

Program Product

Customer Information Control System (CICS) Application Programmer's Reference Manual

Program Numbers 5736-XX6 (DOS-ENTRY)
5736-XX7 (DOS-STANDARD)
5734-XX7 (OS-STANDARD V2)

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.

CICS is available in three systems—two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS.

This manual provides information of interest to persons defining, designing, and preparing application programs to execute under CICS.

IBM

Cics A Programmers Reference

**International Business Machines
Corporation**



Cics A Programmers Reference:

CICS, a Programmer's Reference Phyllis Donofrio,1991 This unique reference contains an indexed and topical grouping of CICS issues questions and answers for CICS programmers who need guidance through many difficult areas allowing the book to be referenced by application rather than the structure of CICS itself Programmers will be able to research their own problems quickly and access information on deleted unsupported CICS functions

CICS Application Programmer's Reference Manual (command Level). International Business Machines Corporation,1985

CICS Customer Information Control System (CICS/DOS/VS) Application Programmer's Reference Manual (command Level).

International Business Machines Corporation,1987

Customer Information Control System (CICS ,1983

CICS Application Programmer's Reference Manual (macro Level). International Business Machines Corporation,1987

CICS/VS Version 1 Release 5 Application Programmer's Reference Summary (Command Level). International Business Machines Corporation,1980

Introduction to the New Mainframe: IBM z/VSE Basics Mike Ebbers, Wolfgang Bosch,Hans Joachim Ebert,Helmut Hellner,Jerry Johnston,Marco Kroll,Wilhelm Mild,Wayne O'Brien,Bill Ogden,Ingolf Salm,Joerg Schmidbauer,Martin Walbruehl,IBM Redbooks,2016-03-02 This IBM Redbooks publication is based on the book Introduction to the New Mainframe z OS Basics SG24 6366 which was produced by the International Technical Support Organization ITSO Poughkeepsie Center It provides students of information systems technology with the background knowledge and skills necessary to begin using the basic facilities of a mainframe computer For optimal learning students are assumed to have successfully completed an introductory course in computer system concepts such as computer organization and architecture operating systems data management or data communications They should also have successfully completed courses in one or more programming languages and be PC literate This textbook can also be used as a prerequisite for courses in advanced topics or for internships and special studies It is not intended to be a complete text covering all aspects of mainframe operation It is also not a reference book that discusses every feature and option of the mainframe facilities Others who can benefit from this course include experienced data processing professionals who have worked with non mainframe platforms or who are familiar with some aspects of the mainframe but want to become knowledgeable with other facilities and benefits of the mainframe environment As we go through this course we suggest that the instructor alternate between text lecture discussions and hands on exercises Many of the exercises are cumulative and are designed to show the student how to design and implement the topic presented The instructor led discussions and hands on exercises are an integral part of the course and can include topics not covered in this textbook In this course we use simplified examples and focus mainly on basic system functions Hands on exercises are provided throughout the course to help students explore the mainframe style of computing At the end of this course you will be familiar with the following information Basic concepts of the mainframe including its usage and architecture Fundamentals of IBM z VSE VSE an IBM zTM Systems entry mainframe

operating system OS An understanding of mainframe workloads and the major middleware applications in use on mainframes today The basis for subsequent course work in more advanced specialized areas of z VSE such as system administration or application programming CICS/OS/VS Version 1 Release 6 Application Programmer's Reference Summary (command Level). International Business Machines Corporation,1982 *Catalog of Copyright Entries. Third Series* Library of Congress. Copyright Office,1976 DB2 ,1988 **DB2 Universal Database for OS/390 Version 7.1 Certification Guide** Richard Yevich,Susan Lawson,2001 PLEASE PROVIDE COURSE INFORMATION PLEASE PROVIDE **DB2 Universal Database for OS/390 V7.1 Application Certification Guide** Susan Lawson,2002 IBM s definitive DB2 UDB V7 1 application development reference and exam study guide for the OS 390 and z OS platforms An official IBM self study guide for the DB2 UDB V7 1 Family Application Development Exam 514 Expert DB2 programming tips techniques and guidelines from application development experts Covers data structures SQL stored procedures programming language environments debugging tuning and more CD ROM contains complete DB2 application development sample exam The definitive authoritative guide to DB2 OS 390 application development certification Covers data structures SQL stored procedures programming language environments debugging tuning and much more Includes a full section on object relational programming and other advanced techniques Sample test questions help you prepare for the IBM DB2 UDB V7 1 Family Application Development Exam 514 About the CD The CD ROM included with this book contains a complete DB2 UDB V7 1 Family Application Development Exam 514 sample exam IBM DB2 UDB Version 7 1 for OS 390 and z OS delivers unparalleled performance scalability and reliability in today s enterprise business environments Now there s a complete authoritative guide to developing applications with DB2 UDB V7 1 in both OS 390 and z OS environments and preparing for the IBM DB2 UDB V7 1 Family Application Development Exam 514 This comprehensive day to day guide to DB2 UDB application development is also the only book that delivers the depth of knowledge professionals need to pass IBM s challenging application development exam for the OS 390 and z OSplatforms IBM Gold Consultant Susan Lawson presents hundreds of useful tips practical techniques and expert guidelines for every facet of DB2 UDB application development and every stage of the development process for both OS 390 and z OS platforms Coverage includes Foundations for effective DB2 development including an overview of the DB2 UDB product family and DB2 for OS 390 data structures SQL basic concepts and coding techniques through advanced OLAP features star schemas and star joins Stored procedures including the SQL procedure language and IBM s Stored Procedure Builder Best practices for application testing debugging and performance tuning The full range of DB2 development tools including ODBC CLI Java tm COBOL C C REXX CAF CICS and RRSF Object relational programming including user defined functions user defined data types and triggers In depth coverage of locking and concurrency Whether you re developing for DB2 UDB V7 1 in an OS 390 or z OS environment managing DB2 UDB V7 1 application development preparing for DB2 UDB V7 1 Family Application Development or all three DB2 UDB for OS 390

Version 7 1 Application Certification Guide will be your single most valuable resource IBM DB2 Series VSE COBOL II
Power Programmer's Desk Reference David Shelby Kirk,1991 **CICS Application and System Programming** Barry K.
Nirmal,1992 This book gives you tools BMS maps programs JCL etc you can easily copy to your own data sets compile or
assemble and execute with little or no change And it teaches you how to develop similar tools yourself These utilities solve
practical problems commonly faced by application and system programmers and analysts in MVS and DOS VSE environments
Customer Information Control System (CICS/VS) Version 1 Release 5 International Business Machines Corporation,1986
Customer Information Control System (CICS/VS) Version 1 Release 6 International Business Machines Corporation,1983
Advanced ANSI COBOL with Structured Programming Gary DeWard Brown,1992-02-05 Explains COBOL as it exists
in the new ANSI standard Designed for advanced programmers it eases the transition from general programming training to
the programming done in business applications using COBOL Through hundreds of practical examples it explores the
intricacies of COBOL without spending a lot of time on basic computer concepts With an emphasis on cross system
application and development it describes both IBM s VS COBOL II for the mainframe environment and Microsoft s COBOL for
the personal computer **Programming in REXX** Charles Daney,1992 A basic reference for programming in REXX IBM s
SAA procedure language covering all the language details concise examples and solid practical information on how to use
REXX Includes the most important REXX programming idioms tips and techniques to show readers how to get the most out
of it **MVS/VSAM for the Application Programmer** Gary DeWard Brown,1993 Brown and Smith bring your knowledge
of VSAM up to date This manual covers all of the many recent changes to VSAM The detailed clear explanations provide the
background you need to understand VSAM Lots of examples reinforce the text and provide prototypes to help you understand
quickly how to code needed functions DB2 Handbook for DBAs Aaron Werman,1992 A database administrator s guide to
DB2 implementation in large scale or complex applications By explaining important technical issues underlying DB2
constructs Werman gives programmers insight into the trade offs involved in successful program strategies for complicated
applications

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Cics A Programmers Reference Introduction

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