

## Cics Resource Definition Guide

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The Resource Definition Guide explains how to define system resources used by CICS. It describes online definition using the CEDA transaction, batch definition using the DFHCSDUP utility, automatic installation (autoinstall), and resource definition using macros. It contains information for system administrators and system programmers.

### CICS Transaction Server for z/OS® Resource Definition Guide

iv CICS TS for z/OS 4.2: Resource Definition Guide. Part 3. Defining resources ... . 391 Chapter 40. Resource definition online ... Macro resource definition 503 Introduction to CICS control tables and macros . . 503 Format of macros ..... . 506 Defining resources in CICS control tables ... . 507

### CICS TS for z/OS 4.2: Resource Definition Guide

Resource Definition Guide Version 3 Release 1 SC34-6430-09. CICS Transaction Server for z/OS Resource Definition Guide Version 3 Release 1 SC34-6430-09. Note! Before using this information and the product it supports, be sure to read the general information under "Notices" on page

### Resource Definition Guide - ibm.com

Ways of defining CICS resources. You can define CICS® resources using the CICS Explorer®, CICS bundles, CICSplex® SM Business Application Services, resource definition online (RDO), CICS system programming commands, the DFHCSDUP offline utility, autoinstall, or macro resource definition. Compare the relevant methods of resource definition to choose which way to define each of your CICS resources.

### Ways of defining CICS resources - IBM

CICS TS for OS/390: CICS Resource Definition Guide Table 2. Methods of resource definition (continued) Method DFHCSDUP Description DFHCSDUP is an offline utility that allows you to define, list, and modify resources using a batch job. DFHCSDUP can be invoked as a batch program or from a user-written program running either in batch mode or under TSO.

### CICS Resource Definition | Bracket | Parameter (Computer ...

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### Cics Resource Definition Guide - edugeneral.org

To start the CICS Resource Definition tool, click CICS on the Tools menu, and then click Resource Definition. An ISPF-type screen is displayed. An ISPF-type screen is displayed. Use the function keys to select the operation that you want to perform, as shown at the bottom of the screen.

### CICS Resource Definitions - Support Resources

The resource definitions stored by CICS Option are different in both content and form to those stored on the mainframe. Many resource types and attributes that you can define on the mainframe are meaningless in the Windows environment, for example LSRPOOL.

### CICS Resource Definitions - Support Resources

The System Definition Guide explains how to specify and install the system definitions for a CICS region. It describes how to define CICS data sets and initialize a CICS region. It contains information for experienced system programmers. System Definition Guide. CICS Transaction Serverfor z/OS®SystemDefinition Guide.

### **CICS Transaction Server for z/OS® System Definition Guide**

Your CICS system has to know which resources to use, what their properties are, and how they interact with each other. You supply this information to CICS by resource definition: Resource definition online (RDO): This method uses the CICS-supplied online transactions CEDA, CEDB, and CEDC. Definitions are stored on the CICS system definition (CSD) file, and installed into an active CICS system from the CSD file.

### **Mainframe King: resource definition in cics**

Resource Definition Guide Guidance information is included in Configuring CICS TS for z/OS Resource reference section split into a separate PDF called Resource Reference .

### **Documentation in PDF - IBM**

Recovery and Restart Guide: Included in Administering CICS: Resource Definition Guide: Guidance information is included in Configuring CICS TS for z/OS; Resource reference section split into a separate PDF called Resource Reference. Supplied Transactions: Guidance information is included in Administering CICS; Renamed to Supplied Transactions Reference. System Definition Guide: Renamed to Configuring CICS TS for z/OS

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### **Cics Resource Definition Guide - v1docs.bespokify.com**

CICS Resource Definition Guide. The RCT or DB2 attachment facility contains the information required for CICS to establish its connection to DB2. The FILE transaction's DB2 facility lets you view information and statistics on each entry in the active RCT. The display format is presented as if the RCT existed as a DB2 table.

### **Using CA InterTest for CICS with DB2 and SQL/DS Programs**

CICS provides the ability to use a dynamic library definition to dynamically allocate and concatenate the load library data sets to the ddname DFHRPL. You can dynamically add definitions to the CICS CSD file using the CICS DFHCSDUP utility.

### **Update the CICS Tables (INST0060)**

If all the TSMODEL resource definitions with a nonzero expiry interval are deleted from a CICS region, CICS stops scanning for expired temporary storage queues. GROUP (groupname) Every resource definition must have a GROUP name. The resource definition becomes a member of the group and is installed in the CICS system when the group is installed.

### **TSMODEL attributes**

Create a CICS resource definition file using following command: `caspcrd /c /dp=c:\ProjectLocation\acctweb\system;` For CICS Web support a new group has been added to the system. To ensure this group appears on the list of available groups to add to your resources, upgrade the resource definition file by running the following command:

### **Create and Upgrade the CICS Resource Definition File**

CICS is an operating system in itself, as it manages its own processor storage, has its own task manager which handles execution of multiple programs, and provides its own file management functions. CICS provides online environment in batch operating system. Jobs submitted are executed immediately.

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/OS platforms. 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 RRSAF  
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

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

In this IBM® Redbooks® publication, we discuss CICS®, which stands for Customer Information Control System. It is a general-purpose transaction processing subsystem for the z/OS® operating system. CICS provides services for running an application online where, users submit requests to run applications simultaneously. CICS manages sharing resources, the integrity of data, and prioritizes execution with fast response. CICS authorizes users, allocates resources (real storage and cycles), and passes on database requests by the application to the appropriate database manager, such as DB2®. We review the history of CICS and why it was created. We review the CICS architecture and discuss how to create an application in CICS. CICS provides a secure, transactional environment for applications that are written in several languages. We discuss the CICS-supported languages and each language's advantages in this Redbooks publication. We analyze situations from a system programmer's viewpoint, including how the systems programmer can use CICS facilities and services to customize the system, design CICS for recovery, and manage performance. CICS Data access and where the data is stored, including Temporary storage queues, VSAM RLS, DB2, IMSTM, and many others are also discussed.

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The IBM® CICS® Transaction Server for z/VSE® (CICS TS for z/VSE) 2.1 provides functions to improve application programming, system programming, system management, and data security and availability. With CICS TS for z/VSE 2.1, you can use the extended functionality of Basic Security Manager. CICS TS for z/VSE 2.1 can be administrated by the IBM CICS Explorer® function on a workstation, which allows CICS management in a convenient way. This IBM Redbooks® publication provides information to help you install, tailor, and configure the CICS TS for z/VSE 2.1 product. The book is intended for IBM z/VSE customers and IBM technical personnel who are responsible for planning and migrating to IBM z/VSE 6.1 and CICS TS for z/VSE 2.1. The book also provides information to help you understand the affect of migrating to CICS TS for z/VSE 2.1. It provides detailed guidance and samples for installing and configuring CICS TS for z/VSE 2.1. Also included in the book is a description of the CICS TS for z/VSE 2.1 features and capabilities and the affect of removing obsolete functions. The book also covers security and performance issues and provides samples for first level problem determination through the use of memory dumps or the use of trace tools.

NOTE: This book contains information about technologies that have been superseded and it is retained for historical purposes only. IBM CICS Transaction Server (CICS TS) has supported the deployment of Java applications since the 1990's. In CICS TS V1.3 (1999), IBM introduced the 'Pooled JVM' style of JVM infrastructure within CICS TS. This infrastructure was designed to be similar in nature to that which a CICS application developer for a language such as COBOL would be used to. It brought the benefits of the new Java language to CICS TS, without a dramatic change to the way CICS users thought of core concepts such as re-entrancy and isolation. As enterprise usage of Java evolved it began to make more and more use of multi-threaded environments where isolation was not a desired characteristic. Additionally, technologies such as OSGi (Open Service Gateway Initiative) evolved to overcome some of the original disadvantages of applying Java to an enterprise environment. As such, the limitations of the 'Pooled JVM' approach began to outweigh the benefits. In CICS TS V4.1 (2009), IBM introduced the new 'JVM server' infrastructure in CICS TS as a replacement to the 'Pooled JVM' approach. This 'JVM server' infrastructure provides a much more standard Java environment that makes the writing and porting of Java applications for CICS TS much simpler. In CICS TS V5.1 (2012), support for the old 'Pooled JVM' infrastructure was removed. While there is a relatively simple migration path from 'Pooled JVM' to 'JVM server', applications should no longer be written to the 'Pooled JVM' infrastructure. There are a number of more recent IBM Redbooks publications covering the replacement 'JVM server' technology, including: IBM CICS and the JVM server: Developing and Deploying Java Applications, SG24-8038 A

Software Architect's guide to New Java Workloads in IBM CICS Transaction Server, SG24-8225

This IBM® Redbooks® publication pulls together diverse information regarding the best way to design, implement, and manage a Parallel Sysplex® to deliver the levels of performance and availability required by your organization. This book should be of interest to system programmers, availability managers, and database administrators who are interested in verifying that your systems conform to IBM best practices for a Parallel Sysplex environment. In addition to z/OS® and the sysplex hardware configuration, this book also covers the major IBM subsystems: CICS® DB2® IMS™ MQ WebSphere® Application Server To get the best value from this book, readers should have hands-on experience with Parallel Sysplex and have working knowledge of how your systems are set up and why they were set up in that manner.

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.

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