

z/OS (MVS) JCL

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MVS/extended Architecture JCL Reference ,1989 *Computer User's Guide* ,1987 **Parklawn Computer Center User's Guide** Parklawn Computer Center (U.S.),1991 **ABCs of IBM z/OS System Programming Volume 1** Lydia Parziale,Luiz Fadel,Stanley Jon,IBM Redbooks,2018-01-22 The ABCs of IBM z OS System Programming is a 13 volume collection that provides an introduction to the z OS operating system and the hardware architecture Whether you are a beginner or an experienced system programmer the ABCs collection provides the information that you need to start your research into z OS and related subjects Whether you want to become more familiar with z OS in your current environment or you are evaluating platforms to consolidate your online business applications the ABCs collection will serve as a powerful technical tool Volume 1 provides an updated understanding of the software and IBM zSeries architecture and explains how it is used together with the z OS operating system This includes the main components of z OS needed to customize and install the z OS operating system This edition has been significantly updated and revised [Parklawn Computer Center User's Guide](#) ,1987 **Cornell MVS User's Guide** ,1987 [ABCs of IBM z/OS System Programming Volume 2](#) Lydia Parziale,Guillermo Cosimo,Lutz Kuehner,IBM Redbooks,2018-04-07 The ABCs of IBM z OS System Programming is a 13 volume collection that provides an introduction to the z OS operating system and the hardware architecture Whether you are a beginner or an experienced system programmer the ABCs collection provides the information that you need to start your research into z OS and related subjects If you want to become more familiar with z OS in your current environment or if you are evaluating platforms to consolidate your e business applications the ABCs collection can serve as a powerful technical tool This volume describes the basic system programming activities related to implementing and maintaining the z OS installation and provides details about the modules that are used to manage jobs and data It covers the following topics Overview of the parmlib definitions and the IPL process The parameters and system data sets necessary to IPL and run a z OS operating system are described along with the main daily tasks for maximizing performance of the z OS system Basic concepts related to subsystems and subsystem interface and how to use the subsystem services that are provided by IBM subsystems Job management in the z OS system using the JES2 and JES3 job entry subsystems It provides a detailed discussion about how JES2 and JES3 are used to receive jobs into the operating system schedule them for processing by z OS and control their output processing The link pack area LPA LNKST authorized libraries and the role of VLF and LLA components An overview of SMP E for z OS An overview of IBM Language Environment architecture and descriptions of Language Environment s full program model callable services storage management model and debug information Other volumes in this series include the following content Volume 1 Introduction to z OS and storage concepts TSO E ISPF JCL SDSF and z OS delivery and installation Volume 3 Introduction to DFSMS data set basics storage management hardware and software catalogs and DFSMSStvs Volume 4 Communication Server TCP IP and IBM VTAM Volume 5 Base and IBM Parallel

Sysplex System Logger Resource Recovery Services RRS global resource serialization GRS z OS system operations automatic restart management ARM IBM Geographically Dispersed Parallel Sysplex™ IBM GDPS Volume 6 Introduction to security IBM RACF Digital certificates and PKI Kerberos cryptography and z990 integrated cryptography zSeries firewall technologies LDAP and Enterprise Identity Mapping EIM Volume 7 Printing in a z OS environment Infoprint Server and Infoprint Central Volume 8 An introduction to z OS problem diagnosis Volume 9 z OS UNIX System Services Volume 10 Introduction to IBM z Architecture the IBM Z platform and IBM Z connectivity LPAR concepts HCD and the DS Storage Solution Volume 11 Capacity planning performance management WLM IBM RMFTM and SMF Volume 12 WLM Volume 13 JES3 JES3 SDSF *Introduction to the New Mainframe: IBM z/VSE Basics* Mike Ebberts, 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 z™ 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 **ABCs of IBM z/OS System Programming Volume 3** Jose Gilberto Biondo Jr., IBM Redbooks, 2018-01-19

The ABCs of IBM z OS System Programming is a 13 volume collection that provides an introduction to the z OS operating system and the hardware architecture Whether you are a beginner or an experienced system programmer the ABCs collection provides the information that you need to start your research into z OS and related subjects The ABCs collection serves as a powerful technical tool to help you become more familiar with z OS in your current environment or to help you evaluate platforms to consolidate your e business applications This edition is updated to z OS Version 2 Release 3 The other volumes contain the following content Volume 1 Introduction to z OS and storage concepts TSO E ISPF JCL SDSF and z OS delivery and installation Volume 2 z OS implementation and daily maintenance defining subsystems IBM Job Entry Subsystem 2 JES2 and JES3 link pack area LPA LNKST authorized libraries System Modification Program Extended SMP E IBM Language Environment Volume 4 Communication Server TCP IP and IBM VTAM Volume 5 Base and IBM Parallel Sysplex System Logger Resource Recovery Services RRS global resource serialization GRS z OS system operations automatic restart manager ARM IBM Geographically Dispersed Parallel Sysplex™ IBM GDPS Volume 6 Introduction to security IBM RACF Digital certificates and PKI Kerberos cryptography and z990 integrated cryptography zSeries firewall technologies LDAP and Enterprise Identity Mapping EIM Volume 7 Printing in a z OS environment Infoprint Server and Infoprint Central Volume 8 An introduction to z OS problem diagnosis Volume 9 z OS UNIX System Services Volume 10 Introduction to IBM z Architecture the IBM Z platform IBM Z connectivity LPAR concepts HCD and DS Storage Solution Volume 11 Capacity planning performance management WLM IBM RMFTM and SMF Volume 12 WLM Volume 13 JES3 JES3 SDSF **DB2**,1988 *Argonne Computing Newsletter*,1991-12 **DB2 Universal Database for OS/390 Version 7.1 Certification Guide** Richard Yevich,Susan Lawson,2001 PLEASE PROVIDE COURSE INFORMATION PLEASE PROVIDE MVS JCL & Utilities Michael Trombetta,Sue Carolyn Finkelstein,1989 **VSAM Demystified** Mary Lovelace,Jose Dovidauskas,Alvaro Salla,Valeria Sokal,IBM Redbooks,2022-08-24 Virtual Storage Access Method VSAM is one of the access methods used to process data Many of us have used VSAM and work with VSAM data sets daily but exactly how it works and why we use it instead of another access method is a mystery This book helps to demystify VSAM and gives you the information necessary to understand evaluate and use VSAM properly This book also builds upon the subject of Record Level Sharing and DFSMStvs It clarifies VSAM functions for application programmers who work with VSAM The practical straightforward approach should dispel much of the complexity associated with VSAM Wherever possible an example is used to reinforce a description of a VSAM function This IBM Redbooks publication is intended as a supplement to existing product manuals It is intended to be used as an initial point of reference for VSAM functions z/OS Version 2 Release 1 Technical Updates Karan Singh,Paul-Robert Hering,George Kozakos,Lutz Kuehner,Jacqueline Mourão,Diana Nakajima,Nelson Oliveira,Gil Peleg,Alvaro Salla,Yu Uchida,Antonio Vilarins,IBM Redbooks,2014-08-25 This IBM Redbooks publication provides a broad understanding of the changes new features and new functions introduced with IBM z OS Version 2 Release 1 2 1 This new version marks a

new era of z OS Version 2 lays the groundwork for the next tier of mainframe computing enabling you to pursue the innovation to drive highly scalable workloads including private clouds support for mobile and social applications and more Its unrivaled security infrastructure helps secure vast amounts of data Its highly optimized availability can help you deliver new data analytics solutions And its continued improvements in management help automate the operations of IBM zEnterprise systems With support for IBM zEnterprise EC12 zEC12 Enterprise Class and zEnterprise BC12 zBC12 Business Class systems z OS 2.1 offers unmatched availability scalability and security to meet the business challenges of cloud services and data analytics and the security demands of mobile and social network applications Through its unique design and qualities of service z OS provides the foundation that you need to support these demanding workloads alongside your traditional mission critical applications WinterShare 2014 presentation This presentation on z OS V2.1 June 2014 represents an update to the WinterShare 2014 presentation and reflects z OS enhancements delivered since general availability last Fall Please listen to John Eells of our Technical Strategy team present this one hour comprehensive technical overview of z OS V2.1 Audio Presentation 59MB Corresponding charts [Optimizing System z Batch Applications by Exploiting Parallelism](#) Martin Packer, Dean Harrison, Karen Wilkins, IBM Redbooks, 2014-08-21 This IBM Redpaper™ publication shows you how to speed up batch jobs by splitting them into near identical instances sometimes referred to as It is a practical guide which is based on the authors testing experiences with a batch job that is similar to those jobs that are found in customer applications This guide documents the issues that the team encountered and how the issues were resolved The final tuned implementation produced better results than the initial traditional implementation Because job splitting often requires application code changes this guide includes a description of some aspects of application modernization you might consider if you must modify your application The authors mirror the intended audience for this paper because they are specialists in IBM DB2 IBM Tivoli Workload Scheduler for z OS and z OS batch performance **z/OS V1.11 DFSMS Release Guide** Mary Lovelace, Andre Luiz Coelho Da Silva, Anthony Fletcher, Juergen Hoerner, Norbert Schlumberger, Hien Troung, Craig Vernon, IBM Redbooks, 2010-11-19 Each release of data facility storage management subsystem DFSMS builds upon the previous version to provide enhanced storage management data access device support program management and distributed data access for the z OS platform in a system managed storage environment This IBM Redbooks publication provides a summary of the functions and enhancements in z OS V1R11 DFSMS It provides you with the information that you need to understand and evaluate the content of this DFSMS release along with practical implementation hints and tips Also included are enhancements that were made available through an enabling PTF that has been integrated into z OS DFSMS V1R11 This book was written for storage professionals and system programmers who have experience with the components of DFSMS It provides sufficient information so that you can start prioritizing the implementation of new functions and evaluating their applicability in your DFSMS environment **IBM z/OS V2R2: JES2, JES3, and SDSF** Keith Winnard, Jose Gilberto

Biondo,Jaqueline Mouro,Alvaro Salla,Ewerton Waki,IBM Redbooks,2015-12-15 This IBM Redbooks publication helps you to become familiar with the technical changes that were introduced into the JES2 JES3 and SDSF areas with IBM z OS V2R2 This book includes the following chapters Chapter 1 JES2 on page 1 This chapter describes the JES2 updates that are related to z OS V2R2 Chapter 2 JES3 on page 29 This chapter describes the enhancements that are provided in JES3 by z OS V2R Chapter 3 System Display and Search Facility on page 39 This chapter describes the changes in SDSF in z OS V2R2 This book is one of a series of IBM Redbooks that take a modular approach to providing information about the updates that are included with z OS V2R2 This approach has the following goals Provide modular content Group the technical changes into a topic Provide a more streamlined way of finding relevant information that is based on the topic We hope you find this approach useful and we welcome your feedback

IBM TS7700 Release 4.2 Guide Larry Coyne,Derek Erdmann,Joe Hew,Sosuke Matsui,Alberto Barajas Ortiz,Aderson Pacini,Michael Scott,Chen Zhu,IBM Redbooks,2019-04-19 This IBM Redbooks publication covers IBM TS7700 R4 2 The IBM TS7700 is part of a family of IBM Enterprise tape products This book is intended for system architects and storage administrators who want to integrate their storage systems for optimal operation Building on over 20 years of virtual tape experience the TS7760 now supports the ability to store virtual tape volumes in an object store The TS7700 has supported off loading to physical tape for over two decades Off loading to physical tape behind a TS7700 is utilized by hundreds of organizations around the world Using the same hierarchical storage techniques the TS7700 can also off load to object storage Given object storage is cloud based and accessible from different regions the TS7760 Cloud Storage Tier support essentially allows the cloud to be an extension of the grid As of the release of this document the TS7760C supports the ability to off load to IBM Cloud Object Storage as well as Amazon S3 To learn about the TS7760 cloud storage tier function planning implementation best practices and support see IBM Redpaper IBM TS7760 R4 2 Cloud Storage Tier Guide redp 5514 at <http://www.redbooks.ibm.com/abstracts/redp5514.html> The IBM TS7700 offers a modular scalable and high performance architecture for mainframe tape virtualization for the IBM Z environment It is a fully integrated tiered storage hierarchy of disk and tape This storage hierarchy is managed by robust storage management microcode with extensive self management capability It includes the following advanced functions Improved reliability and resiliency Reduction in the time that is needed for the backup and restore process Reduction of services downtime that is caused by physical tape drive and library outages Reduction in cost time and complexity by moving primary workloads to virtual tape More efficient procedures for managing daily backup and restore processing Infrastructure simplification through reduction of the number of physical tape libraries drives and media TS7700 delivers the following new capabilities TS7760C supports the ability to off load to IBM Cloud Object Storage as well as Amazon S3 8 way Grid Cloud consisting of any generation of TS7700 Synchronous and asynchronous replication Tight integration with IBM Z and DFSMS policy management Optional Transparent Cloud Tiering Optional integration with physical tape Cumulative 16Gb FICON

throughput up to 4 8GB s 8 IBM Z hosts view up to 496 8 equivalent devices Grid access to all data independent of where it exists The TS7760T writes data by policy to physical tape through attachment to high capacity high performance IBM TS1150 and IBM TS1140 tape drives installed in an IBM TS4500 or TS3500 tape library The TS7760 models are based on high performance and redundant IBM POWER8 technology They provide improved performance for most IBM Z tape workloads when compared to the previous generations of IBM TS7700

JES3 to JES2 Migration Considerations Frank Kyne,Karan Singh,Bruce Dennis,Brad Habbershaw,John A. O'Leary,John Unterholzner,Tom Wasik,IBM Redbooks,2014-12-09

This book deals with the migration from JES3 to JES2 Part One describes this decision Part Two describes the steps and considerations of this migration This IBM Redbooks publication provides information to help clients that have JES3 and would like to migrate to JES2 It provides a comprehensive list of the differences between the two job entry subsystems and provides information to help you determine the migration effort and actions The book is aimed at operations personnel system programmers and application developers

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