JES2 queues
- use member parts lists to track the use of subprograms and COPY members
- manage hierarchical program libraries with LFM or SCLM

MVS TSO Part 2

Commands, CLIST, & REXX

Although this book was published in 1991, it is still the best book we've seen for learning how to use the TSO commands that underlie ISPF. It is also an efficient introduction to CLIST and REXX. In it, you'll learn how to:

- write and use edit macros that let you tailor the ISPF editor to your working style
- use the ISPF dialog manager to create CLIST or REXX procedures that interact with the terminal user via full-screen panels instead of line by line
- use symbolic variables, built-in functions, and subprocedures with GLIST
- use arrays, stack commands, and parsing commands in REXX

