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[Epic Content Marketing: How to Tell a Different Story, Break through the Clutter, and Win More Customers by Marketing Less](#) Createspace Independent Publishing Platform

This IBM Redbook provides students of information systems technology with the background knowledge and skills necessary to begin using the basic facilities of a mainframe computer. It is the first in a planned series of textbooks designed to introduce students to mainframe concepts and help prepare them for a career in large systems computing. 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, nor is it a reference book that discusses every feature and option of the mainframe facilities. Others who will 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 material, and can include topics not covered in this textbook. This book is also offered with a textbook cover instead of a redbook cover in PDF and hardcopy formats. Download PDF of book with textbook cover (6.0MB) Order hardcopy of book with textbook cover Note: The contents of the book are identical in both the textbook and redbook versions except for the covers.

[DB2 9 for Z/OS Stored Procedures](#) IBM.Com/Redbooks

TCP/IP Tutorial and Technical Overview offers uniquely detailed coverage of all aspects of TCP/IP architecture, protocols, and product implementations. This new edition includes thorough coverage of such new technologies as multimedia, virtual private networks, differentiated services, and IPv6. In addition, it retains the redbooks' special focus on IBM systems, with a view toward using them in heterogeneous network solutions. Like other redbooks, TCP/IP Tutorial and Technical Overview is written by a group of experts from IBM's ITSO. These practicing engineers from around the world work hands-on with new products and systems in the development phase, giving them a wealth of practical expertise they can pass on to you.

[PC Mag IBM Redbooks](#)

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

[IBM z/OS V2R2: Performance](#) Peachpit Press

IBM® delivered IBM i 6.1 in March 2008. With 6.1, IBM exploits the capabilities of the Machine Interface (MI) architecture to significantly improve programs. Programs can benefit from better performance, a range of new operating system and processor capabilities, and even stronger system integrity. To enable these improvements, all MI programs created for previous releases must be converted to run on 6.1 or a later release. MI programs include integrated language environment (ILE) and original program model (OPM) programs. To convert a program, its creation data, which is a subset of observability, must be available. MI programs retain creation data by default, so that most programs can be converted, going all the way back to programs that were originally created for System/38. Even if an option was chosen to remove creation data from external access, Licensed Internal Code (LIC) can still access the creation data if the target releases of the program and its constituent modules are V5R1 or later. Thus a program lacks sufficient creation data for conversion only if the program or at least one of its modules was created for IBM OS/400® V4R5 or an earlier release and creation data was explicitly removed. You can run the Analyze Object Conversion (ANZOBJCVN) command on V5R4 or V5R3 to help plan for your upgrade. The ANZOBJCVN command identifies programs that will not convert to run on 6.1 or later releases, if any, and estimates the times that are required for the program conversions. It also provides information about two other types of conversions: integrated file system names and spooled files. You can access the ANZOBJCVN command by loading and applying the appropriate PTFs that are listed in this paper. This IBM Redpaper™ publication is intended for system administrators and field technicians to help them understand and prepare for upgrading or migrating to 6.1 or a later release. It explains what the program conversion is and why programs are being created or recreated on 6.1 or a later release. It then provides detailed steps for using the ANZOBJCVN tool on V5R3 or V5R4 to prepare for object conversions. Finally, it discusses the program conversion methods for converting programs to run on 6.1 or a later release. Note: The first edition of this paper was entitled IBM i5/OS Program Conversion: Getting Ready for i5/OS V6R1, REDP-4293-00. The title of this second edition has been slightly modified to IBM i Program Conversion: Getting Ready for 6.1 and Beyond, REDP-4293-01, to reflect the new naming conventions for IBM i.

[ABCs of z/OS System Programming Volume 8](#) IBM Redbooks

Awk was developed in 1977 at Bell Labs, and it's still a remarkably useful tool for solving a wide variety of problems quickly and efficiently. In this update of the classic Awk book, the creators of the language show you what Awk can do and teach you how to use it effectively. Here's what programmers today are saying: "I love Awk." "Awk is amazing." "It is just so damn good." "Awk is just right." "Awk is awesome." "Awk has always been a language that I loved." It's easy: "Simple, fast and lightweight." "Absolutely efficient to learn because there isn't much to learn." "3-4 hours to learn the language from start to finish." "I can teach it to new engineers in less than 2 hours." It's productive: "Whenever I need to do a complex analysis of a semi-structured text file in less than a minute, Awk is my tool." "Learning Awk was the best bang for buck investment of time in my entire career." "Designed to chew through lines of text files with ease,

with great defaults that minimize the amount of code you actually have to write to do anything." It's always available: "AWK runs everywhere." "A reliable Swiss Army knife that is always there when you need it." "Many systems lack Perl or Python, but include Awk." Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

*PC World* "O'Reilly Media, Inc."

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), LNKLST, 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

[Digital Printing Pocket Primer](#) IBM Redbooks

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

[IBM EServer ISeries Printing VI](#) Windsor Professional Information Considered the bible of the IBM zSeries and S/390 world, this new edition closely examines the role large computers will play in the new century. All the new hardware models and operating system products—Linux, VSE, MVS, VM, AIX, and Open Edition—are now available for the zSeries and are fully explained, as are critical business issues such as cost justification, lease versus purchase, support, security, and maintenance. Hypothetical small, medium, and large businesses are described and then outfitted with the appropriate zSeries solution. This replaces 1885068700.

[Routing in the Internet](#) Addison-Wesley Professional

Reach more customers than ever with TARGETED CONTENT Epic Content Marketing helps you develop strategies that seize the competitive edge by creating messages and "stories" tailored for instant, widespread distribution on social media, Google, and the mainstream press. It provides a step-by-step plan for developing powerful content that resonates with customers and describes best practices for social media sharing and search engine discoverability. Joe Pulizzi is a content marketing strategist, speaker and founder of the Content Marketing Institute, which runs the largest physical content marketing event in North America, Content Marketing World.

[The AWK Programming Language](#) IBM Redbooks

This work explains both the concepts and procedures involved in network routing, Internet architecture and Protocols, and more. It details up-to-date advances in routing Protocols and their support of real-time applications.

[IBM i 7.2 Technical Overview with Technology Refresh Updates](#) Maximum Press

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

[ABCs of z/OS System Programming Volume 7](#) IBM Redbooks

The IBM® DB2® Analytics Accelerator Version 3.1 for IBM z/OS® (simply called Accelerator in this book) is a union of the IBM System z® quality of service and IBM Netezza® technology to accelerate complex queries in a DB2 for z/OS highly secure and available environment. Superior performance and scalability with rapid appliance deployment provide an ideal solution for complex analysis. In this IBM Redbooks® publication, we provide technical decision-makers with a broad understanding of the benefits of Version 3.1 of the Accelerator's major new functions. We describe their installation and the advantages to existing analytical processes as measured in our test environment. We also describe the IBM zEnterprise® Analytics System 9700, a hybrid System z solution offering that is surrounded by a complete set of

optional packs to enable customers to custom tailor the system to their unique needs..

*ABCs of IBM z/OS System Programming Volume 3* IBM.Com/Redbooks

For readers ready to embrace the freedom of wireless, this is the place to start. In these pages they'll learn first about the underpinnings of wireless technology and network basics before getting down to the real business at hand: setting up, configuring, and maintaining a wireless network. Step-by-step instructions delivered in easily digestible chunks make it easy to get a network humming.

**z/OS Version 1 Release 11 Implementation** IBM Redbooks

The ABCs of z/OS System Programming is an eleven 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 would like 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 will serve as a powerful technical tool. This IBM Redbooks publication describes the functions of the Infoprint Server. It will help you install, tailor, configure, and use the z/OS Version 1 Release 7 version of Infoprint Server. Topics covered in this volume are the following: Infoprint Server UNIX System Services overview Infoprint Server customization Print Interface IP PrintWay NetSpool Infoprint Central User interfaces to Infoprint Server The contents of the volumes are as follows: 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, JES2 and JES3, LPA, LNKLST, authorized libraries, SMP/E, Language Environment Volume 3: Introduction to DFSMS, data set basics storage management hardware and software, catalogs, and DFSMStvs Volume 4: Communication Server, TCP/IP, and VTAM Volume 5: Base and Parallel Sysplex, System Logger, Resource Recovery Services (RRS), global resource serialization (GRS), z/OS system operations, automatic restart management (ARM), Geographically Dispersed Parallel Sysplex (GDPS) Volume 6: Introduction to security, RACF, Digital certificates and PKI, Kerberos, 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 z/Architecture, zSeries processor design, zSeries connectivity, LPAR concepts, HCD, and HMC Volume 11: Capacity planning, performance management, WLM, RMF, and SMF

**ABCs of z/OS System Programming: Volume 4** IBM Redbooks

Provides readers with end-to-end shell scripts that can be used to automate repetitive tasks and solve real-world system administration problems Targets the specific command structure for four popular UNIX systems: Solaris, Linux, AIX, and HP-UX Illustrates dozens of example tasks, presenting the proper command syntax and analyzing the performance gain or loss using various control structure techniques Web site includes all the shell scripts used in the book

*z/OS Version 1 Release 12 Implementation* IBM Redbooks

The ABCs of IBM® z/OS® System Programming is an 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 would like 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 will serve as a powerful technical tool. This IBM Redbooks® publication, Volume 10, provides an introduction to IBM z/Architecture®, IBM z14 processor design, IBM Z connectivity, LPAR concepts and Hardware Configuration Definition (HCD). The contents of all the volumes are as follows: 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, JES2 and JES3, LPA, LNKLST, authorized libraries, SMP/E, IBM Language Environment® Volume 3: Introduction to DFSMS, data set basics storage management hardware and software, catalogs, and DFSMStvs 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 z/Architecture®, z14 processor design, IBM Z connectivity, LPAR concepts, and HCD Volume 11: Capacity planning, performance management, WLM, IBM RMFTM, and SMF Volume 12: WLM Volume 13: JES3, JES3 SDSF

**ABCs of z/OS System Programming Volume 10** McGraw Hill Professional

EXPANDED AND UPDATED Deliver Products in Short Cycles with Rapid Adaptation to Change, Fast Time-to-Market, and Continuous Improvement -- Which Supports Innovation and Drives Competitive Advantage Shifting customer needs are common in today's marketplace. Businesses must be adaptive and responsive to change while delivering an exceptional customer experience to be competitive. There are a variety of frameworks supporting the development of products and services, and most approaches fall into one of two broad categories: traditional or agile. Traditional practices such as waterfall engage sequential development, while agile involves iterative and incremental deliverables. Organizations are increasingly embracing agile to manage projects, and best meet their business needs of rapid response to change, fast delivery speed, and more. With clear and easy to follow step-by-step instructions, Agile Scrum helps you: - Implement and use the most popular agile framework -- Scrum - Deliver products in short cycles with rapid adaptation to change, fast time-to-market, and continuous improvement - Support innovation and drive competitive advantage Agile Scrum is for those interested or involved in innovation, project management, product development, software development or technology management. It's for those who have not yet used Scrum. It's also for people already using Scrum, in roles such as Product Owners, Scrum Masters, Development Team members (business analysts, solution and system architects, designers, developers, testers, etc.), customers, end users, agile coaches, executives, managers, and other stakeholders. For those already using Scrum, this guide can serve as a reference on practices for consideration and potential adaptation.

Reactions to Agile Scrum have been incredibly positive. "A superbly written and presented guide to team-based project management that is applicable across a broad range of businesses from consumer products to high-tech." - IndieBRAG "Recommended." - The US Review of Books "The book is excellent." - Readers' Favorite "An all-inclusive instruction guide that is impressively 'user-friendly' in tone, content, clarity, organization, and presentation." - Midwest Book Review "A-type personalities (those inclined to avoid instruction manuals) and non-readers will rejoice upon discovering this guide which makes getting started with Agile Scrum a breeze." - Literary Classics Book Reviews "A must-have for a project manager wanting to introduce Scrum to the organization." - PM World Journal "A clear and authoritative roadmap for successful implementation." - BookViral Agile Scrum has received 17 FIRST PLACE WINS in national and international competitions: 5th Annual Beverly Hills International Book Awards - Business-General category 5th Annual Beverly Hills International Book Awards -Technology category 2016 London Book Festival - Business category Fall 2016 Pinnacle Book Achievement Awards - Business category 2017 Feathered Quill Book Awards - Informational (Business) category 2016 New Apple Book Awards - Technology category 2017 Independent Press Award - Technology category 11th Annual National Indie Excellence Awards - Technology category 2017 Pacific Rim Book Festival - Business category 2017 Bookvana Awards - Green/Conscious Business category 2017 Book Excellence Awards - Technology category 14th Annual Best Book Awards - Business Reference category 2017 New York City Big Book Awards - Technology category 2017 Royal Dragonfly Book Awards - Science & Technology category 2017 Human Relations Indie Book Awards - Workplace category 2018 Florida Book Festival - Business category 2018 Pacific Book Awards - Business category Agile Scrum -- get your copy today! Professional NoSQL Prentice Hall PTR

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), LNKLST, 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 DFSMStvs 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

**Agile Scrum** Prentice Hall

This IBM® Redbooks® publication describes the functions of z/OS® Communications Server. z/OS Communications Server provides a set of communications protocols that support peer-to-peer connectivity functions for both local and wide-area networks, including the most popular wide-area network, the Internet. z/OS Communications Server also provides performance enhancements that can benefit a variety of TCP/IP applications. z/OS Communications Server provides both SNA and TCP/IP networking protocols for z/OS. The SNA protocols are provided by VTAM® and include Subarea, Advanced Peer-to-Peer Networking, and High Performance Routing protocols. z/OS Communications Server exploits z/OS UNIX® services even for traditional MVSTM environments and applications. Prior to utilizing TCP/IP services, therefore, a full-function mode z/OS UNIX environment including a Data Facility Storage Management Subsystem (DFSMSdftp), a z/OS UNIX file system, and a security product (such as Resource Access Control Facility, or RACF®) must be defined and active before z/OS Communications Server can be started successfully. The ABCs of 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 will serve as a powerful technical tool. The contents of the volumes are as follows: 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, JES2 and JES3, LPA, LNKLST, authorized libraries, SMP/E, Language Environment® Volume 3: Introduction to DFSMS, data set basics storage management hardware and software, catalogs, and DFSMStvs Volume 4: Communication

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Server, TCP/IP, and VTAM Volume 5: Base and Parallel Sysplex®, System  
Logger, Resource Recovery Services (RRS), global resource  
serialization (GRS), z/OS system operations, automatic restart  
management (ARM), Geographically Dispersed Parallel Sysplex™ (GDPS®)  
Volume 6: Introduction to security, 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  
z/Architecture®, zSeries processor design, zSeries connectivity, LPAR  
concepts, HCD, and HMC Volume 11: Capacity planning, performance  
management, RMFTM, and SMF Volume 12: WLM Volume 13: JES3  
*Exploring IBM EServer zSeries and S/390 Servers* IBM.Com/Redbooks  
This IBM® Redbooks® publication describes changes in installation and  
migration when migrating from a current z/OS® V1R10 and z/OS V1R11 to z/OS  
V1R12. Also described are tasks to prepare for the installation of z/OS  
V1R12, including ensuring that driving system and target system  
requirements are met, and coexistence requirements are satisfied. New  
migration actions are introduced in z/OS V1R12. This book focuses on  
identifying some of the new migration actions that must be performed for  
selected elements when migrating to z/OS V1R12. This book describes the  
following enhancements: z/OS V1R12 installation, HiperDispatch, System  
Logger, Auto-reply to WTORs, Real Storage Manager (RSM) DFSMS, DFSORT,  
Services aids, z/OS Infoprint Server, TSO/E, RMFTM, Language Environment®,  
BCP allocation XML System Services, z/OS UNIX® System Services, BCP  
supervisor, Extended Address Volumes HyperSwap®, BCPii, (de)ciphering,  
Predictive Failure Analysis, C language, Hardware instrumentation services  
FICON® dynamic channel-path management, Workload Manager, SDSF, JES2, JES3,  
SMF, GRS, XCF, HCD Unicode, Capacity provisioning, RRS, Parallel subsystems  
initialization z/OS Management Facility (z/OSMF)