

CICS<sup>®</sup> Transaction Server for OS/390<sup>®</sup>



# CICSplex<sup>®</sup> SM Operations Views Reference

*Release 3*



CICS<sup>®</sup> Transaction Server for OS/390<sup>®</sup>



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*Release 3*

**Note!**

Before using this information and the product it supports, be sure to read the general information under "Notices" on page vii.

**Fifth Edition, March 1999**

This edition applies to Release 3 of CICS Transaction Server for OS/390, program number 5655-147, and to any subsequent versions, releases, and modifications until otherwise indicated in new editions. Information in this edition was previously contained in SC33-0789-03, which is now obsolete. Make sure you are using the correct edition for the level of the product. The technical changes for this edition are summarized under "Summary of changes," and are indicated by a vertical bar to the left of the change.

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## Preface

This book provides usage information for the IBM CICSplex<sup>®</sup> System Manager (CICSplex SM) element of CICS<sup>®</sup> Transaction Server for OS/390<sup>®</sup> Release 3. It describes the CICSplex SM views that can be used in an MVS Enterprise Systems Architecture SP<sup>®</sup> (MVS/ESA<sup>®</sup>) environment to monitor and control multiple CICS systems.

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## Who this book is for

This book addresses the needs of:

- CICS operators responsible for the operation of CICS systems at an enterprise
- System programmers responsible for the monitoring and control of those CICS systems

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## What you need to know

Before reading this book, you should have read the *CICSplex SM User Interface Guide* and you should be familiar with the CICSplex SM interface.

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## Notes on terminology

In the text of this book, the term **CICSplex SM** (spelled with an uppercase letter *P*) means the IBM CICSplex System Manager element of CICS Transaction Server for OS/390 Release 3. The term **CICSplex** (spelled with a lowercase letter *p*) means the largest set of CICS systems to be managed by CICSplex SM as a single entity.

Other terms used in this book are:

### **CICS TS for OS/390**

The CICS element of the CICS TS for OS/390.

**MVS** MVS/Enterprise Systems Architecture SP (MVS/ESA)

The phrase *issue the command* is used in this book to mean that the command may either be typed in the COMMAND field of an Information Display panel or invoked by pressing the PF key to which it is assigned. When the location of the cursor affects command processing, this phrase means that you can do one of the following:

- Type the command in the COMMAND field, place the cursor on the appropriate field, and press Enter.
- Move the cursor to the appropriate field and press the PF key to which the command is assigned.

For an explanation of the CICSplex SM terms used in this book, please refer to the Glossary.

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## Syntax notation and conventions used in this book

The syntax descriptions of the CICSplex SM commands use the following symbols:

- Braces { } enclose two or more alternatives from which one must be chosen.
- Square brackets [ ] enclose one or more optional alternatives.
- The OR symbol | separates alternatives.

The following conventions also apply to CICSplex SM syntax descriptions:

- Commands and keyword parameters are shown in uppercase characters. If a command or parameter may be abbreviated, the minimum permitted abbreviation is in uppercase characters; the remainder is shown in lowercase characters and may be omitted.
- Variable parameters are shown in lowercase characters. You must replace them with your own information.
- Parameters that are not enclosed by braces, "{" and "}", or brackets, "[" and "]", are required.
- A default parameter value is shown like this: KEYWORD. It is the value that is assumed if you do not select one of the optional values.
- Punctuation symbols, uppercase characters, and special characters must be coded exactly as shown.

**Note:** A semicolon, ";", is shown as the command delimiter in examples using multiple commands. For information about using and changing the command delimiter, see the *CICSplex SM User Interface Guide*.

- An ellipsis, "...", means that the immediately preceding parameter can be included one or more times.

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## View descriptions

Each view description includes a brief description of the information presented, information about the availability of the view for supported CICS releases, detailed instructions on accessing the view, and lists of any action commands, overwrite fields, and hyperlink fields that are available. Each section of a view description is clearly identified by appropriate headers. Action commands, overwrite fields, and hyperlink fields are presented in a tabular format. If there are no action commands, overwrite fields, or hyperlink fields for a view, this is indicated by the word "None."

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## CICS system connectivity

This release of CICSplex SM may be used to control CICS systems that are directly connected to it, and indirectly connected through a previous release of CICSplex SM.

# For this release of CICSplex SM, the directly-connectable CICS systems are:  
# • CICS Transaction Server for OS/390 1.3  
# • CICS Transaction Server for OS/390 1.2  
# • CICS Transaction Server for OS/390 1.1  
# • CICS for MVS/ESA 4.1  
# • CICS Transaction Server for VSE/ESA Release 1  
# • CICS Transaction Server for OS/2 Warp 4.1  
# • Transaction Server for OS/2 Warp 4.0

# CICS systems that are not directly connectable to this release of CICSplex SM are:

- # • CICS for MVS/ESA 3.3
- # • CICS for MVS 2.1.2
- # • CICS for VSE/ESA 2.3
- # • CICS for VSE/ESA 2.2
- # • CICS for OS/2 2.0.1

**Note:** IBM Service no longer supports these CICS release levels.

You can use this release of CICSplex SM to control CICS systems that are connected to, and managed by, your previous release of CICSplex SM. However, if you have any directly-connectable release levels of CICS, as listed above, that are connected to a previous release of CICSplex SM, you are strongly recommended to migrate them to the current release of CICSplex SM, to take full advantage of the enhanced management services. See the *CICS Transaction Server for OS/390 Migration Guide* for information on how to do this.

Table 1 shows which CICS systems may be directly connected to which releases of CICSplex SM.

*Table 1. Directly-connectable CICS systems by CICSplex SM release*

CICS system	CICSplex SM component of CICS TS 1.3	CICSplex SM 1.3	CICSplex SM 1.2
CICS TS 1.3	Yes	No	No
CICS TS 1.2	Yes	Yes	No
CICS TS 1.1	Yes	Yes	Yes
CICS for MVS/ESA 4.1	Yes	Yes	Yes
CICS for MVS/ESA 3.3	No	Yes	Yes
CICS for MVS 2.1.2	No	Yes	Yes
CICS TS for VSE/ESA Rel 1	Yes	No	No
# CICS for VSE/ESA 2.3	No	Yes	Yes
CICS for VSE/ESA 2.2	No	Yes	Yes
CICS TS for OS/2 4.1	Yes	No	No
TS for OS/2 4.0	Yes	Yes	Yes
CICS for OS/2 2.0.1	No	Yes	Yes



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## Bibliography

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### CICS Transaction Server for OS/390

<i>CICS Transaction Server for OS/390: Planning for Installation</i>	GC33-1789
<i>CICS Transaction Server for OS/390 Release Guide</i>	GC34-5352
<i>CICS Transaction Server for OS/390 Migration Guide</i>	GC34-5353
<i>CICS Transaction Server for OS/390 Installation Guide</i>	GC33-1681
<i>CICS Transaction Server for OS/390 Program Directory</i>	GI10-2506
<i>CICS Transaction Server for OS/390 Licensed Program Specification</i>	GC33-1707

### CICS books for CICS Transaction Server for OS/390

#### General

<i>CICS Master Index</i>	SC33-1704
<i>CICS User's Handbook</i>	SX33-6104
<i>CICS Transaction Server for OS/390 Glossary (softcopy only)</i>	GC33-1705

#### Administration

<i>CICS System Definition Guide</i>	SC33-1682
<i>CICS Customization Guide</i>	SC33-1683
<i>CICS Resource Definition Guide</i>	SC33-1684
<i>CICS Operations and Utilities Guide</i>	SC33-1685
<i>CICS Supplied Transactions</i>	SC33-1686

#### Programming

<i>CICS Application Programming Guide</i>	SC33-1687
<i>CICS Application Programming Reference</i>	SC33-1688
<i>CICS System Programming Reference</i>	SC33-1689
<i>CICS Front End Programming Interface User's Guide</i>	SC33-1692
<i>CICS C++ OO Class Libraries</i>	SC34-5455
<i>CICS Distributed Transaction Programming Guide</i>	SC33-1691
<i>CICS Business Transaction Services</i>	SC34-5268

#### Diagnosis

<i>CICS Problem Determination Guide</i>	GC33-1693
<i>CICS Messages and Codes</i>	GC33-1694
<i>CICS Diagnosis Reference</i>	LY33-6088
<i>CICS Data Areas</i>	LY33-6089
<i>CICS Trace Entries</i>	SC34-5446
<i>CICS Supplementary Data Areas</i>	LY33-6090

#### Communication

<i>CICS Intercommunication Guide</i>	SC33-1695
<i>CICS Family: Interproduct Communication</i>	SC33-0824
<i>CICS Family: Communicating from CICS on System/390</i>	SC33-1697
<i>CICS External Interfaces Guide</i>	SC33-1944
<i>CICS Internet Guide</i>	SC34-5445

#### Special topics

<i>CICS Recovery and Restart Guide</i>	SC33-1698
<i>CICS Performance Guide</i>	SC33-1699
<i>CICS IMS Database Control Guide</i>	SC33-1700
<i>CICS RACF Security Guide</i>	SC33-1701
<i>CICS Shared Data Tables Guide</i>	SC33-1702
<i>CICS Transaction Affinities Utility Guide</i>	SC33-1777

## CICSplex SM books for CICS Transaction Server for OS/390

### General

<i>CICSplex SM Master Index</i>	SC33-1812
<i>CICSplex SM Concepts and Planning</i>	GC33-0786
<i>CICSplex SM User Interface Guide</i>	SC33-0788
<i>CICSplex SM Web User Interface Guide</i>	SC34-5403
<i>CICSplex SM View Commands Reference Summary</i>	SX33-6099

### Administration and Management

<i>CICSplex SM Administration</i>	SC34-5401
<i>CICSplex SM Operations Views Reference</i>	SC33-0789
<i>CICSplex SM Monitor Views Reference</i>	SC34-5402
<i>CICSplex SM Managing Workloads</i>	SC33-1807
<i>CICSplex SM Managing Resource Usage</i>	SC33-1808
<i>CICSplex SM Managing Business Applications</i>	SC33-1809

### Programming

<i>CICSplex SM Application Programming Guide</i>	SC34-5457
<i>CICSplex SM Application Programming Reference</i>	SC34-5458

### Diagnosis

<i>CICSplex SM Resource Tables Reference</i>	SC33-1220
<i>CICSplex SM Messages and Codes</i>	GC33-0790
<i>CICSplex SM Problem Determination</i>	GC33-0791

## Other CICS books

<i>CICS Application Programming Primer (VS COBOL II)</i>	SC33-0674
<i>CICS Application Migration Aid Guide</i>	SC33-0768
<i>CICS Family: API Structure</i>	SC33-1007
<i>CICS Family: Client/Server Programming</i>	SC33-1435
<i>CICS Family: General Information</i>	GC33-0155
<i>CICS 4.1 Sample Applications Guide</i>	SC33-1173
<i>CICS/ESA 3.3 XRF Guide</i>	SC33-0661

If you have any questions about the CICS Transaction Server for OS/390 library, see *CICS Transaction Server for OS/390: Planning for Installation* which discusses both hardcopy and softcopy books and the ways that the books can be ordered.



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## Summary of Changes

This book is based on Part 2 of the *CICSplex SM Operations Views Reference*, Release 3 edition, SC33-0789-03. It has been updated to incorporate changes made for CICS Transaction Server for OS/390 Release 3.

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### New and changed function in CICS Transaction Server for OS/390 Release 3

New and changed operations views are provided to support new and changed function in CICS Transaction Server for OS/390 Release 3:

- Support for Resource Definition Online (RDO) for the Temporary Storage Table (TST) is provided by:
  - TSMODEL, a general view of all currently available temporary storage queue models.
  - TSMODELD, a detailed view of a temporary storage model.
  - TSMODELS, a summary view of temporary storage models.
  - TSPOOL, a general view of temporary storage shared pools.
  - TSQSHR, a general view of shared temporary storage queues.
  - TSQSHRD, a detailed view of a shared temporary storage queue.
  - TSQSHRS, a summary view of shared temporary storage queues.

The existing temporary storage operations views, TSQ, TSQS, TSQGBL, and TSQGBLS, remain unchanged. However, you can now delete temporary storage queues from the TSQ view by entering the command DEL. A new TSQ Deletion Panel asks you to confirm the deletion.

- Support for long temporary storage queue names is provided by:
  - TSQNAME, a general view of all non-shared temporary storage queues.
  - TSQNAMED, a detailed view of a non-shared temporary storage queue.
  - TSQNAMES, a summary view of non-shared temporary storage queues.
- Support for sysplex-wide enqueue models is provided by:
  - ENQMDL, which shows general information about enqueue models.
  - ENQMDLD, which shows detailed information about an enqueue model.
  - ENQMDLS, which shows summary information about enqueue models.
  - A new field, Scope Name, added to the UOWENQD view
- Support for CICS Business Transaction Services (BTS) is provided by:
  - PROCTYP, a general view of CICS BTS process types.
  - PROCTYPD, a detailed view of a CICS BTS process type.
  - PROCTYPS, a summary view of CICS BTS process types.
- Support for the dynamic routing of EXEC CICS START commands, inbound client dynamic program link (DPL) requests, and peer-to-peer DPL requests, is provided by:
  - A new field, Routing Status, added to the LOCTRAND view.
  - A new field, Dynam Status, added to the PROGRAMD view. This field indicates whether or not the current program is eligible for dynamic routing.
  - A new field, Dst Route Pgm, added to the CICSRGND view.

- Support for Recoverable Resources Management Services (RRMS) in an MVS image is provided by:
  - A new value, WAITRRMS, added to the Wait Cause field of the UOWORKD view.
  - A new field, RRMS Status, added to the CICSRGND view. The RRMS Status field can have the values OPEN, CLOSED, and N/A.
  - A new field, Protocol, added to the UOWLINKD view. The Protocol field can either have the value RRMS or be blank. If the Protocol field has the value RRMS, the Linked SysId field is blank.
- Support of IIOP inbound to Java applications is provided by:
  - RQMODEL, a general view of request models.
  - RQMODELDD, a detailed view of a request model.
  - RQMODELS, a summary view of request models.
- Support for coupling facility data tables facility is extended by:
  - CFDTPOOL, a general view of coupling facility data table pools associated with the file.
  - CFDTPOOD, a detailed view of a coupling facility data table.
  - CFDTPOOS, a summary view of coupling facility data tables.
  - Changes to the existing file operations view, CMDT, and its associated detail view, CMDTD, and summary view, CMDTS.
  - CMDT2, for detailed information relating to a CICS- or user-maintained data table, or a coupling facility data table. You can hyperlink to this view from the Table Info field of the CMDTD view.
  - CMDT3, for statistical information relating to a data table file. You can hyperlink to this view from the Data Set Info field of the CMDT2 view.
  - Changes to the FILE operations view.
- Support for enhancements to the CICS Web interface, and the the introduction of new resource definitions, DOCTEMPLATE and TCPIPSERVICE, is provided by:
  - DOCTEMP, a general view of document templates.
  - DOCTEMPD, a detailed view of a document template.
  - DOCTEMPS, a summary view of document templates.
  - TCPIPS, a general view of TCP/IP services using CICS internal sockets support.
  - TCPIPSD, a detailed view of a TCP/IP service.
  - TCPIPSS, a summary view of TCP/IP services.
- Support for the Open Transaction Environment enhancement to the internal architecture of CICS, which enables specified tasks to run under their own task control block, is provided by:
  - New fields, Force QR and Max open TCBS, added to the CICSRGN2 view.
  - A new field, Concurrency, added to the PROGRAMD view.
  - Amendments to the PROGRAM view.
  - Amendments to the EXITGLUE and EXITTRUE views.
  - Amendments to the TASK and TASKD views.
- Support for the Java Virtual Machine (JVM) is provided by:
  - Three new fields, Runtime, JVM Class, and JVM Debug, have been added to the PROGRAMD view.
  - A new view, PROGRAMJ, details the JVM Class value for the current program.

- FEPI resources are no longer installed using operations views. New BAS views are available for defining and installing FEPI resources; see *CICSplex SM Managing Business Applications*.
- Other changes to operations views for CICS Transaction Server for OS/390 Release 3 are:
  - Changes have been made to the CICSRGND view.
  - There is a new CICS regions view CICSRGN4.
  - Changes have been made to the TASKD, TASK2, and TASK3 views
  - There are new task views TASK4, TASK5, TASK6, TASK7, TASK8, and TASK9.

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## Changes to this book for CICS Transaction Server for OS/390 Release 3

In addition to the changes made for new functions, the following changes have been made to this book for CICSplex SM for CICS Transaction Server for OS/390 Release 3.

- The user interface information has been deleted. For all information and guidance on the user interface, see the *CICSplex SM User Interface Guide*.
- The monitor views have been moved to a new manual, *CICSplex SM Monitor Views Reference*.
- Removal of the CICSplex SM definition views to the appropriate CICSplex SM book:
  - The workload definition views to *CICSplex SM Managing Workloads*.
  - The Real-time analysis and monitoring definition views to *CICSplex SM Managing Resource Usage*.
  - The real-time analysis views to *CICSplex SM Managing Resource Usage*.



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## Chapter 1. Introduction

This book describes those CICSplex SM view commands that support day-to-day operation and management of the CICS resources in an enterprise. It is intended for CICS operators who are responsible for running CICS-supplied transactions, such as the CICS Master Terminal Transaction (CEMT), to manage CICS resources.

The CICSplex SM views mirror the functionality currently provided for CICS systems. In other words, operators can work in essentially the same way as they do now without any change in their basic approach to daily system activities. The greatest benefit of the CICSplex SM views, however, is that they can be used to control the operation of multiple CICS systems and their resources from a single session, as if they were a single CICS system.

The view commands consist of a set of *operations views* used to control CICS resources, a largely matching set of *monitor views* used to monitor resources, and sets of *definition views* used to manage CICSplex SM definitions while they are active in a CICSplex.

The operations view commands are described in this book. The monitor view commands are described in *CICSplex SM Monitor Views Reference*; the CICSplex SM definitions are described in the relevant CICSplex SM book: *CICSplex SM Managing Workloads*, *CICSplex SM Managing Resource Usage*, and *CICSplex SM Managing Business Applications*.

Examples of how to use the views to perform some typical operations tasks are provided in the appendix.

The view commands used to define the CMAS configuration and topology of a CICSplex SM environment are described in *CICSplex SM Administration*. Details on using the CICSplex SM ISPF end-user interface are provided in the *CICSplex SM User Interface Guide*.

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### Controlling CICS resources

The CICSplex SM operations views provide a single-system image of all the CICS resources within a CICSplex. The operations views allow you to:

- Enable and disable resources
- Open and close resources
- Acquire and release resources
- Place resources in or out of service
- Purge tasks associated with a resource
- Discard resource definitions from the CICS system where they are installed
- Change various resource attributes
- Shut down a CICS system

---

### Understanding operations view names

The CICSplex SM operations views present information in a layered approach, employing multiple views to present all the information for a given resource. The names assigned to the views reflect this layered approach.

## understanding operations view names

The top-level view contains general information about multiple CICS resources or CICSplex SM definitions. *General views* have names that reflect the type of resource for which information is being displayed. For example, the TERMNL view shows general information about currently installed terminals.

Below the general view there may be one or more *detailed views*. These views present detailed information about a single resource within the CICSplex. The name of the first or only detailed view is, in most cases, the name of the general view with a *D* appended to it. For example, the first detailed TERMNL view is called TERMNLD. If the general view name is already 8 characters long (the maximum length for view names), the last character of the name may be dropped and replaced with a *D*.

Some resources require additional detailed views to present all of the information available about them. The names of these views have numbers appended to them. For example, the second TERMNL detailed view is TERMNL2.

Finally, for most general views there is a *summary view*. Summary views contain information about multiple resources that has been summarized by CICS system or some other grouping factor. An *S* is appended to the view name to indicate a summary view. So, for example, the summary view for TERMNL is TERMNLS.

Most operations views have a corresponding monitor view that presents monitor data about the same type of resource, provided it is being monitored. The name of each monitor view is the name of the corresponding operations view with an *M* preceding it. For example, the general monitor view for terminals is MTERMNL.

Table 2 summarizes the view naming conventions using the TERMNL view as an example.

Table 2. Summary of CICSplex SM view naming conventions

Type of view	How the name is formed	Example name
General view	Based on the resource being presented	TERMNL
Detailed view (first)	Add a D to the end of the general view name	TERMNLD
Detailed view (subsequent)	Add a number to the end of the general view name	TERMNL2
Summary view	Add an S to the end of the general view name	TERMNLS
Corresponding monitor view	Add an M to the beginning of the general view name	MTERMNL

---

## Availability for CICS releases

For information about the availability of CICS platforms and releases, see “CICS system connectivity” on page x. However, some views, action commands, or overtyping fields are not available for all of the supported CICS releases. In this book, an Availability section in the discussion of each operations view identifies the CICS releases for which the view is generally available. In addition, the Action commands section in the discussion of each of these views specifies action commands and overtyping fields for which availability is more limited. The online help for views, action commands, and overtyping fields also provides availability information.

When you display a view and your CICSplex includes systems running a release of CICS for which that view is not available, those systems are not included in the view. When you issue a view command and your CICSplex consists solely of systems running a release of CICS that is not available, the following message is displayed:

```
BBMXBD15I      There is no data that satisfies your request.
```

When you issue an action command or overtype a field that is not available for the release of CICS on which your CICS system is running, the following message is displayed:

```
EYUEI0596E      Action 'action name' for 'sysname' not supported for
                  this release of CICS
```

where:

**action name**

is the action command or the field name of the overtype you attempted.

**sysname**

is the CICS system for which you made the attempt.

---

## Summary of operations views

Table 3 identifies the operations views, gives a brief description of the information shown in the views and indicates where each view is discussed.

**Note:** Although the views are presented alphabetically within resource type in this book, you do not have to access the views in any particular order.

*Table 3. The operations views*

View	Displays	Page
AIMODEL	General view of the autoinstall terminal models	322
AIMODELS	Summary view of the autoinstall terminal models	324
CFDTPOOL	General view of files that have coupling facility data tables associated with them	114
CFDTPOOS	Summary view of files that have coupling facility data tables associated with them	115
CICSDSA	General view of dynamic storage areas (DSAs) within CICS systems	215
CICSDSAD	Detailed view of DSAs within a specific CICS system	217
CICSDSAS	Summary view of DSAs within CICS systems	219
CICSRGN	General view of CICS systems	220
CICSRGND	Detailed view of a specific CICS system	226
CICSRGNS	Summary view of CICS systems	230
CICSRGN2	Detailed view of trace, dump, monitor, and statistics settings for a specific CICS system	233
CICSRGN3	Detailed view of the tasks on a specific CICS system	237
CICSRGN4	Detailed view of the tasks on a specific CICS system	237
CMDT	General view of files that have CICS- or user-maintained data tables associated with them	116
CMDTD	Detailed view of a specific file that has a CICS- or user-maintained data table associated with it	119

## summary of operations views

Table 3. The operations views (continued)

View	Displays	Page
CMDTS	Summary view of files that have CICS- and user-maintained data tables associated with them	122
CMDT2	Detailed view of a data table associated with a data table file.	124
CMDT3	Detailed view of statistics associated with a data table file.	126
CONNECT	General view of ISC and MRO connections	18
CONNECTD	Detailed view of a specific ISC or MRO connection	22
CONNECTS	Summary view of ISC and MRO connections	25
DBCTLSS	General view of DBCTL subsystems	45
DBCTLSSS	Summary view of DBCTL subsystems	46
DB2CONN	A general view of DB2 connections	49
DB2CONND	A detailed view of a DB2 connection	51
DB2CONNS	A summary view of DB2 connections	55
DB2NTRY	A general view of DB2 entries	56
DB2NTRYD	A detailed view of a DB2 entry	58
DB2NTRYs	A summary view of DB2 entries	61
DB2SS	General view of DB2 subsystems	47
DB2SSS	Summary view of DB2 subsystems	48
DB2THRD	General view of DB2 threads in use	62
DB2THRDD	Detailed view of a specific DB2 thread in use	64
DB2THRDS	Summary view of DB2 threads in use	65
DB2TRAN	General view of DB2 transactions sharing DB2 threads in use	66
DB2TRANS	Summary view of DB2 transactions sharing DB2 threads in use	68
DB2TRN	A general view of DB2 transactions	69
DB2TRNS	A summary view of DB2 transactions	70
DOCTEMP	General view of the document templates	38
DOCTEMPD	Detailed view of a document template	40
DOCTEMPS	Summary view of document templates	42
DSKJRNL	General view of disk journals	163
DSKJRNLd	Detailed view of a specific disk journal	165
DSKJRNLs	Summary view of disk journals	167
DSNAME	General view of data sets associated with installed CICS files	128
DSNAMEd	Detailed view of a specific data set associated with installed CICS files	132
DSNAMEs	Summary view of data sets associated with installed CICS files	135
ENQMDL	General view of global enqueue models.	72
ENQMDLD	Detailed view of a single global enqueue model.	74
ENQMDLS	Summary view of global enqueue models.	76
EXITGLUE	General view of CICS/ESA global user exits	80
EXITGLUS	Summary view of CICS/ESA global user exits	81
EXITTRUD	Detailed view of a CICS/ESA task-related user exit program	82
EXITTRUE	General view of CICS/ESA task-related user exits	83



Table 3. The operations views (continued)

View	Displays	Page
EXITTRUS	Summary view of CICS/ESA task-related user exits	84
EXTRATDD	Detailed view of a specific extrapartition transient data queue	359
EXTRATDQ	General view of extrapartition transient data queues	361
EXTRATDS	Summary view of extrapartition transient data queues	364
FECONN	General view of FEPI connections	86
FECONND	Detailed view of a single FEPI connection	88
FECONNS	Summary view of FEPI connections	90
FENODE	General view of FEPI nodes	91
FENODED	Detailed view of a single FEPI node	93
FENODES	Summary view of FEPI nodes	95
FEPOOL	General view of FEPI pools	96
FEPOOLD	Detailed view of a single FEPI pool	99
FEPOOLS	Summary view of FEPI pools	101
FEPROP	General view of FEPI property sets	102
FEPROPD	Detailed view of a single FEPI property set	104
FEPROPS	Summary view of FEPI property sets	105
FETRGT	General view of FEPI targets	106
FETRGTD	Detailed view of a single FEPI target	108
FETRGTs	Summary view of FEPI targets	110
FILE	General view of all CICS files and data tables	138
FILED	Detailed view of a CICS file or data table	140
FILES	Summary view of all CICS files and data tables	141
INDTDQ	General view of indirect transient data queues	366
INDTDQD	Detailed view of a specific indirect transient data queue	368
INDTDQS	Summary view of indirect transient data queues	370
INTRATDD	Detailed view of a specific intrapartition transient data queue	371
INTRATDQ	General view of intrapartition transient data queues	373
INTRATDS	Summary view of intrapartition transient data queues	376
JOURNAL	General view of all CICS journals	169
JOURNALS	Summary view of all CICS journals	170
JRNLMODL	General view of journal models	171
JRNLMODS	Summary view of journal models	172
JRNLNAM	General view of the status of the system log and general logs	175
JRNLNAMS	Summary view of the status of the system log and general logs	177
LOCFILE	General view of local CICS files	142
LOCFILED	Detailed view of a specific local CICS file	145
LOCFILES	Summary view of local CICS files	148
LOCTRAN	General view of local CICS transactions	336
LOCTRAND	Detailed view of a specific local CICS transaction	339
LOCTRANS	Summary view of local CICS transactions	342

## summary of operations views

Table 3. The operations views (continued)

View	Displays	Page
LSRPBUD	Detailed view of buffer usage for LSR pools	150
LSRPBUF	General view of buffer usage for LSR pools	151
LSRPBUS	Summary view of buffer usage for LSR pools	152
LSRPOOD	Detailed view of a specific LSR pool	153
LSRPOOL	General view of LSR pools	154
LSRPOOS	Summary view of LSR pools	155
MODENAME	General view of LU 6.2 modenames	28
MODENAMS	Summary view of LU 6.2 modenames	30
PARTNER	General view of partner tables	31
PARTNERS	Summary view of partner tables	32
I PROCTYP	General view of process types	10
I PROCTYPD	Detailed view of a selected process type	12
I PROCTYPS	Summary view of process types	14
PROFILE	General view of installed profiles	33
PROFILES	Summary view of installed profiles	35
PROGRAM	General view of programs	200
PROGRAMD	Detailed view of a specific program	203
I PROGRAMJ	Detailed view of the JVM Class value for the program.	207
PROGRAMS	Summary view of programs	207
QUEUE	General view of all types of CICS transient data queues	378
QUEUES	Summary view of all types of CICS transient data queues	380
REMFIL	General view of remote CICS files	156
REMFILED	Detailed view of a specific remote CICS file	158
REMFILES	Summary view of remote CICS files	159
REMTDQ	General view of remote transient data queues	381
REMTDQD	Detailed view of a specific remote transient data queue	383
REMTDQS	Summary view of remote transient data queues	384
REMTRAN	General view of remote CICS transactions	344
REMTRAND	Detailed view of a specific remote CICS transaction	346
REMTRANS	Summary view of remote CICS transactions	348
REQID	General view of outstanding timed requests	264
REQIDD	Detailed view of a specific outstanding timed request	265
REQIDS	Summary view of outstanding timed requests	266
RPLLIST	General view of the relocatable program library (DFHRPL) data sets for each CICS system	209
RPLLISTD	Detailed view of the DFHRPL data sets for a specific CICS system	211
RPLLISTS	Summary view of the DFHRPL data sets for each CICS system	211
I RQMODEL	General view of request models.	352
I RQMODEL D	Detailed view of a specific request model.	354
I RQMODELS	Summary view of request models.	355

Table 3. The operations views (continued)

View	Displays	Page
SMFJRNL	General view of SMF journals	179
SMFJRNL D	Detailed view of a specific SMF journal	180
SMFJRNL S	Summary view of SMF journals	181
STREAMNM	General view of a currently connected MVS log stream	183
STREAMNS	Summary view of a currently connected MVS log stream	184
SYSDUMP	General view of system dump codes associated with CICS systems	243
SYSDUMPD	Detailed view of a system dump code associated with a CICS system	246
SYSDUMPS	Summary view of system dump codes associated with CICS systems	248
TAPJRNL	General view of tape journals	185
TAPJRNL D	Detailed view of a specific tape journal	187
TAPJRNL S	Summary view of tape journals	189
TASK	General view of currently executing tasks	267
TASKD	Detailed view of a specific currently executing task	270
TASKS	Summary view of currently executing tasks	273
TASK2	Detailed view of a specific task	274
TASK3	Detailed view of the first program invoked for a specific task	276
TASK4	Detailed view of information about request counts.	279
TASK5	Detailed view of information about storage usage.	281
TASK6	Detailed view of information about communication requests.	283
TASK7	Detailed view of statistical information on CICS BTS requests.	285
TASK8	Detailed view of statistical information on the usage of TCP/IP services and activities.	287
TASK9	Detailed view of statistical information on the usage of TCBs and associated CPU/dispatch times.	289
TCPIPS	General view of the TCP/IP service descriptions	292
TCPIPSD	Detailed view of a TCP/IP service description	294
TCPIPSS	Summary view of TCP/IP service descriptions	296
TDQGBL	General view of intrapartition transient data queue usage	385
TDQGBL D	Detailed view of intrapartition transient data queue usage in a specific CICS system	386
TDQGBL S	Summary view of intrapartition transient data queue usage	387
TERMNL	General view of terminals	325
TERMNL D	Detailed view of the execution settings for a specific terminal	328
TERMNL S	Summary view of terminals	331
TERMNL2	Detailed view of the definition settings for a specific terminal	333
TRAN	General view of all CICS transactions	349
TRANDUMD	Detailed view of a transaction dump code associated with a CICS system	250
TRANDUMP	General view of transaction dump codes associated with CICS systems	252
TRANDUMS	Summary view of transaction dump codes associated with CICS systems	255

## summary of operations views

Table 3. The operations views (continued)

View	Displays	Page
TRANS	Summary view of all CICS transactions	351
TRNCLS	General view of the transaction classes for CICS systems	257
TRNCLSD	Detailed view of the transaction classes for a specific CICS system	259
TRNCLSS	Summary view of the transaction classes for CICS systems	261
TSMODEL	General view of temporary storage queue models	300
TSMODELD	Detailed view of a temporary storage queue model	302
TSMODELS	Summary view of temporary storage queue models	302
TSPOOL	General view of temporary storage shared pools	304
TSQ	General view of temporary storage queues	305
TSQD	Detailed view of a specific temporary storage queue	307
TSQGBL	General view of temporary storage queue usage	309
TSQGBLD	Detailed view of temporary storage queue usage in a specific CICS system	310
TSQGBLS	Summary view of temporary storage queue usage	311
TSQNAME	General view of non-shared temporary storage queues	302
TSQNAME D	Detailed view of a non-shared temporary storage queue	302
TSQNAME S	Summary view of non-shared temporary storage queues	302
TSQS	Summary view of temporary storage queues	308
TSQSHR	General view of shared temporary storage queues	316
TSQSHRD	Detailed view of shared temporary storage queues	318
TSQSHRS	Summary view of shared temporary storage queues	319
UOWDSNF	General view of shunted units of work	390
UOWDSNFD	Detailed view of a shunted unit of work	391
UOWDSNFS	Summary view of units of work	392
UOWENQ	General view of active and retained enqueues	393
UOWENQD	Detailed view of an enqueue	394
UOWENQS	Summary view of active and retained enqueues	395
UOWLINK	General view of links between units of work and a CICS system or external resource manager	396
UOWLINKD	Detailed view of the connection between a unit of work and a CICS system or external resource manager	397
UOWLINKS	Summary view of connections between a unit of work and CICS systems or external resource managers	398
UOWORK	General view of units of work	399
UOWORKD	Detailed view of a unit of work	401
UOWORKS	Summary view of units of work	403
VOLUME	General view of standard label tape volumes associated with tape journals	191
VOLUMED	Detailed view of a specific tape volume associated with a CICS journal	194
VOLUMES	Summary view of standard label tape volumes associated with tape journals	196

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## Chapter 2. CICS Business Transaction Services

The CICS Business Transaction Services (BTS) views show information about BTS processes and activities within the current context and scope. The BTS operations views are:

**PROCTYP**

A general view of all installed process types and their attributes.

**PROCTYPD**

A detailed view of the selected process type.

**PROCTYPS**

Summary view of all installed process types and their attributes

For details about the availability of BTS views, see the individual view descriptions.

## PROCTYP – CICS BTS process types

The PROCTYP view shows general information about BTS process types and their attributes.

### Availability

The PROCTYP view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

```
PROCTYP [processtype]
```

processname Is the specific or generic name of a currently installed process type.

**Select:** CICSBTS from the OPERATE menu, and PROCTYP from the CICSBTS submenu.

Figure 1 is an example of the PROCTYP view.

```

26MAR1999 15:14:54 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =PROCTYP=====EYUPLX01=EYUPLX01=26MAR1999==15:14:10====CPSM=====1
CMD ProcType CICS  Filename Audit  Audit  Enable
--- Name---- System-- ----- Log   Level  Status
SALES1  EYUMAS1A SLSRGN01      OFF   ENABLED
    
```

Figure 1. The PROCTYP view

### Action commands

Table 4 shows the action commands you can issue from the PROCTYP view. The overtype fields are shown in Table 5 on page 11.

The action commands and overtype fields for the PROCTYP view are available for all managed CICS systems for which PROCTYP is valid, except as noted in Table 4.

Table 4. CMDT view action commands

Primary command	Line command	Description
DISable processtype	DIS	Changes the status of the process type to DISABLED.
DiSCard processtype	DSC	Discards a process type from the CICS system where it is installed.
ENable processtype	ENA	Enables a process type.
n/a	SET	Sets a process type attribute according to the new value you specify in an overtype field (see Table 5). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 4. CMDT view action commands (continued)

Primary command	Line command	Description
<b>Where::</b>		
<b>processtype</b>		
Is the specific or generic name of a process type.		

Table 5. PROCTYP view oertype fields

Field name	Values
Status	ENABLED   DISABLED
Auditlevel	ACTIVITY   FULL   OFF   PROCESS

## Hyperlinks

Table 6 shows the hyperlink fields on the PROCTYP view.

Table 6. PROCTYP view hyperlink fields

Hyperlink field	View displayed	Description
Processtype	PROCTYPD	Detailed view of the specified process type.
File	LOCFILE	General view of local CICS files

**Note:** You can also display the PROCTYPS view by issuing the SUM display command.

## PROCTYPD – CICS BTS process type details

The PROCTYPD view shows detailed information about a process type.

### Availability

The PROCTYPD view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

PROCTYPD processtype CICS system

processtype Is the name of a currently installed process type.

sysname Is the id of the CICS system

**Hyperlink from:**

the Processtype field of a PROCTYP view.

Figure 2 is an example of the PROCTYPD view.

```

26MAR1999 15:14:54 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
>W1 =PROCTYP==PROCTYPD=EYUPLX01=EYUPLX01=26MAR1999==15:14:10====CPSM=====1
CICS System..... EYUMAS1A
Processtype Name SALES

File Name..... SLSRGN01

Audit Log Name..
Audit Level..... OFF

Enable Status... ENABLED
    
```

Figure 2. The PROCTYPD view

### Action commands

Table 7 shows the action commands you can issue from the PROCTYPD view. The overtyp fields are shown in Table 8 on page 13.

The action commands and overtyp fields for the PROCTYPD view are available for all managed CICS systems for which PROCTYPD is valid, except as noted in Table 7 and Table 8 on page 13.

Table 7. PROCTYPD view action commands

Primary command	Line command	Description
DISable	DIS	Changes the status of the process type to DISABLED.
DiSCard	DSC	Discards the process type from the CICS system where it is installed.
ENable	ENA	Enables the process type.



Table 7. PROCTYPD view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a process type attribute according to the new value you specify in an overtype field (see Table 8). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 8. PROCTYPD view overtype fields

Field name	Values
Status	ENABLED   DISABLED
Auditlevel	ACTIVITY   FULL   OFF   PROCESS

## PROCTYPS – CICS BTS process types summary

The PROCTYPS view shows summarized information about BTS process types. PROCTYPS is a summary form of the PROCTYP view.

### Availability

The PROCTYPS view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

PROCTYPS processtype

Where the parameter is the same as that for PROCTYP on page 116.

**Select:** CICSBTS from the OPERATE menu, and PROCTYPS from the CICSBTS submenu.

**Summarize:**

Issue the SUM display command from a PROCTYP or PROCTYPD view. The PROCTYPS view looks like the PROCTYP view shown in Figure 2 on page 12 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 9 shows the action commands you can issue from the PROCTYPS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtyp field is shown in Table 10 on page 15.

The action commands and overtyp fields for the PROCTYPS view are available for all managed CICS systems for which PROCTYPS is valid, except as noted in Table 9.

Table 9. PROCTYPS view action commands

Primary command	Line command	Description
n/a	DIS	Changes the status of the process type to DISABLED.
n/a	DSC	Discards a process type from the CICS system where it is installed.
n/a	ENA	Enables a process type.
n/a	SET	Sets a process type attribute according to the new value you specify in an overtyp field (see Table 10). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtyp a field.

Table 10. PROCTYPS view oertype field

Field name	Values
Status	ENABLED   DISABLED
Auditlevel	ACTIVITY   FULL   OFF   PROCESS

## Hyperlinks

From the PROCTYPS view, you can hyperlink from the Count field to the PROCTYP view to expand a line of summary data. The PROCTYP view includes only those resources that were combined to form the specified summary line.



---

## Chapter 3. Connections

The connections views show information about intersystem communication (ISC) connections, multiple region operation (MRO) connections, and LU 6.2 modenames within the current context and scope.

**Note:** The connections views do not show information about, or let you issue commands against, terminals. For information about a terminal, use the terminal views, described in “Chapter 16. Terminals” on page 321.

The connections operations views are:

**CONNECT**

A general view of ISC and MRO connections

**CONNECTD**

A detailed view of a ISC or MRO connection

**CONNECTS**

A summary view of ISC and MRO connections

**MODENAME**

A general view of LU 6.2 modenames

**MODENAMS**

A summary view of LU 6.2 modenames

**PARTNER**

A general view of partner tables

**PARTNERS**

A summary view of partner tables

**PROFILE**

A general view of profiles

**PROFILES**

A summary view of profiles

For details about the availability of connections views, see the individual view descriptions.

## CONNECT – ISC/MRO connections

The CONNECT view shows general information about ISC and MRO connections. Examples of how to use this view can be found in:

- “Checking the status of a communications link” on page 410
- “Correlating local and remote file names” on page 412
- “Finding out why a CICSplex SM event occurred” on page 414

### Availability

The CONNECT view is available for all managed CICS systems.

### Access

```
# Issue command:
# CONNECT [connection] [netname]
#
# connection Is the specific or generic name of an ISC or MRO connection,
# or * for all connections. If you omit this parameter, the view includes
# information about all connections within the current scope.
#
# netname Is the specific or generic name of a netname, or * for all netnames.
# Use this parameter to find out which connections are associated with
# which netnames.
|
| Select: CONNECT from the OPERATE menu, and CONNECT from the
| CONNECT submenu.
```

Figure 3 is an example of the CONNECT view.

```
26MAR1999 18:20:19 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =CONNECT=====EYUPLX01=EYUPLX01=26MAR1999==18:20:19=CPSM=====10===
CMD Conn CICS Conn Netname Connect Service Pending
--- ID-- System-- Type ----- Status---- Status---- Status----
1A1B EYUMAS1A LU62 EYUMAS1B RELEASED INSERVICE NOTPENDING
1A2A EYUMAS1A MRO EYUMAS2A NOTAPPLIC INSERVICE NOTAPPLIC
1A3A EYUMAS1A MRO EYUMAS3A NOTAPPLIC INSERVICE NOTAPPLIC
2A1A EYUMAS2A MRO EYUMAS1A NOTAPPLIC INSERVICE NOTAPPLIC
2A4A EYUMAS2A MRO EYUMAS4A NOTAPPLIC INSERVICE NOTAPPLIC
3A1A EYUMAS3A MRO EYUMAS1A NOTAPPLIC INSERVICE NOTAPPLIC
3A4A EYUMAS3A MRO EYUMAS4A NOTAPPLIC INSERVICE NOTAPPLIC
4A1B EYUMAS4A LU62 EYUMAS1B RELEASED INSERVICE NOTPENDING
4A2A EYUMAS4A MRO EYUMAS2A NOTAPPLIC INSERVICE NOTAPPLIC
4A3A EYUMAS4A MRO EYUMAS3A NOTAPPLIC INSERVICE NOTAPPLIC
```

Figure 3. The CONNECT view

### Action commands

Table 11 on page 19 shows the action commands you can issue from the CONNECT view. The overtyping fields are shown in Table 12 on page 21.

The action commands and overtyping fields for the CONNECT view are available for all managed CICS systems for which CONNECT is valid, except as noted in Table 11 on page 19.

Table 11. CONNECT view action commands

Primary command	Line command	Description
ACQuire connection sysname	ACQ	Acquires a connection (APPC only).
CANcel connection sysname	CAN	<p>Cancels automatic initiation descriptor (AID) queuing for a connection.</p> <p>CANcel is available for CICS/ESA<sup>®</sup> 4.1 and later systems, and CICS Transaction Server for VSE/ESA<sup>®</sup> Release 1 and later systems.</p>
DiSCard connection sysname	DSC	<p>Discards a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.</p> <p>DiSCard is available for systems running the CICS TS for OS/390.</p>
EndAffinity connection sysname	EAF	<p>Ends a connection's affinity with a VTAM generic resource group. The connection must be out of service and, for APPC, in NORECOVDATA state. (APPC and LU6.1 connections only.)</p> <p>EndAffinity is available for systems running the CICS TS for OS/390.</p>
FORceCANcel connection sysname	FCN	<p>Cancels all automatic initiation descriptor (AID) queuing, including system AID queuing, for a connection.</p> <p>FORceCANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
FORcepurge connection sysname	FOR	Forces transactions associated with a connection to be immediately purged (VTAM only).
INservice connection sysname	IN	Places a connection in service.
NORecovdata connection sysname	NOR	<p>Forces all in-doubt units of work, forgets any outstanding resynchs, and erases the logname previously received from the partner system. This overrides the resynchronization process. (APPC connections only.)</p> <p>NORecovdata is available for systems running the CICS TS for OS/390.</p>
NOTPending connection sysname	NTP	<p>Forces all in-doubt units of work and forgets any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process. (APPC and CICS MRO connections only.)</p> <p>NOTPending is not available for CICS for OS/2 systems.</p>
OUTservice connection sysname	OUT	Takes a connection out of service.

## connections – CONNECT

Table 11. *CONNECT* view action commands (continued)

Primary command	Line command	Description
PURge connection sysname	PUR	Purges normally the transactions associated with a connection (VTAM only). CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. <b>Note:</b> A transaction is not purged if its definition specifies SPURGE=NO.
RELease connection sysname	REL	Releases a connection (APPC only).
n/a	SET	Sets a connection attribute according to the new value you specify in an overtyp field (see Table 12 on page 21). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtyp a field.
UOW connection sysname	UOW	Displays the Set action for Shunted UOWs for Failed Connection input panel (Figure 4), which lets you specify whether a unit of work shunted because of the failure of this connection should be backed out, committed, forced, or resynchronized.  UOW is available for systems running the CICS TS for OS/390.
<b>Where:</b> <b>connection</b> Is the specific or generic name of an ISC or MRO connection <b>sysname</b> Is the specific or generic name of a CICS system		

When you issue the UOW action command from the *CONNECT* view, the Shunted UOWs for Failed Connection input panel appears, as shown in Figure 4.

```

----- Shunted UOWs for Failed Connection -----
COMMAND ==>

Connection Name  CMGJ
Action          ==>          (BACKOUT, COMMIT, FORCE, RESYNC)

Press Enter to process action.
Type END or CANCEL to cancel action.

```

Figure 4. *The Shunted UOWs for Failed Connection input panel*

Specify the action to be taken for a unit of work shunted because of the failure of this connection:

### **BACKOUT**

Specifies that these units of work should be backed out.



**COMMIT**

Specifies that these units of work should be committed.

**FORCE**

Specifies that these units of work should be FORCED to BACKOUT or COMMIT.

**RESYNC**

Specifies that these units of work should be retried (exchange lognames resynchronization for this connection should be attempted).

*Table 12. CONNECT view overtyp fields*

Field name	Values
Connect Status	ACQUIRED   RELEASED (APPC only)
Service Status	INSERVICE   OUTSERVICE

## Hyperlinks

Table 13 shows the hyperlink field on the CONNECT view.

*Table 13. CONNECT view hyperlink field*

Hyperlink field	View displayed	Description
Conn ID	CONNECTD	Detailed view of the specified connection.

**Note:** You can also display the CONNECTS view by issuing the SUM display command.

## CONNECTD – ISC/MRO connection details

The CONNECTD view shows detailed information about an ISC or MRO connection. An example of how to use this view can be found in “Checking the status of a communications link” on page 410.

### Availability

The CONNECTD view is available for all managed CICS systems.

### Access

#### Issue command:

```
CONNECTD connection sysname
```

connection Is the name of an ISC or MRO connection.

sysname Is the name of the CICS system where the connection is located. The CICS system must be within the current scope.

#### Hyperlink from:

the Conn ID field of the CONNECT view.

Figure 5 is an example of the CONNECTD view.

```

26MAR1999 18:20:38 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =CONNECT==CONNECTD=EYUPLX01=EYUPLX01=26MAR1999==10:08:30=CPSM=====1===
Connect ID....      1A1B CICS System...  EYUMAS1A Function Ships
Type.....          LU62 Sys Conn Type.    N/A File Control.      0
Access Method.     VTAM AIDS.....          0 Intvl Control        0
Protocol.....      APPC Max Primaries.      0 Trans Data...       0
Netname.....       EYUMAS1B Max Secondary.    0 Temp Storage.       0
Connect Stat..     RELEASED Max Bids.....      0 DL/I.....           0
Service Stat..    INSERVICE Non Spec Aids.    0 Terminal Share      0
Pending Stat..    NOTPENDING Concurrent Bid    0 Failed Links..      0
Recover Stat..    N/A ATIs By Primry          0 Failed Other..      0
Auto Conn Stat    AUTOCONN ATIs By Scndry      0 # Recv Sess...      N/A
Exit Trace....     NO Bids Sent.....          0 # Send Sess...      N/A
Exchange Stat.    NOTAPPLIC Outstand Alloc     0 XZI Que Rejt..      0
ZCP Trace.....     NO Rejt Ext Alloc          N/A XZI Que Purge.     0
MaxQ Time.....     0 # of Allocates           0 XZIQ Alloc Pur       0
MaxQ Pur Cnt..    0 # Allocates Qd           0 Name of RemConn      N/A
MaxQ Alloc Pur    0 Alloc Qlmt....          0 Name In Rem Sys      N/A
GMT Con Create    N/A GMT Con Delete         N/A TOR NetName....    N/A
Con Create Tme    N/A Con Delete Tim         N/A Generic APPC Nm    N/A
Primaries Used    N/A Secondary Used         N/A Member Name....    N/A
    
```

Figure 5. The CONNECTD view

### Action commands

Table 14 on page 23 shows the action commands you can issue from the CONNECTD view. The overtime fields are shown in Table 15 on page 24.

The action commands and overtime fields for the CONNECTD view are available for all managed CICS systems for which CONNECTD is valid, except as noted in Table 14 on page 23.

Table 14. CONNECTD view action commands

Primary command	Line command	Description
ACQuire	ACQ	Acquires the connection.
CANcel	CAN	<p>Cancels automatic initiation descriptor (AID) queuing for the connection.</p> <p>CANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
DiSCard	DSC	<p>Discards the connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.</p> <p>DiSCard is available for systems running the CICS TS for OS/390.</p>
EndAffinity	EAF	<p>Ends the connection's affinity with a VTAM generic resource group. The connection must be out of service and, for APPC, in NORECOVDATA state. (APPC and LU6.1 connections only.)</p> <p>EndAffinity is available for systems running the CICS TS for OS/390.</p>
FORceCANcel	FCN	<p>Cancels all automatic initiation descriptor (AID) queuing, including system AID queuing, for the connection.</p> <p>FORceCANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
FORcepurge	FOR	Forces transactions associated with the connection to be immediately purged (VTAM only).
INservice	IN	Places the connection in service.
NORecovdata	NOR	<p>Forces all in-doubt units of work, forgets any outstanding resynchs, and erases the logname previously received from the partner system. This overrides the resynchronization process. (APPC connections only.)</p> <p>NORecovdata is available for systems running the CICS TS for OS/390.</p>
NOTPending	NTP	<p>Forces all in-doubt units of work and forgets any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process. (APPC and CICS MRO connections only.)</p> <p>NOTPending is not available for CICS for OS/2 systems.</p>
OUTservice	OUT	Takes the connection out of service.

## connections – CONNECTD

Table 14. CONNECTD view action commands (continued)

Primary command	Line command	Description
PURge	PUR	Purges normally the transactions associated with this connection (VTAM only). CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. <b>Note:</b> A transaction is not purged if its definition specifies SPURGE=NO.
RELease	REL	Releases the connection.
n/a	SET	Sets a connection attribute according to the new value you specify in an overtype field (see Table 15). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
UOW	UOW	Displays the Shunted UOWs for Failed Connection input panel (Figure 4 on page 20), which lets you specify whether a unit of work shunted because of the failure of this connection should be backed out, committed, forced, or resynchronized.  UOW is available for systems running the CICS TS for OS/390.

Table 15. CONNECTD view overtype fields

Field name	Values
Connect Stat	ACQUIRED   RELEASED (APPC only)
Service Stat	INSERVICE   OUTSERVICE
Recover Stat	NORECOVDAT (APPC only) Available for systems running the CICS TS for OS/390.
Exit Trace	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
ZCP Trace	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.

## Hyperlinks

None.

## CONNECTS – ISC/MRO connections summary

The CONNECTS view shows summarized information about ISC and MRO connections. CONNECTS is a summary form of the CONNECT view.

### Availability

The CONNECTS view is available for all managed CICS systems.

### Access

# **Issue command:**  
#           CONNECTS [connection] [netname]  
#           Where the parameters are the same as those for CONNECT on page 18.

| **Select:** CONNECT from the OPERATE menu, and CONNECTS from the  
|           CONNECT submenu.

#### Summarize:

Issue the SUM display command from a CONNECT or CONNECTS view. The CONNECTS view looks like the CONNECT view shown in Figure 3 on page 18 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 16 shows the action commands you can issue from the CONNECTS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype fields are shown in Table 17 on page 27.

The action commands and overtype fields for the CONNECTS view are available for all managed CICS systems for which CONNECTS is valid, except as noted in Table 16.

Table 16. CONNECTS view action commands

Primary command	Line command	Description
n/a	ACQ	Acquires a connection (APPC only).
n/a	CAN	Cancels automatic initiation descriptor (AID) queuing for a connection.  CAN is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	DSC	Discards a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded.  DSC is available for systems running the CICS TS for OS/390.

## connections – CONNECTS

Table 16. *CONNECTS* view action commands (continued)

Primary command	Line command	Description
n/a	EAF	Ends a connection's affinity with a VTAM generic resource group. The connection must be out of service and, for APPC, in NORECOVDATA state. (APPC and LU6.1 connections only.)  EAF is available for systems running the CICS TS for OS/390.
n/a	FCN	Cancels all automatic initiation descriptor (AID) queuing, including system AID queuing, for a connection.  FCN is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	FOR	Forces transactions associated with a connection to be immediately purged (VTAM only).
n/a	IN	Places a connection in service.
n/a	NOR	Forces all in-doubt units of work, forgets any outstanding resynchs, and erases the logname previously received from the partner system. This overrides the resynchronization process. (APPC connections only.)  NOR is available for systems running the CICS TS for OS/390.
n/a	NTP	Forces all in-doubt units of work and forgets any outstanding resynchs created before the initial (or cold) start of the partner system. This overrides the resynchronization process. (APPC and CICS MRO connections only.)  NTP is not available for CICS for OS/2 systems.
n/a	OUT	Takes a connection out of service.
n/a	PUR	Purges normally the transactions associated with a connection (VTAM only). CICS terminates the transactions associated with this connection only if system and data integrity can be maintained. <b>Note:</b> A transaction is not purged if its definition specifies SPURGE=NO.
n/a	REL	Releases a connection (APPC only).
n/a	SET	Sets a connection attribute according to the new value you specify in an overtime field (see Table 17). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtime a field.

Table 16. *CONNECTS* view action commands (continued)

Primary command	Line command	Description
n/a	UOW	Displays the Shunted UOWs for Failed Connection input panel (Figure 4 on page 20), which lets you specify whether a unit of work shunted because of the failure of this connection should be backed out, committed, forced, or resynchronized.  UOW is available for systems running the CICS TS for OS/390.

Table 17. *CONNECTS* view overwrite fields

Field name	Values
Connect Status	ACQUIRED   RELEASED (APPC only)
Service Status	INSERVICE   OUTSERVICE

## Hyperlinks

From the *CONNECTS* view, you can hyperlink from the Count field to the *CONNECT* view to expand a line of summary data. The *CONNECT* view includes only those resources that were combined to form the specified summary line.

## MODENAME – LU6.2 modenames

The MODENAME view shows general information about LU 6.2 modenames.

### Availability

The MODENAME view is available for all managed CICS systems except CICS for OS/2 2.0.1.

### Access

**Issue command:**

```
MODENAME [modename [connection]]
```

modename Is a specific or generic LU 6.2 modename or \* for all modenames.

connection Is the specific or generic name of an ISC connection. Use this parameter to find out what modenames are associated with what connections.

If you do not specify parameters, the view includes information about all modenames within the current scope.

**Select:** CONNECT from the OPERATE menu, and MODENAME from the CONNECT submenu.

Figure 6 is an example of the MODENAME view.

```

26MAR1999 19:27:21 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =MODENAME=====EYUPLX01=EYUPLX01=26MAR1999==19:27:21=CPSM=====4===
CMD Mode   CICS    Conn Actv Avail Max  Max  Auto    Connect
--- Name--- System-- Name Sess- Sess- Sess- Wins- Connect---- Status--
          EYUMAS1A 1A1B   0    0    8    4  AUTOCONN  RELEASED
          EYUMAS4A 4A1B   0    0    8    4  AUTOCONN  RELEASED
SNASVCMG EYUMAS1A 1A1B   0    0    2    1  NONAUTOCONN  RELEASED
SNASVCMG EYUMAS4A 4A1B   0    0    2    1  NONAUTOCONN  RELEASED
    
```

Figure 6. The MODENAME view

### Action commands

Table 18 shows the action commands you can issue from the MODENAME view. The ovrtype field is shown in Table 19 on page 29.

Table 18. MODENAME view action commands

Primary command	Line command	Description
ACQuire modename connection sysname	ACQ	Causes additional sessions associated with the modename to be acquired, if the number of available sessions is increased. To increase the number of available sessions, use the SET action command and ovrtype the value in the Avail Sess field.
CLS modename connection sysname	CLS	Sets the available sessions value to 0. The connected system is prevented from acquiring any sessions.



Table 18. MODENAME view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a modename attribute according to the new value you specify in an overwrite field (see Table 19). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overwrite a field.
<p><b>Where:</b></p> <p><b>modename</b> Is a specific or generic LU 6.2 modename.</p> <p><b>connection</b> Is the specific or generic name of an ISC connection.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p> <p>When the Mode Name field is blank (because no modename was defined for the connection), you must use the line action commands. The primary action commands are not valid because there is no modename to specify as a parameter.</p>		

Table 19. MODENAME view overwrite field

Field name	Values
Avail Sess	0–maximum defined for the modename Cannot be modified for CICS for OS/2 3.0 and later systems.

## Hyperlinks

None.

**Note:** You can display the MODENAMS view by issuing the SUM display command.

## MODENAMS – LU6.2 modenames summary

The MODENAMS view shows summarized information about LU 6.2 modenames. MODENAMS is a summary form of the MODENAME view.

### Availability

The MODENAMS view is available for all managed CICS systems except CICS for OS/2 2.0.1.

### Access

**Issue command:**

MODENAMS [modename [connection]]

Where the parameters are the same as those for MODENAME on page 28.

**Select:** CONNECT from the OPERATE menu, and MODENAMS from the CONNECT submenu.

**Summarize:**

Issue the SUM display command from a MODENAME or MODENAMS view.

The MODENAMS view looks like the MODENAME view shown in Figure 6 on page 28 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 20 shows the action commands you can issue from the MODENAMS view. These action commands affect all of the resources that were combined to form the summary line of data.

Table 20. MODENAMS view action commands

Primary command	Line command	Description
n/a	ACQ	Causes additional sessions associated with the modename to be acquired, if the number of available sessions is increased. To increase the number of available sessions, use the SET action command and overwrite the value in the Avail Sess field.
n/a	CLS	Sets the available sessions value to 0. The connected system is prevented from acquiring any sessions.

### Hyperlinks

From the MODENAMS view, you can hyperlink from the Count field to the MODENAME view to expand a line of summary data. The MODENAME view includes only those resources that were combined to form the specified summary line.

## PARTNER – CICS partners

The PARTNER view shows general information about currently installed partner tables.

### Availability

The PARTNER view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
PARTNER [partner-table]
```

partner-table Is the specific or generic name of a currently installed partner table. If you omit this parameter, the view includes information about all partner tables within the current scope.

**Select:** CONNECT from the OPERATE menu, and PARTNER from the CONNECT submenu.

Figure 7 is an example of the PARTNER view.

```

26MAR1999 19:39:07 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
>W1 =PARTNER=====EYUPLX01=EYUPLX01=26MAR1999==19:39:07=CPSM=====1===
CMD Partner CICS   NetName Network Profile TPName
--- Name---- System-- -----
      EYUPART1 EYUMAS1A EYUMAS2A          DFHCICSA TEST

```

Figure 7. The PARTNER view

### Action commands

Table 21 shows the action command you can issue from the PARTNER view.

Table 21. PARTNER view action commands

Primary command	Line command	Description
DiSCard partner-table sysname	DSC	Discards a partner table from the CICS system where it is installed.
<b>Where:</b> <b>partner-table</b> Is the name of a specific partner table. <b>sysname</b> Is the specific or generic name of a CICS system.		

### Hyperlinks

None.

**Note:** You can display the PARTNERS view by issuing the SUM display command.

## PARTNERS – CICS partners summary

The PARTNERS view shows summarized information about currently installed partner tables. PARTNERS is a summary form of the PARTNER view.

### Availability

The PARTNERS view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

PARTNERS [partner-table]

Where the parameters are the same as those for PARTNER on page 31.

**Select:** CONNECT from the OPERATE menu, and PARTNERS from the CONNECT submenu.

**Summarize:**

Issue the SUM display command from a PARTNER or PARTNERS view. The PARTNERS view looks like the PARTNER view shown in Figure 7 on page 31 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 22 shows the action commands you can issue from the PARTNERS view. This action command affects all of the resources that were combined to form the summary line of data.

Table 22. PARTNERS view action commands

Primary command	Line command	Description
n/a	DSC	Discards a partner table from the CICS system where it is installed.

### Hyperlinks

None.

## PROFILE – CICS profiles

The PROFILE view shows general information about currently installed profiles.

### Availability

The PROFILE view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
PROFILE [profile]
```

`profile` Is the specific or generic name of a currently installed profile. If you omit this parameter, the view includes information about all profiles within the current scope.

**Select:** CONNECT from the OPERATE menu, and PROFILE from the CONNECT submenu.

Figure 8 is an example of the PROFILE view.

```

26MAR1999 19:49:33 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =PROFILE=====EYUPLX01=EYUPLX01=26MAR1999==19:49:33=CPSM=====32===
CMD Profile CICS
--- Name---- System--
DFHCICSA EYUMAS1A
DFHCICSA EYUMAS2A
DFHCICSA EYUMAS3A
DFHCICSA EYUMAS4A
DFHCICSE EYUMAS1A
DFHCICSE EYUMAS2A
DFHCICSE EYUMAS3A
DFHCICSE EYUMAS4A
DFHCICSF EYUMAS1A
DFHCICSF EYUMAS2A
DFHCICSF EYUMAS3A
DFHCICSF EYUMAS4A

```

Figure 8. The PROFILE view

### Action commands

Table 23 shows the action command you can issue from the PROFILE view.

Table 23. PROFILE view action commands

Primary command	Line command	Description
DiSCard profile sysname	DSC	Discards a profile from the CICS system where it is installed.
<b>Where:</b> <b>profile</b> Is the name of a specific profile. <b>sysname</b> Is the specific or generic name of a CICS system.		

## connections – PROFILE

### Hyperlinks

None.

**Note:** You can display the PROFILES view by issuing the SUM display command.

## PROFILES – CICS profiles summary

The PROFILES view shows summarized information about currently installed profiles. PROFILES is a summary form of the PROFILE view.

### Availability

The PROFILES view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

PROFILES [profile]

Where the parameters are the same as those for PROFILE on page 33.

**Select:** CONNECT from the OPERATE menu, and PROFILES from the CONNECT submenu.

**Summarize:**

Issue the SUM display command from a PROFILE or PROFILES view. The PROFILES view looks like the PROFILE view shown in Figure 8 on page 33 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 24 shows the action command you can issue from the PROFILES view. This action command affects all of the resources that were combined to form the summary line of data.

Table 24. PROFILES view action commands

Primary command	Line command	Description
n/a	DSC	Discards a profile from the CICS system where it is installed.

### Hyperlinks

None.

## connections – PROFILES



---

## Chapter 4. Document templates

The document template views show information about document templates within the current context and scope.

The document template operations views are:

**DOCTEMP**

A general view of document templates

**DOCTEMPD**

A detailed view of a document template

**DOCTEMPS**

A summary view of document templates

For details about the availability of document template views, see the individual view descriptions.

## DOCTEMP – Document templates

The DOCTEMP view shows general information about currently installed document templates.

### Availability

The DOCTEMP view is available for all managed CICS systems at CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

```
DOCTEMP [template ]
```

template Is the specific or generic name of a currently installed document template, or \* for all document templates. If you omit this parameter, the view includes information about all document template descriptions within the current scope.

**Select:** DOCTEMP from the OPERATE menu, and DOCTEMP from the DOCTEMP submenu.

Figure 9 is an example of the DOCTEMP view.

```

26MAR1999 12:05:22 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 2           ALT WIN ==>
W1 =DOCTEMP=====EYUPLX01=EYUPLX01=26MAR1999==11:56:11====CPSM=====126
CMD Document CICS      Template
--- Template System-- Type----
  TEMPL1  CVMGAM1  EXIT
  TEMPL1  CVMGAM3  EXIT
    
```

Figure 9. The DOCTEMP view

### Action commands

Table 25 shows the action command you can issue from the DOCTEMP view.

The action command for the DOCTEMP view is available for all managed CICS systems for which DOCTEMP is valid.

Table 25. DOCTEMP view action command

Primary command	Line command	Description
DiSCard template sysname	DSC	Discards a document template from the CICS system where it is installed.

## Hyperlinks

Table 26 shows the hyperlink field on the DOCTEMP view.

*Table 26. DOCTEMP view hyperlink field*

Hyperlink field	View displayed	Description
Document Template	DOCTEMPD	Detailed view of the specified document template.

**Note:** You can also display the DOCTEMPS view by issuing the SUM display command.

## DOCTEMP – Document template details

The DOCTEMP view shows detailed information about a currently installed document template.

### Availability

The DOCTEMP view is available for all managed CICS systems at CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

```
DOCTEMP template sysname
```

template Is the name of a currently installed document template.

sysname Is the name of the CICS system where the document template is installed. The CICS system must be within the current scope.

**Hyperlink from:**

the Template Name field of the DOCTEMP view.

Figure 10 is an example of the DOCTEMP view.

```

26MAR1999 12:11:34 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 2      ALT WIN ==>
>W1 =DOCTEMP==DOCTEMP=EYUPLX01=EYUPLX01=26MAR1999==12:11:33====CPSM=====
CICS System..... CVMGAM1
Document Template      TEMPLT1
Template Type....      EXIT
Template Name....      TESTTMP
File Name.....
TSqueue Name.....
TDqueue Name.....
Exit Program.....      URM1
Program Name.....
DDname.....
Member.....
Dataset Name.....
Type of Document.      EBCDIC
Append CRLF.....      YES
    
```

Figure 10. The DOCTEMP view

### Action commands

Table 27 shows the action commands you can issue from the DOCTEMP view.

The action command for the DOCTEMP view is available for all managed CICS systems for which DOCTEMP is valid.

Table 27. DOCTEMP view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards a document template from the CICS system where it is installed.

| **Hyperlinks**

| None

## DOCTEMPS – Document templates summary

The DOCTEMPS view shows summarized information about currently installed document templates. DOCTEMPS is a summary form of the DOCTEMP view.

### Availability

The DOCTEMPS view is available for all managed CICS systems at CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

DOCTEMPS [template ]

Where the parameters are the same as those for DOCTEMP on page 38.

**Select:** DOCTEMP from the OPERATE menu, and DOCTEMPS from the DOCTEMP submenu.

**Summarize:**

Issue the SUM display command from a DOCTEMP or DOCTEMPS view. The DOCTEMPS view looks like the DOCTEMP view shown in Figure 9 on page 38 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 28 shows the action commands you can issue from the DOCTEMPS view. These action commands affect all of the resources that were combined to form the summary line of data.

The action command for the DOCTEMPS view is available for all managed CICS systems for which DOCTEMPS is valid.

*Table 28. DOCTEMPS view action command*

Primary command	Line command	Description
n/a	DSC	Discards a document template from the CICS system where it is installed.

### Hyperlinks

From the DOCTEMPS view, you can hyperlink from the Count field to the DOCTEMP view to expand a line of summary data. The DOCTEMP view includes only those resources that were combined to form the specified summary line.

---

## Chapter 5. DB2 and DBCTL

The DB2<sup>®</sup> and DBCTL views show information about DB2 and DBCTL subsystems and DB2 threads within the current context and scope.

The DB2 and DBCTL operations views are:

**DBCTLSS**

A general view of DBCTL subsystems

**DBCTLSSS**

A summary view of DBCTL subsystems

**DB2CONN**

A general view of DB2 connections

**DB2CONND**

A detailed view of a DB2 connection

**DB2CONNS**

A summary view of DB2 connections

**DB2NTRY**

A general view of DB2 entries

**DB2NTRYD**

A detailed view of a DB2 entry

**DB2NTRYS**

A summary view of DB2 entries

A summary view of DBCTL subsystems

**DB2SS**

A general view of DB2 subsystems

**DB2SSS**

A summary view of DB2 subsystems

**DB2THRD**

A general view of DB2 threads in use

**DB2THRDD**

A detailed view of a DB2 thread

**DB2THRDS**

A summary view of DB2 threads in use

**DB2TRAN**

A general view of DB2 threads in use, correlating DB2 threads with CICS transaction IDs

**DB2TRANS**

A summary view of DB2 threads in use, correlating DB2 threads with CICS transaction IDs

**DB2TRN**

A general view of DB2 transactions (DB2TDEF)

**DB2TRNS**

A summary view of DB2 transactions

## **DB2 and DBCTL**

For details about the availability of DB2 and DBCTL views, see the individual view descriptions.



## DBCTLSS – DBCTL subsystems

The DBCTLSS view shows general information about DBCTL subsystems.

### Availability

The DBCTLSS view is available for CICS/ESA 3.3 and later systems.

### Access

#### Issue command:

```
DBCTLSS [dbctl sys [cpu]]
```

`dbctl sys` Is the specific or generic name of a DBCTL subsystem or \* for all subsystems.

`cpu` Is the specific or generic name of a logical CPU where DBCTL subsystems reside. Use this parameter to determine what subsystems reside on a particular CPU.

If you do not specify parameters, the view includes information about all DBCTL subsystems within the current scope.

**Select:** DB2 from the OPERATE menu, and DBCTLSS from the DB2 submenu.

Figure 11 is an example of the DBCTLSS view.

```

26MAR1999 10:26:33 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =DBCTLSS=====EYUPLX01=EYUPLX01=26MAR1999==10:26:33=CPSM=====2===
CMD DBCTL MVS  CICS  Current PZP Min      Max
--- ID--- Loc- System-- Status-- Sfx Threads Threads
      MVSA EYUMAS1A INACTIVE A3         0         0
      MVSB EYUMAS1B INACTIVE BB         0         0

```

Figure 11. The DBCTLSS view

### Action commands

None.

### Hyperlinks

None.

**Note:** You can display the DBCTLSS view by issuing the SUM display command.

### DBCTLSSS – DBCTL subsystems summary

The DBCTLSSS view shows summarized information about DBCTL subsystems. DBCTLSSS is a summary form of the DBCTLSS view.

#### Availability

The DBCTLSSS view is available for CICS/ESA 3.3 and later systems.

#### Access

**Issue command:**

```
DBCTLSSS [dbctlsys [cpu]]
```

Where the parameters are the same as those for DBCTLSS on page 45.

**Select:** DB2 from the OPERATE menu, and DBCTLSSS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DBCTLSS or DBCTLSSS view.

The DBCTLSSS view looks like the DBCTLSS view shown in Figure 11 on page 45 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

#### Action commands

None.

#### Hyperlinks

From the DBCTLSSS view, you can hyperlink from the Count field to the DBCTLSS view to expand a line of summary data. The DBCTLSS view includes only those resources that were combined to form the specified summary line.

## DB2SS – DB2 subsystems

The DB2SS view shows general information about DB2 subsystems.

### Availability

The DB2SS view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

### Access

#### Issue command:

```
DB2SS [db2sys [cpu]]
```

db2sys Is the specific or generic name of a DB2 subsystem or \* for all subsystems.

cpu Is the specific or generic name of a logical CPU where DB2 subsystems reside. Use this parameter to determine what subsystems reside on a particular CPU.

If you do not specify parameters, the view includes information about all DB2 subsystems within the current scope.

**Select:** DB2 from the OPERATE menu, and DB2SS from the DB2 submenu.

Figure 12 is an example of the DB2SS view.

```

26MAR1999 09:25:56 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2SS=====EYUPLX01=EYUPLX01=26MAR1999==09:25:56=CPSM=====2===
CMD DB2  MVS  CICS  DB2  Current  RCT      Current Max
--- ID--  Loc- System-- Rel- Status--- Name---- Threads Threads
   DBH2  MVSA  EYUMAS1A 0310 ACTIVE   DSN2CT00    0    228
   DB2J  MVSB  EYUMAS1B 0310 ACTIVE   DSN2CT00    0    137

```

Figure 12. The DB2SS view

### Action commands

None.

### Hyperlinks

Table 29 shows the hyperlink field on the DB2SS view.

Table 29. DB2SS view hyperlink field

Hyperlink field	View displayed	Description
DB2 ID	DB2THRD	General view of DB2 threads associated with the specified DB2 subsystem.

**Note:** You can also display the DB2SSS view by issuing the SUM display command.

## DB2SSS – DB2 subsystems summary

The DB2SSS view shows summarized information about DB2 subsystems. DB2SSS is a summary form of the DB2SS view.

### Availability

The DB2SSS view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

### Access

**Issue command:**

```
DB2SSS [db2sys [cpu]]
```

Where the parameters are the same as those for DB2SS on page 47.

**Select:** DB2 from the OPERATE menu, and DB2SSS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DB2SS or DB2SSS view.

The DB2SSS view looks like the DB2SS view shown in Figure 12 on page 47 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the DB2SSS view, you can hyperlink from the Count field to the DB2SS view to expand a line of summary data. The DB2SS view includes only those resources that were combined to form the specified summary line.

## DB2CONN – DB2 connections

The DB2CONN view shows information about DB2 connections defined to CICSplex SM via DB2CDEF objects.

### Availability

The DB2CONN view is available for CICS TS for OS/390 Release 2 and later.

### Access

#### Issue command:

```
DB2CONN [db2sys [cpu]]
```

db2sys Is the specific or generic name of a DB2 connection definition, or \* for all DB2 connections.

cpu Is the specific or generic name of a logical CPU where DB2 connections are active. Use this parameter to determine what DB2 connections are active on a particular CPU.

If you do not specify parameters, the view includes information about all DB2 connections within the current scope.

**Select:** DB2 from the OPERATE menu, and DB2CONN from the DB2 submenu.

#### Summarize:

Issue the SUM display command from a DB2CONN or DB2CONNNS view.

Figure 13 is an example of the DB2CONN view.

```

11AUG1997 14:20:44 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2CONN=====EYUPLX01===EYUPLX01===11AUG1997==14:20:44====CPSM====1===
CMD Conname  CICS  DB2   DB2   Connect  TCB Limit  TCBS
---  ----- System-- -ID-   Rel-   Status   No      tcbnum
DJCDEF2 DJ13A0                NOTCONNECTED      12      0

```

Figure 13. The DB2CONN view

### Action commands

Table 30 shows the action commands you can issue from the DB2CONN view.

The action commands for the DB2CONN view are only available for CICS TS for OS/390 Release 2 and later.

The overtime fields are shown in Table 31 on page 50.

Table 30. DB2CONN view action commands

Primary command	Line command	Description
NOTconnect	NOT	Causes disconnection of the CICS/DB2 attachment facility from the DB2 subsystem.

## DB2 – DB2CONN

Table 30. DB2CONN view action commands (continued)

Primary command	Line command	Description
CONNect	CON	Causes a connection to be established between the CICS/DB2 attachment facility and the DB2 subsystem. <b>Note:</b> The shortened form of this command, when issued from the Command line, is CONN, to avoid conflict with the CICSplex SM CONtext command.
DiSCard	DSC	Discards a DB2 connection from the CICS system where it is installed.
REBuild	REB	Forces all existing threads to sign on again at the next thread reuse.

Table 31. DB2CONN view overtyp fields

Field name	Values
DB2 ID	Any valid DB2 subsystem
Connect Status	CONNECTED   NOTCONNECTED
TCBLIMIT	4 - 2000

## Hyperlinks

Table 32 shows the hyperlink field on the DB2CONN view.

Table 32. DB2CONN view hyperlink field

Hyperlink field	View displayed	Description
Conname	DB2CONND	Detailed view of the specified DB2 connection.

**Note:** You can also display the DB2CONNNS view by issuing the SUM display command.

## DB2CONND – DB2 connection details

The DB2CONND view shows detailed information about a DB2 connection.

### Availability

The DB2CONND view is available for CICS TS for OS/390 Release 2 and later.

### Access

#### Issue command:

```
DB2CONND [db2sys [cpu]]
```

db2conn Is a specific target name.

sysname Is the name of the CICS system where the DB2 connection is defined. The CICS system must be within the current scope.

#### Hyperlink from:

the Target Name field of the DB2CONN view.

Figure 14 is an example of the DB2CONND view.

```

20AUG1997 11:43:36 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2CONN=DB2CONND=EYUPLX01===EYUPLX01===20AUG1997==11:43:32====CPSM====1==
  Conname..... DJCDEF1 Authid..... Comauthid...
  CICS System... DJ13A0 Authtype.... USERID Comauthtype. CUSERID
  Connectst.... NOTCONNECTED Accountrec.. NONE Comthreads.. 0
  Connecterror.. SQLCODE DRollback... ROLLBACK Comthreadlim 1
  DB2id..... Planexitname DSNCUEXT
  DB2 Release... Plan.....
  Msgqueue1.... CDB2 Priority... HIGH
  Msgqueue2.... Threads.... 0
  Msgqueue3.... Threadwait.. TWAIT
  Nontermrel... RELEASE Threadlimit. 3
  Purgecyclem.. 0
  Purgecycles... 30
  Signid..... DJ13A0
  Standbymode... RECONNECT
  Statsqueue... CDB2
  TCBS..... 0
  TCB Limit.... 12
  Threaderror... N906D
  DB2 Conn Stats

```

Figure 14. The DB2CONND view

### Action commands

Table 33 shows the action commands you can issue from the DB2CONND view. The overtypable fields are shown in Table 34 on page 52.

Table 33. DB2CONND view action commands

Primary command	Line command	Description
NOTconnect db2conn sysname	NOT	Causes disconnection of the CICS/DB2

## DB2 – DB2CONND

Table 33. DB2CONND view action commands (continued)

Primary command	Line command	Description
CONNect db2conn sysname	CONN	Causes a connection to be established between the CICS/DB2 attachment facility and the DB2 subsystem. <b>Note:</b> The shortened form of this command, when issued from the Command line, is CONN, to avoid conflict with the CICSplex SM CONtext command.
REBuild	REB	Forces all existing threads to sign on again at the next thread reuse.

Table 34. DB2CONND view oertype fields

Field name	Values
ACCOUNTREC	UOW   TASK   TXID   NONE
AUTHID	Any valid alphanumeric character string
AUTHTYPE	GROUP   SIGN   TERM   TX   OPID   USERID
COMAUTHID	Any valid alphanumeric character string
COMAUTHTYPE	CGROUP   CSIGN   CTERM   CTX   COPID   CUSERID
COMTHREADLIM	0 - 2000
CONNECTERROR	SQLCODE   ABEND
CONNECTSTATUS	CONNECTED   NOTCONNECTED
DB2ID	Any valid DB2 subsystem Identifier
DB2RELEASE	A valid DB2 version/release level
DROLLBACK	ROLLBACK   NOROLLBACK
MSGQUEUE1	Any valid TD queue defined to the CICS system
MSGQUEUE2	Any valid TD queue defined to the CICS system
MSGQUEUE3	Any valid TD queue defined to the CICS system
NONTERMREL	RELEASE   NORELEASE
PLAN	Any valid DB2 plan name to be used for all pool threads
PLANEXITNAME	Dynamic plan exit to be used for all pool threads
PRIORITY	LOW   EQUAL   HIGH
PURGECYCLEM	0 - 59
PURGECYCLES	1 - 59
SIGNID	Authorization Id to be used for signing-on to DB2
STANDBYMODE	NOCONNECT   CONNECT   RECONNECT
STATSQUEUE	Any valid TD queue defined to CICS for attachment statistics
TCBLIMIT	4 - 2000
THREADLIMIT	3 - 2000
THREADWAIT	TWAIT   NOTWAIT   N906 for signing-on to DB2
STANDBYMODE	NOCONNECT   CONNECT   RECONNECT
STATSQUEUE	Any valid TD queue defined to CICS for attachment statistics
TCBLIMIT	4 - 2000



Table 34. DB2CONND view overtyping fields (continued)

Field name	Values
THREADLIMIT	3 - 2000
THREADWAIT	TWAIT   NOTWAIT   N906
STANDBYMODE	NOCONNECT   CONNECT   RECONNECT
STATSQUEUE	Any valid TD queue defined to CICS for attachment statistics
TCBLIMIT	4 - 2000
THREADLIMIT	3 - 2000
THREADWAIT	TWAIT   NOTWAIT   N906

## Hyperlinks

Table 32 on page 50 shows the hyperlink field on the DB2CONND view.

Table 35. DB2CONND view hyperlink field

Hyperlink field	View displayed	Description
DB2 Conn Stats	DB2CONN2	Detailed information about the statistics settings for the specific DB2 connection.

## DB2CONN2 – DB2 connection statistics settings

The DB2CONN2 view shows detailed information about the statistics settings for the specific DB2 connection.

### Availability

The DB2CONN2 view is available for CICS TS for OS/390 Release 2 and later.

### Access

#### Hyperlink from:

The DB2 Conn Stats field of the DB2CONND view.

Figure 15 is an example of the DB2CONN2 view.

```

20AUG1997 11:50:34 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2CONN=DB2CONN2=EYUPLX01===EYUPLX01===20AUG1997==11:43:32===CPSM====1==
Conname... DJCDEF1 CICS System... DJ13A0 DB2id.....
Ctime GMT.. 00:00:00 Pool Calls...      0 Comthreadcalls      0
Ctime Local 00:00:00 Pool Sign....      0 Comthrsignon.      0
Dtime GMT.. 00:00:00 Pool Comm....      0 Commthreadterm     0
Dtime Local 00:00:00 Pool Abort....      0 Commthreadover     0
TCB Limit.. 12 Psingle Phase.          0 Comthreadlimit     1
TCBs.....      0 Poolthrd Reuse          0 Comthreads....      0
TCB HWM....      0 Poolthrd Term.          0 Comthread HWM.      0
                                     Poolthrd Wait.          0 TCB Free.....      0
                                     Threadlimit...          3 TCB RQ Current      0
                                     Threads.....          0 TCB RQ HWM....      0
                                     Poolthrd HWM..          0
                                     Ptask Current.          0
                                     Ptask HWM.....          0
                                     Ptask Total...          0
                                     PRQ Current...          0
                                     PRQ HWM.....          0

```

Figure 15. The DB2CONN2 view

### Action commands

Action commands you can issue from the DB2CONN2 view are as described for the DB2CONND view.

There are no overtime fields.

### Hyperlinks

None.

---

## DB2CONNS – DB2 connections summary

The DB2CONNS view shows summarized information about DB2 connections. DB2CONNS is a summary form of the DB2CONN view.

### Availability

The DB2CONNS view is available for CICS TS for OS/390 Release 2 and later.

### Access

**Issue command:**

```
DB2CONNS [db2sys [cpu]]
```

Where the parameters are the same as those for DB2CONN on page 49.

**Select:** DB2 from the OPERATE menu, and DB2CONNS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DB2CONN or DB2CONNS view. The DB2CONNS view looks like the DB2CONN view shown in Figure 13 on page 49 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the DB2CONNS view, you can hyperlink from the Count field to the DB2CONN view to expand a line of summary data. The DB2CONN view includes only those resources that were combined to form the specified summary line.

## DB2NTRY – DB2 entries

The DB2NTRY view shows general information about DB2 entries.

### Availability

The DB2NTRY view is available for CICS TS for OS/390 Release 2 and later.

### Access

**Issue command:**

```
DB2NTRY [db2sys [cpu]]
```

db2sys Is the specific or generic name of a DB2 connection definition, or \* for all DB2 connections.

cpu Is the specific or generic name of a logical CPU where DB2 connections are active. Use this parameter to determine what DB2 connections are active on a particular CPU.

If you do not specify parameters, the view includes information about all DB2 entries within the current scope.

**Select:** DB2 from the OPERATE menu, and DB2NTRY from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DB2NTRY or DB2NTRYIS view.

Figure 16 is an example of the DB2NTRY view.

```

20AUG1997 12:16:03 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2NTRY=====EYUPLX01===EYUPLX01===20AUG1997==12:15:46====CPSM====3==
CMD DB2entry CICS      Enabled  Thread  Thread Thread Plan
----- System--  Status--  Wait--  Limit- -----
djedef1 DJ13A0      ENABLED  TPOOL          0      0
djedef2 DJ13A0      ENABLED  TPOOL          0      0
DJEDEF1 DJ13A0      ENABLED  TPOOL          0      0
    
```

Figure 16. The DB2NTRY view

### Action commands

Table 36 shows the action commands you can issue from the DB2NTRY view.

The action commands for the DB2NTRY view are only available for CICS TS for OS/390 Release 2 and later.

The overtyping fields are shown in Table 37 on page 57.

Table 36. DB2NTRY view action commands

Primary command	Line command	Description
DISABLE db2entry sysname	DIS	Displays the DISABLE OPTIONS input panel, which lets you specify how to handle a DB2 entry if it is still in use.
DiSCard db2entry sysname	DSC	Discards a DB2 entry from the CICS system where it is installed. The DB2 entry must be disabled before the discard is allowed.

Table 36. DB2NTRY view action commands (continued)

Primary command	Line command	Description
ENABLE db2entry sysname	ENA	Enables a DB2 entry.

Table 37. DB2NTRY view overtyping fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Thread Wait	NOTWAIT   TWAIT   TPOOL
Thread Limit	3 - 2000
Plan	Any valid DB2 Plan name

## Hyperlinks

Table 38 shows the hyperlink field on the DB2NTRY view.

Table 38. DB2NTRY view hyperlink field

Hyperlink field	View displayed	Description
DB2ENTRY	DB2NTRYD	Detailed view of the DB2 entry.

**Note:** You can also display the DB2NTRYD view by issuing the SUM display command.

## DB2NTRYD – DB2 entry details

The DB2NTRYD view shows detailed information about a DB2 connection.

### Availability

The DB2NTRYD view is available for CICS TS for OS/390 Release 2 and later.

### Access

**Issue command:**

```
DB2NTRYD [db2sys [cpu]]
```

db2ntry Is a specific target name.

sysname Is the name of the CICS system where the DB2 entry is defined.  
The CICS system must be within the current scope.

**Hyperlink from:**

the Target Name field of the DB2NTRY view.

Figure 17 is an example of the DB2NTRYD view.

```

20AUG1997 12:20:47 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2NTRY==DB2NTRYD=EYUPLX01===EYUPLX01===20AUG1997==12:19:21===CPSM=====1==
DB2entry.....  djedef1 Accountrec.      NONE Protectnum      0
CICS System.... DJ13A0 Authid.....      Pthreads..          0
Enabledstatus.. ENABLED Authtype...      USERID
Disabledact.... POOL DRollback..      ROLLBACK
DB2 entry stats      Plan.....
                          Planexit...  DSNCUEXT
                          Priority...    HIGH
                          Threads...     0
                          Threadlimit   0
                          Threadwait.   TPOOL
    
```

Figure 17. The DB2NTRYD view

### Action commands

Action commands you can issue from the DB2NTRYD view are as described for the DB2NTRY view.

The overtype fields are shown in Table 39.

Table 39. DB2NTRYD view overtype fields

Field name	Values
ACCOUNTREC	UOW   TASK   TXID   NONE
AUTHID	Any valid alphanumeric character string
AUTHTYPE	GROUP   SIGN   TERM   TX   OPID   USERID
DISABLEDACT	ABEND   SQLCODE   POOL
DB2ESTAT	DB2NTRY2
ENABLESTATUS	ENABLED   DISABLED   DISABLING
PLAN	Any valid DB2 plan name to be used for all pool threads
PLANEXITNAME	Dynamic plan exit to be used for all pool threads
PRIORITY	LOW   EQUAL   HIGH
PROTECTNUM	0 - 2000
THREADLIMIT	0 - 2000
PRIORITY	LOW   EQUAL   HIGH
PROTECTNUM	0 - 2000
THREADLIMIT	0 - 2000
THREADWAIT	TWAIT   NOTWAIT   N906

## Hyperlinks

Table 40 shows the hyperlink field on the DB2NTRY view.

Table 40. DB2NTRYD view hyperlink field

Hyperlink field	View displayed	Description
DB2 entry Stats	DB2NTRY2	Provides information regarding the CICS statistics associated with a specific DB2ENTRY.

## DB2NTRY2 – DB2 entry CICS statistics

The DB2NTRY2 view provides specific information regarding the CICS statistics associated with this DB2ENTRY.

### Availability

The DB2NTRY2 view is available for CICS TS for OS/390 Release 2 and later.

### Access

#### Hyperlink from:

The DB2 entry stats field of the DB2NTRYD view.

Figure 17 on page 58 is an example of the DB2NTRY2 view.

```

20AUG1997 12:23:30 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2NTRY==DB2NTRY2=EYUPLX01===EYUPLX01===20AUG1997==12:19:21===CPSM===1==
DB2entry..... djedef1 CICS System.... DJ13A0 Task Current      0
Calls.....      0 Protthrdlimit..      0 Task HWM...      0
Sign-ons.....    0 Protthrdcurrent      0 Task Total..      0
Commits.....     0 Protthread HWM.      0 RQ Current..      0
Aborts.....      0                      RQ HWM.....      0
Single Phase.    0
Thread Reuse.    0
Thread Term..    0
Thread Waits.    0
Threadlimit..    0
Threadcurrent    0
Thread HWM...    0
    
```

Figure 18. The DB2NTRY2 view

### Action commands

Action commands you can issue from the DB2NTRY2 view are as described for the DB2NTRYD view.

There re no overtime fields.

### Hyperlinks

None.



---

## DB2NTRYS – DB2 entries summary

The DB2NTRYS view shows summarized information about DB2 entries. DB2NTRYS is a summary form of the DB2NTRY view.

### Availability

The DB2NTRYS view is available for CICS TS for OS/390 Release 2 and later.

### Access

**Issue command:**

```
DB2NTRYS [db2sys [cpu]]
```

Where the parameters are the same as those for DB2NTRY on page 56.

**Select:** DB2 from the OPERATE menu, and DB2NTRYS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DB2NTRY or DB2NTRYS view.

The DB2NTRYS view looks like the DB2NTRY view shown in Figure 16 on page 56 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the DB2NTRYS view, you can hyperlink from the Count field to the DB2NTRY view to expand a line of summary data. The DB2NTRY view includes only those resources that were combined to form the specified summary line.

## DB2THRD – DB2 threads

The DB2THRD view shows general information about all of the threads defined in the DB2 DSNCRCT table. The threads are listed by initial transaction ID. When a thread is shared by multiple DB2 transactions, the DB2TRAN view shows the names of the sharing transactions.

### Availability

The DB2THRD view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

### Access

**Issue command:**

```
DB2THRD [init-tran [db2plan [db2sys [Active]]]]
```

init-tran Is the specific or generic name of an initial transaction assigned to a DB2 thread or \* for all initial transactions.

db2plan Is the specific or generic name of a DB2 plan. Use this parameter to determine what initial transactions make use of a particular plan.

db2sys Is the specific or generic name of a DB2 subsystem.

Active Limits the view to currently active DB2 threads.

If you do not specify parameters, the view includes information about all DB2 threads in use within the current scope.

**Select:** DB2 from the OPERATE menu, and DB2THRD from the DB2 submenu.

**Hyperlink from:**

the DB2 ID field of the DB2SS view.

Figure 19 is an example of the DB2THRD view.

```

26MAR1999 09:26:18 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2THRD=====EYUPLX01=EYUPLX01=26MAR1999==09:26:18=CPSM=====64=
CMD Initial Plan  DB2  CICS  Other Use  Thread Thread  Current
--- Tran--- Name--- Subsys System-- IDs  Count  Maximum Subtasks Threads
-CMD          DBH2  EYUMAS1A  0    0    2    0    0
-CMD          DB2J  EYUMAS1B  0    0    2    0    0
-POL  DEFAULT DBH2  EYUMAS1A  0    0    3    3    0
-POL  DEFAULT DB2J  EYUMAS1B  0    0    3    3    0
BOK0  TLOK0   DBH2  EYUMAS1A  0    0    5    0    0
BOK0  TLOK0   DB2J  EYUMAS1B  0    0    5    0    0
BOK1  TLOK1   DBH2  EYUMAS1A  0    0    5    0    0
BOK1  TLOK1   DB2J  EYUMAS1B  0    0    5    0    0
    
```

Figure 19. The DB2THRD view

### Action commands

None.

## Hyperlinks

Table 41 shows the hyperlink fields on the DB2THRD view.

*Table 41. DB2THRD view hyperlink fields*

Hyperlink field	View displayed	Description
Initial Tran	DB2THRDD	Detailed view of the specified DB2 thread.
Other IDs	DB2TRAN	General view of the transaction IDs associated with the specified DB2 initial transaction ID.

**Note:** You can also display the DB2THRDS view by issuing the SUM display command.

## DB2THRDD – DB2 thread details

The DB2THRDD view shows detailed information about a DB2 thread.

### Availability

The DB2THRDD view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

### Access

**Issue command:**

```
DB2THRDD init-tran sysname
```

init-tran Is the name of the initial transaction assigned to a DB2 thread.

sysname Is the name of the CICS system where the transaction is located. The CICS system must be within the current scope.

**Hyperlink from:**

the Initial Tran field of the DB2THRD or DB2TRAN view.

Figure 20 is an example of the DB2THRDD view.

```

26MAR1999 09:26:50 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2THRD=DB2THRDD=EYUPLX01=EYUPLX01=26MAR1999==09:26:18=CPSM=====1===
Initial Tranid.    D23X CICS System... EYUMAS1A
Thread.....      Dispatch Mode.    HIGH Use Count.....    3710
Maximum.....      5 Authorization.    SIGNID Thread Waits...    6
Start Subtasks    5 Rollback.....    YES Max Concurr Thd      5
Current.....      0 Plan Name.....    TELEV23 Authorizations.    5
WAIT Option...    YES PLANEXIT Name.    Aborts.....              0
                                DB2 Subsystem.    DB2J Read Only Cmmts    106
    
```

Figure 20. The DB2THRDD view

### Action commands

None.

### Hyperlinks

Table 42 shows the hyperlink field on the DB2THRDD view.

Table 42. DB2THRDD view hyperlink field

Hyperlink field	View displayed	Description
Initial Tranid	DB2TRAN	General view of the transaction IDs associated with this DB2 thread.

---

## DB2THRDS – DB2 threads summary

The DB2THRDS view shows summarized information about threads defined in the DB2 DSNCRCT table. The threads are listed by initial transaction ID. DB2THRDS is a summary form of the DB2THRD view.

### Availability

The DB2THRDS view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

### Access

**Issue command:**

```
DB2THRDS [init-tran [db2plan [Active]]]
```

Where the parameters are the same as those for DB2THRD on page 62.

**Select:** DB2 from the OPERATE menu, and DB2THRDS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DB2THRD or DB2THRDS view.

The DB2THRDS view looks like the DB2THRD view shown in Figure 19 on page 62 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the DB2THRDS view, you can hyperlink from the Count field to

the DB2THRD view to expand a line of summary data. The DB2THRD view includes only those resources that were combined to form the specified summary line.

## DB2TRAN – DB2 transactions

The DB2TRAN view shows general information about the transaction IDs associated with each DB2 thread.

### Availability

The DB2TRAN view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

### Access

**Issue command:**

```
DB2TRAN [init-tran [tran]]
```

*init-tran* Is the specific or generic name of an initial transaction assigned to a DB2 thread or \* for all initial transactions.

*tran* Is the specific or generic name of a transaction (other than the initial transaction) associated with a DB2 thread. Use this parameter to determine what initial transactions are associated with what other transactions.

If you do not specify parameters, the view includes information about all transactions associated with DB2 within the current scope.

**Select:** DB2 from the OPERATE menu, and DB2TRAN from the DB2 submenu.

**Hyperlink from:**

the Other IDs field of the DB2THRD view or the Initial Tranid field of the DB2THRDD view.

Figure 21 is an example of the DB2TRAN view.

```

26MAR1999 09:27:23 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =DB2TRAN=====EYUPLX01=EYUPLX01=26MAR1999==09:27:23=CPSM=====8===
CMD Initial Other CICS
--- Tran-- Tran- System--
D22X      EYUMAS1A
D22X      EYUMAS1B
D22X      D22Y  EYUMAS1A
D22X      D22Y  EYUMAS1B
D22X      D22Z  EYUMAS1A
D22X      D22Z  EYUMAS1B
    
```

Figure 21. The DB2TRAN view

### Action commands

None.

### Hyperlinks

Table 43 shows the hyperlink field on the DB2TRAN view.

Table 43. DB2TRAN view hyperlink field

Hyperlink field	View displayed	Description
Initial Tran	DB2THRDD	Detailed view of the DB2 thread associated with a DB2 transaction.

**Note:** You can also display the DB2TRANS view by issuing the SUM display command.

### DB2TRANS – DB2 transactions summary

The DB2TRANS view shows summarized information about the transaction IDs associated with each DB2 thread. DB2TRANS is a summary form of the DB2TRAN view.

#### Availability

The DB2TRANS view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

#### Access

**Issue command:**

```
DB2TRANS [init-tran [tran]]
```

Where the parameters are the same as those for DB2TRAN on page 66.

**Select:** DB2 from the OPERATE menu, and DB2TRANS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DB2TRAN or DB2TRANS view.

The DB2TRANS view looks like the DB2TRAN view shown in Figure 21 on page 66 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

#### Action commands

None.

#### Hyperlinks

From the DB2TRANS view, you can hyperlink from the Count field to the DB2TRAN view to expand a line of summary data. The DB2TRAN view includes only those resources that were combined to form the specified summary line.



## DB2TRN – DB2 transactions (CICS TS for OS/390 Release 2 and later)

The DB2TRN view shows information about DB2 transactions.

### Availability

The DB2TRN view is available for CICS TS for OS/390 Release 2 and later.

### Access

#### Issue command:

```
DB2TRN [db2sys [cpu]]
```

db2sys Is the specific or generic name of a DB2 transaction definition, or \* for all DB2 transaction definitions.

cpu Is the specific or generic name of a logical CPU where DB2 connections are active. Use this parameter to determine what DB2 connections are active on a particular CPU.

If you do not specify parameters, the view includes information about all DB2 transaction definitions within the current scope.

**Select:** DB2 from the OPERATE menu, and DB2TRN from the DB2 submenu.

#### Summarize:

Issue the SUM display command from a DB2TRN or DB2TRNS view.

Figure 22 is an example of the DB2TRN view.

```

26AUG1997 12:48:30 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =DB2TRN=====EYUPLX01===EYUPLX01===26AUG1997==12:48:25====CPSM====4==
CMD DB2trnid CICS  DB2entry Tran
--- ----- System-----
djtdef1 DJ13A0 DJEDEF1 djtd
djtdef1 DJ13A1 DJEDEF1 djtd
DJTDEF1 DJ13A0 DJEDEF2 ABCD
DJTDEF1 DJ13A1 DJEDEF1 ABCD

```

Figure 22. The DB2TRN view

### Action commands

None.

### Hyperlinks

None.

---

## DB2TRNS – DB2 transactions summary (CICS TS for OS/390 Release 2 and later)

The DB2TRNS view shows summarized information about DB2 transactions. DB2TRNS is a summary form of the DB2TRN view.

### Availability

The DB2TRNS view is available for CICS TS for OS/390 Release 2 and later.

### Access

**Issue command:**

```
DB2TRNS [db2sys [cpu]]
```

Where the parameters are the same as those for DB2TRN on page 69.

**Select:** DB2 from the OPERATE menu, and DB2TRNS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from a DB2TRN or DB2TRNS view.

The DB2TRNS view looks like the DB2TRN view shown in Figure 22 on page 69 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the DB2TRNS view, you can hyperlink from the Count field to the DB2TRN view to expand a line of summary data. The DB2TRN view includes only those resources that were combined to form the specified summary line.

---

## Chapter 6. Enqueue models

The enqueue views show information about enqueue models within the current context and scope. The file operations views are:

**ENQMDL**

A general view of enqueue models.

**ENQMDLD**

A detailed view of an enqueue model.

**ENQMDLS**

A summary view of enqueue models.

For details about the availability of enqueue model views, see the individual view descriptions.

## ENQMDL – Enqueue models

The ENQMDL view shows general information about enqueue models.

### Availability

The ENQMDL view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

```
ENQMDL [enqmodel]
```

enqmodel Is the specific name of a currently installed enqueue model, or \* for all enqueue models.

If you do not specify parameters, the view includes information about all enqueue models within the current scope.

**Select:** ENQUEUE from a menu of OPERATE views and ENQMDL from the ENQUEUE submenu.

Figure 23 is an example of the ENQMDL view.

```

26MAR1999 15:54:26 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =ENQMDL=====EYUPLX01=EYUPLX01=26MAR1999==15:54:26====CPSM=====
CMD Model  CICS   Scope  Enable
--- Name   System Name  Status
ENQMADA1  REGIONA SCOA   DISABLED
ENQMADB1  REGIONB SCOB   ENABLED
ENQMADC1  REGIONC SCOC   DISABLED
ENQMADD1  REGIOND SCOD   ENABLED
ENQMODE1  REGIONE SCOE   ENABLED
ENQMODF1  REGIONF SCOF   ENABLED
ENQMODG1  REGIONG SCOG   ENABLED
ENQMODH1  REGIONH SCOH   ENABLED
    
```

Figure 23. The ENQMDL view

### Action commands

Table 44 shows the action commands you can issue from the ENQMDL view. The overtype field is shown in Table 45 on page 73.

The action commands and overtype fields for the ENQMDL view are available for CICS Transaction Server for OS/390 Release 3 and later.

Table 44. ENQMDL view action commands

Primary command	Line command	Description
DISable enqmodel sysname	DIS	Changes the enqueue model status to DISABLED.
DiSCard enqmodel sysname	DSC	Discards an enqueue model from the CICS system where it is installed. The enqueue model must be disabled before the discard is allowed.

Table 44. ENQMDL view action commands (continued)

Primary command	Line command	Description
ENable enqmodel sysname	ENA	Enables an enqueue model on the system where it is defined. Enqueue models must be enabled in order. See “Installing CICS resources” in <i>CICSplex SM Managing Business Applications</i> for more information.
<b>Where:</b> <b>enqmodel</b> Is the specific name of an enqueue model. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 45. ENQMDL view oertype fields

Field name	Values
Enable Status	ENABLED   DISABLED

## Hyperlinks

Table 46 shows the hyperlink field on the ENQMDL view.

Table 46. ENQMDL view hyperlink field

Hyperlink field	View displayed	Description
Model name	ENQMDLD	Detailed view of the selected enqueue model.

**Note:** You can also display the ENQMDLS view by issuing the SUM display command.



Table 47. ENQMDLD view action commands (continued)

Primary command	Line command	Description
DiSCard enqmodel sysname	DSC	Discards the enqueue model from the CICS system where it is installed. The enqueue model must be disabled before the discard is allowed.
ENABle enqmodel sysname	ENA	Enables the enqueue model entry on the system where it is defined. Enqueue models must be enabled in order. See "Installing CICS resources" in <i>CICSplex SM Managing Business Applications</i> for more information.
<p><b>Where:</b></p> <p><b>enqmodel</b> Is the specific name of an enqueue model.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

Table 48. ENQMDLD view overwrite fields

Field name	Values
Enablestatus	ENABLED   DISABLED

## Hyperlinks

None.

## ENQMDLS – Enqueue models summary

The ENQMDLS view shows summarized information about enqueue models that are defined within the sysplex.

### Availability

The ENQMDLS view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

ENQMDLS [enqmodel ]

Where the parameter is the same as that for ENQMDL on page 72.

**Select:** ENQUEUE from a menu of OPERATE views and ENQMDLS from the ENQUEUE submenu.

**Summarize:**

Issue the SUM display command from a ENQMDL or ENQMDLS view.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 49 shows the action commands you can issue from the ENQMDLS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype field is shown in Table 50.

The action commands and overtype fields for the ENQMDLS view are available for CICS Transaction Server for OS/390 Release 3 and later.

Table 49. ENQMDLS view action commands

Primary command	Line command	Description
n/a	DIS	Changes the enqueue model status to DISABLED.
n/a	DSC	Discards an enqueue model from the CICS system where it is installed. The enqueue model must be disabled before the discard is allowed.
n/a	ENA	Enables an enqueue model entry on the system where it is defined. Enqueue models must be enabled in order. See "Installing CICS resources" in <i>CICSplex SM Managing Business Applications</i> for more information.

Table 50. ENQMDLS view overtype field

Field name	Values
Enabled Status	ENABLED   DISABLED



## Hyperlinks

Table 51 shows the hyperlink field on the ENQMDLS view.

Table 51. ENQMDLS view hyperlink field

Hyperlink field	View displayed	Description
Summary count	ENQMDL	General view of enqueue models available in the sysplex.

## enqueue models – ENQMDLS

---

## Chapter 7. Exits

The exit views show information about global and task-related user exits within the current context and scope.

The exit operations views are:

**EXITGLUE**

A general view of global user exits within a CICS system

**EXITGLUS**

A summary view of global user exits within a CICS system

**EXITTRUE**

A general view of task-related user exits within a CICS system

**EXITTRUD**

A detailed view of a task-related user exit program within a CICS system

**EXITTRUS**

A general view of task-related user exits within a CICS system

For details of the availability of exit views, see the individual view descriptions.

## EXITGLUE – Global user exits

The EXITGLUE view shows general information about installed CICS/ESA global user exits.

### Availability

The EXITGLUE view is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

```
EXITGLUE [exit-program] [exit]
```

`exit-program` Is the specific or generic name of an exit program or \* for all exit programs.

`exit` Is a specific CICS/ESA exit name.

If you do not specify parameters, the view includes information about all installed CICS/ESA global user exits.

**Select:** EXIT from the OPERATE menu, and EXITGLUE from the EXIT submenu.

Figure 25 is an example of the EXITGLUE view.

```

26MAR1999 09:38:43 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1           ALT WIN ==>
W1 =EXITGLUE=====EYUPLX01=EYUPLX01=26MAR1999==09:38:43====CPSM=====3
CMD Program CICS      Exit   Status   Entry   - Global Area -----
--- Name---- System-- --Name-- ----- --Name-- --Owner- -Cnt --Len-
MYEXITLM EYUMAS01 XPCTA   STARTED  EXITABND MYEXITLM 003 32767
MYEXITLM EYUMAS01 XMEOUT  STARTED  EXITPMMSG MYEXITLM 003 32767
MYEXITLM EYUMAS01 XMNOUT  STOPPED  EXITPCMF  MYEXITLM 003 32767
    
```

Figure 25. The EXITGLUE view

### Action commands

None.

### Hyperlinks

Table 52 shows the hyperlink field on the EXITGLUE view.

Table 52. EXITGLUE view hyperlink field

Hyperlink field	View displayed	Description
Program Name	PROGRAMD	Detailed view of the specified program.

**Note:** You can display the EXITGLUS view by issuing the SUM display command.

---

## EXITGLUS – Global user exits summary

The EXITGLUS view shows summarized information about installed CICS/ESA global user exits. The EXITGLUS view is a summary form of the EXITGLUE view.

### Availability

The EXITGLUS view is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

EXITGLUS [exit-program] [exit]

Where the parameters are the same as those for the EXITGLUE view on page 80.

**Select:** EXIT from the OPERATE menu, and EXITGLUS from the EXIT submenu.

**Summarize:**

Issue the SUM display command from an EXITGLUE or EXITGLUS view. The EXITGLUS view looks like the EXITGLUE view shown in Figure 25 on page 80 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the EXITGLUS view, you can hyperlink from the Count field to the EXITGLUE view to expand a line of summary data. The EXITGLUE view includes only those resources that were combined to form the specified summary line.

## EXITTRUD – Task-related user exit details

The EXITTRUD view shows detailed information about an installed CICS/ESA task-related user exit.

### Availability

The EXITTRUD view is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

EXITTRUD [exit-program]

exit-program Is the name of an exit program.

**Hyperlink from:**

the Program Name field of the EXITTRUE view.

Figure 26 is an example of the EXITTRUD view.

```

26MAR1999 16:06:42 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =EXITTRUE==EXITTRUD=EYUPLX01=EYUPLX01=26MAR1999==15:52:56====CPSM=====1
Program Name...    EYU9NXSD
CICS System...    CVMBIT2
Start Status...   STARTED
Entry Name.....  EYU9NXSD
Glbl Owner.....  EYU9NXSD
Glbl Area Cnt..   8
Glbl Area Len..  6256
Loc Area Len...   0
Shut Down Exit.   SHUTDOWN
Task Start.....  NOTASKSTART
Fmt EDF Stat...  NOFORMATEDF
Connect Stat...   N/A
InDoubt Stat...  N/A
SPI Qualifier..   N/A
SPI Enable Stat   N/A
Concurrency Stat  N/A
API Stat.....    N/A
    
```

Figure 26. The EXITTRUD view

### Action commands

None.

### Hyperlinks

Table 53 shows the hyperlink field on the EXITGLUE view.

Table 53. EXITTRUD view hyperlink field

Hyperlink field	View displayed	Description
Program Name	PROGRAMD	Detailed view of the specified program.

## EXITTRUE – Task-related user exits

The EXITTRUE view shows general information about installed CICS/ESA task-related user exits.

### Availability

The EXITTRUE view is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

EXITTRUE [exit-program]

exit-program Is the specific or generic name of an exit program or \* for all exit programs. If you omit this parameter, the view includes information about all installed CICS/ESA task-related user exits.

**Select:** EXIT from the OPERATE menu, and EXITTRUE from the EXIT submenu.

Figure 27 is an example of the EXITTRUE view.

```

26MAR1999 09:38:43 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =EXITTRUE=====EYUPLX01==EYUPLX01=26MAR1999==09:38:43===CPSM=====
CMD Program CICS      Status  Entry  - Global Area ----- Local Shut Task Fmt
--- Name----- System-- ----- --Name-- --Owner- -Cnt -Len- -Len- Down Strt EDF
MYEXITLM EYUMAS01 STARTED  EXITABND MYEXITLM  003 32767 32767  YES  YES  YES
MYEXITLM EYUMAS01 STARTED  EXITMSG MYEXITLM  003 32767 32767  YES  YES  NO
MYEXITLM EYUMAS01 STOPPED  EXITPCMF MYEXITLM  003 32767 32767  YES  YES  YES
    
```

Figure 27. The EXITTRUE view

### Action commands

None.

### Hyperlinks

Table 54 shows the hyperlink field on the EXITTRUE view.

Table 54. EXITTRUE view hyperlink field

Hyperlink field	View displayed	Description
Program Name	EXITTRUD	Detailed view of the task-related user exit.

**Note:** You can display the EXITTRUS view by issuing the SUM display command.

## EXITTRUS – Task-related user exits summary

The EXITTRUS view shows summarized information about installed CICS/ESA task-related user exits. EXITTRUS is a summary form of the EXITTRUE view.

### Availability

The EXITTRUS view is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

EXITTRUS [exit-program]

Where the parameter is the same as those for the EXITTRUE view on page 83.

**Select:** EXIT from the OPERATE menu, and EXITTRUS from the EXIT submenu.

**Summarize:**

Issue the SUM display command from an EXITTRUE or EXITTRUS view. The EXITTRUS view looks like the EXITTRUE view shown in Figure 27 on page 83 with one addition: the Count field. This field appears next to the CICS System field, indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the EXITTRUS view, you can hyperlink from the Count field to the EXITTRUE view to expand a line of summary data. The EXITTRUE view includes only those resources that were combined to form the specified summary line.



---

## Chapter 8. FEPI

The Front-end programming interface (FEPI) views show information about the CICS systems within the current context and scope.

The FEPI operations views are:

**FECONN**

A general view of FEPI connections within CICS systems

**FECONND**

A detailed view of FEPI connections within CICS systems

**FECONNS**

A summary view of FEPI connections within CICS systems

**FENODE**

A general view of FEPI nodes within CICS systems

**FENODED**

A detailed view of FEPI nodes within CICS systems

**FENODES**

A summary view of FEPI nodes within CICS systems

**FEPOOL**

A general view of FEPI pools within CICS systems

**FEPOOLD**

A detailed view of FEPI pools within CICS systems

**FEPOOLS**

A summary view of FEPI pools within CICS systems

**FEPROP**

A general view of FEPI property sets within CICS systems

**FEPROPD**

A detailed view of FEPI property sets within CICS systems

**FEPROPS**

A summary view of FEPI property within CICS systems

**FETRGT**

A general view of FEPI targets within CICS systems

**FETRGTD**

A detailed view of FEPI targets within CICS systems

**FETRGTS**

A summary view of FEPI targets within CICS systems

| For details about the availability of FEPI views, see the individual view  
| descriptions.

## FECONN – FEPI connections

The FECONN view shows general information about installed FEPI connections.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FECONN [feconn] [fenode]

feconn Is a specific or generic target name, or \* for all target connections.

fenode Is a specific or generic node name.

If you do not specify parameters, the view includes information about all FEPI connections.

**Select:** FEPI from the OPERATE menu, and FECONN from the FEPI submenu.

Figure 28 is an example of the FECONN view.

```

26MAR1999 14:49:58 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =FECONN=====EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
CMD Target  CICS   Node   Pool   Install  Service  Acquire
--- Name---- System-- Name---- Name---- Status---- Status---- Status----
1A1BLTRM  EYUMAS1A  EYUMAS1B  POOL1   INSTALLED  INSERVICE  ACQUIRED
1A2ALTRM  EYUMAS1A  EYUMAS2A  POOL2   INSTALLED  INSERVICE  ACQUIRING
1A3ALTRM  EYUMAS1A  EYUMAS3A  POOL3   NOTINSTALL  OUTSERVICE  RELEASED
2A1ALTRM  EYUMAS2A  EYUMAS1A  POOL1   INSTALLED  INSERVICE  RELEASING
2A4ALTRM  EYUMAS2A  EYUMAS4A  POOL2   INSTALLED  INSERVICE  ACQUIRED
3A1ALTRM  EYUMAS3A  EYUMAS1A  POOL2   INSTALLED  INSERVICE  ACQUIRED
3A4ALTRM  EYUMAS3A  EYUMAS4A  POOL3   INSTALLED  INSERVICE  ACQUIRED
    
```

Figure 28. The FECONN view

### Action commands

Table 55 shows the action commands you can issue from the FECONN view. The overtime fields are shown in Table 56 on page 87.

Table 55. FECONN view action commands

Primary command	Line command	Description
ACQuire feconn sysname fenode	ACQ	Acquires a connection.
INService feconn sysname fenode	IN	Places a connection in service.
OUTservice feconn sysname fenode	OUT	Takes a connection out of service.
RELease feconn sysname fenode	REL	Releases a connection.

Table 55. FECONN view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a FEPI connection attribute according to the new value you specify in an overtyping field (see Table 56). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<p><b>Where:</b></p> <p><b>feconn</b> Is the APPLID of a CICS system that is the target of a FEPI logical node or * for all targets.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p> <p><b>fenode</b> Is the specific or generic name of a node.</p>		

Table 56. FECONN view overtyping fields

Field name	Values
Service Status	INSERVICE   OUTSERVICE
Acquire Status	ACQUIRED   RELEASED

## Hyperlinks

Table 57 shows the hyperlink field on the FECONN view.

Table 57. FECONN view hyperlink field

Hyperlink field	View displayed	Description
Target Name	FECONND	Detailed view of the specified connection.

**Note:** You can also display the FECONNS view by issuing the SUM display command.

## FECONND – FEPI connection details

The FECONND view shows detailed information about a FEPI connection in a CICS system.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FECONND feconn sysname fenode

feconn Is a specific target name.

sysname Is the name of the CICS system where the connection is defined. The CICS system must be within the current scope.

fenode Is a specific node name.

**Hyperlink from:**

the Target Name field of the FECONN view.

Figure 29 is an example of the FECONND view.

```

26MAR1999 14:50:05 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =FECONN===FECONND==EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
Target Name... 1A1BLTRM CICS System.. EYUMAS1A User Data
Node Name..... EYUMAS2B Acquires..... 0
Pool Name..... POOL1 Conversations 0
State..... APPLICATIO Conv Waiting. 0
Acquire Status ACQUIRED Unsol Inputs. 0
Service Status INSERVICE Chars Sent... 0
Install Status INSTALLED Chars Recv... 0
REQSESS Sense. 8008 Recv Timeouts 0
Errors..... 0
    
```

Figure 29. The FECONND view

### Action commands

Table 58 shows the action commands you can issue from the FECONND view. The overtime fields are shown in Table 59 on page 89.

Table 58. FECONND view action commands

Primary command	Line command	Description
ACQuire	ACQ	Acquires the connection.
INservice	IN	Places the connection in service.
OUTservice	OUT	Takes the connection out of service.
RELEase	REL	Releases the connection.

Table 58. FECONND view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a FEPI connection attribute according to the new value you specify in an overtyping field (see Table 59). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 59. FECONND view overtyping fields

Field name	Values
Service Status	INSERVICE   OUTSERVICE
Acquire Status	ACQUIRED   RELEASED
User Data	User-supplied data

## Hyperlinks

None.

## FECONNS – FEPI connections summary

The FECONNS view shows summarized information about installed FEPI connections. FECONNS is a summary form of the FECONN view.

### Availability

| The FECONN view is available for CICS/ESA 3.3 and later systems, CICS  
 # Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2  
 # Release 3.1 and later systems.

### Access

**Issue command:**

FECONNS [feconn] [fenode]

Where the parameters are the same as those for the FECONN view on page 86.

**Select:** FEPI from the OPERATE menu, and FECONNS from the FEPI submenu.

**Summarize:**

Issue the SUM display command from an FECONN or FECONNS view. The FECONNS view looks like the FECONN view shown in Figure 28 on page 86 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 60 shows the action commands you can issue from the FECONNS view. These action commands affect all of the resources that were combined to form the summary line of data.

Table 60. FECONNS view action commands

Primary command	Line command	Description
n/a	ACQ	Acquires the connection.
n/a	IN	Places the connection in service.
n/a	OUT	Takes the connection out of service.
n/a	REL	Releases the connection.

### Hyperlinks

From the FECONNS view, you can hyperlink from the Count field to the FECONN view to expand a line of summary data. The FECONN view includes only those resources that were combined to form the specified summary line.

## FENODE – FEPI nodes

The FENODE view shows general information about installed FEPI nodes.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FENODE [fenode]

fenode Is a specific or generic node name.

If you omit this parameter, the view includes information about all FEPI nodes.

**Select:** FEPI from the OPERATE menu, and FENODE from the FEPI submenu.

Figure 30 is an example of the FENODE view.

```

26MAR1999 14:49:58 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =FENODE=====EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
CMD Node      CICS      Install  Service  Acquire
--- Name----- System--  Status--- Status---- Status----
EYUMAS1B EYUMAS1A  INSTALLED  INSERVICE  ACQUIRED
EYUMAS2A EYUMAS1A  INSTALLED  INSERVICE  ACQUIRING
EYUMAS3A EYUMAS1A  NOTINSTALL  OUTSERVICE  RELEASED
    
```

Figure 30. The FENODE view

### Action commands

Table 61 shows the action commands you can issue from the FENODE view. The overtype fields are shown in Table 62 on page 92.

Table 61. FENODE view action commands

Primary command	Line command	Description
ACQuire fenode sysname	ACQ	Acquires a node.
DiSCard fenode sysname	DSC	Discards a node.
INservice fenode sysname	IN	Places a node in service.
OUTservice fenode sysname	OUT	Takes a node out of service.
RELease fenode sysname	REL	Releases a node.

## FEPI – FENODE

Table 61. FENODE view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a FEPI node attribute according to the new value you specify in an overwrite field (see Table 62). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overwrite a field.
<b>Where:</b> <b>fenode</b> Is a specific or generic node name. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 62. FENODE view overwrite fields

Field name	Values
Service Status	INSERVICE   OUTSERVICE
Acquire Status	ACQUIRED   RELEASED

## Hyperlinks

Table 63 shows the hyperlink field on the FENODE view.

Table 63. FENODE view hyperlink field

Hyperlink field	View displayed	Description
Node Name	FENODED	Detailed view of the specified node

**Note:** You can also display the FENODES view by issuing the SUM display command.



## FENODED – FEPI node details

The FENODED view shows detailed information about a FEPI node in a CICS system.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FENODED fenode sysname

fenode Is a specific node name.

sysname Is the name of the CICS system where the node is defined. The CICS system must be within the current scope.

**Hyperlink from:**

the Node Name field of the FENODE view.

Figure 31 is an example of the FENODED view.

```

26MAR1999 14:50:05 ----- INFORMATION DISPLAY -----
COMMAND ==>                                SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =FENODE===FENODED==EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
Node Name..... 1A1BLTRM User Data
CICS System...  EYUMAS1A
Acquire Status  ACQUIRED
Service Status  INSERVICE
Install Status  INSTALLED
REQSESS Sense. 8008
Acquires.....  10
    
```

Figure 31. The FENODED view

## Action commands

Table 64 shows the action commands you can issue from the FENODED view. The overtype fields are shown in Table 65 on page 94.

Table 64. FENODED view action commands

Primary command	Line command	Description
ACQuire	ACQ	Acquires the node.
DiSCard	DSC	Discards the node.
INService	IN	Places the node in service.
OUTService	OUT	Takes the node out of service.
RELEase	REL	Releases the node.

## FEPI – FENODED

Table 64. FENODED view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a FEPI node attribute according to the new value you specify in an overtype field (see Table 65). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 65. FENODED view overtype fields

Field name	Values
Service Status	INSERVICE   OUTSERVICE
Acquire Status	ACQUIRED   RELEASED
User Data	User-supplied data

## Hyperlinks

None.

## FENODES – FEPI nodes summary

The FENODES view shows summarized information about installed FEPI nodes. FENODES is a summary form of the FENODE view.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

#### Issue command:

FENODES [fenode]

Where the parameters are the same as those for the FENODE view on page 91.

**Select:** FEPI from the OPERATE menu, and FENODES from the FEPI submenu.

#### Summarize:

Issue the SUM display command from an FENODE or FENODES view. The FENODES view looks like the FENODE view shown in Figure 30 on page 91 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 66 shows the action commands you can issue from the FENODES view. These action commands affect all of the resources that were combined to form the summary line of data.

Table 66. FENODES view action commands

Primary command	Line command	Description
n/a	ACQ	Acquires a node.
n/a	DSC	Discards a node.
n/a	IN	Places a node in service.
n/a	OUT	Takes a node out of service.
n/a	REL	Releases a node.

### Hyperlinks

From the FENODES view, you can hyperlink from the Count field to the FENODE view to expand a line of summary data. The FENODE view includes only those resources that were combined to form the specified summary line.

## FEPOOL – FEPI pools

The FEPOOL view shows general information about installed FEPI pools.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FEPOOL [fepool]

fepool Is a specific or generic pool name.

If you omit this parameter, the view includes information about all FEPI pools.

**Select:** FEPI from the OPERATE menu, and FEPOOL from the FEPI submenu.

Figure 32 is an example of the FEPOOL view.

```

26MAR1999 14:49:58 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =FEPOOL=====EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
CMD Pool   CICS   Property  Install  Service  Device
--- Name--- System-- Set----- Status---- Status---- -----
POOL1     EYUMAS1A PSET001  INSTALLED  INSERVICE  T3278M2
POOL2     EYUMAS1A PSET002  INSTALLED  INSERVICE  T3279M5
POOL3     EYUMAS1A PSET3    NOTINSTALL  OUTSERVICE  TPS55M4
    
```

Figure 32. The FEPOOL view

### Action commands

Table 67 shows the action commands you can issue from the FEPOOL view. The overtype field is shown in Table 68 on page 97.

Table 67. FEPOOL view action commands

Primary command	Line command	Description
ADD fepool sysname	ADD	Displays the Add Targets and Nodes to FEPI POOL input panel (Figure 33 on page 97), which allows you to add new members to an existing FEPI pool.
DELeTe fepool sysname	DEL	Displays the Delete Targets and Nodes from FEPI POOL input panel (Figure 34 on page 98), which allows you to delete members from an existing FEPI pool.
DiSCard fepool sysname	DSC	Discards a pool.
INService fepool sysname	IN	Places a pool in service.
OUTService fepool sysname	OUT	Takes a pool out of service.

Table 67. FEPOOL view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a FEPI pool attribute according to the new value you specify in an overtype field (see Table 68). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<b>Where:</b> <b>fepool</b> Is a specific or generic pool name. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 68. FEPOOL view overtype field

Field name	Values
Service Status	INSERVICE   OUTSERVICE

When you issue the ADD action command from the FEPOOL view, the Add Targets and Nodes to FEPI POOL input panel appears, as shown in Figure 33.

```

----- Add Targets and Nodes to FEPI POOL -----
COMMAND ==>

Pool Name                FEPI Pool
Scope                    CICS System or Group
Acquire Status ==>      Acquire State (ACQUIRED,RELEASED)
Service Status ==>     Service State (INSERVICE,OUTSERVICE)

Nodes:
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678

Targets:
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678

Press Enter to add targets and nodes to FEPI POOL.
Type END or CANCEL to cancel without adding.
  
```

Figure 33. The Add Targets and Nodes to FEPI POOL input panel

When you issue the DELETE action command from the FEPOOL view, the Delete Targets and Nodes from FEPI POOL input panel appears, as shown in Figure 34 on page 98.

## FEPI – FEPOOL

```
----- Delete Targets and Nodes from FEPI POOL -----
COMMAND ==>

Pool Name                               FEPI Pool

Scope      ==>                          CICS System or Group

Nodes:
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678

Targets:
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678
====> 12345678  ====> 12345678  ====> 12345678  ====> 12345678

Press Enter to delete targets and nodes from FEPI POOL.
Type END or CANCEL to cancel without deleting.
```

Figure 34. The Delete Targets and Nodes from FEPI POOL input panel

## Hyperlinks

Table 69 shows the hyperlink field on the FEPOOL view.

Table 69. FEPOOL view hyperlink field

Hyperlink field	View displayed	Description
Pool Name	FEPOOLD	Detailed view of the specified pool.

**Note:** You can also display the FEPOOLS view by issuing the SUM display command.

## FEPOOLD – FEPI pool details

The FEPOOLD view shows detailed information about a FEPI pool in a CICS system.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

#### Issue command:

```
FEPOOLD fepool sysname
```

fepool Is a specific pool name.

sysname Is the name of the CICS system where the pool is defined. The CICS system must be within the current scope.

#### Hyperlink from:

the Pool Name field of the FEPOOL view.

Figure 35 is an example of the FEPOOLD view.

```

26MAR1999 14:50:05 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =FEPOOL===FEPOOLD==EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
Pool Name..... 1A1BLTRM CICS System... EYUMAS1A User Data
Property Set.. PSET0002 Targets.....      10
Device.....    T3279M2 Nodes.....        18
Service Status INSERVICE Connections...   33
Install Status INSTALLED Peak Connect...  18
Beg Sess Tran. BTRN Curr Alloc.....      22
End Sess Tran. ETRN Peak Alloc.....      33
STSN Tran..... STRN Curr Alloc wait      04
Unsol Tran.... UTRN Peak Alloc wait      11
Exception Que. FERR Tot Alloc wait.     124
Log Journal... 99 Tot Alloc Tout.        15
Contention.... LOSE Conv Waiting...      26
Format.....    DATASTREAM
Initial Data.. INBOUND
Max Data Len.. 8192
Journal Stat.. NOMSGJRNL
Unsol Data ACK NEGATIVE

```

Figure 35. The FEPOOLD view

### Action commands

Table 70 on page 100 shows the action commands you can issue from the FEPOOLD view. The overtype fields are shown in Table 71 on page 100.

## FEPI – FEPOOLD

Table 70. FEPOOLD view action commands

Primary command	Line command	Description
ADD	ADD	Displays the Add Targets and Nodes to FEPI POOL input panel (Figure 33 on page 97), which allows you to add new members to an existing FEPI pool.
DELeTe	DEL	Displays the Delete Targets and Nodes from FEPI POOL input panel (Figure 34 on page 98), which allows you to delete members from an existing FEPI pool.
DiSCard	DSC	Discards the pool.
INservice	IN	Places the pool in service.
OUTservice	OUT	Takes the pool out of service.
n/a	SET	Sets a FEPI pool attribute according to the new value you specify in an overtyp field (see Table 71). <b>Note:</b> The value you specified in the Require Set field on the CICSPlex System Manager entry panel determines whether or not you must use the SET command when you overtyp a field.

Table 71. FEPOOLD view overtyp fields

Field name	Values
Service Status	INSERVICE   OUTSERVICE
User Data	User-supplied data

## Hyperlinks

None.



## FEPOOLS – FEPI pools summary

The FEPOOLS view shows summarized information about installed FEPI pools. FEPOOLS is a summary form of the FEPOOL view.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FEPOOLS [fepool]

Where the parameter is the same as that for the FEPOOL view on page 96.

**Select:** FEPI from the OPERATE menu, and FEPOOLS from the FEPI submenu.

**Summarize:**

Issue the SUM display command from an FEPOOL or FEPOOLS view. The FEPOOLS view looks like the FEPOOL view shown in Figure 32 on page 96 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 72 shows the action commands you can issue from the FEPOOLS view. These action commands affect all of the resources that were combined to form the summary line of data.

Table 72. FEPOOLS view action commands

Primary command	Line command	Description
n/a	ADD	Displays the Add Targets and Nodes to FEPI POOL input panel (Figure 33 on page 97), which allows you to add new members to an existing FEPI pool.
n/a	DEL	Displays the Delete Targets and Nodes from FEPI POOL input panel (Figure 34 on page 98), which allows you to delete members from an existing FEPI pool.
n/a	DSC	Discards a pool.
n/a	IN	Places a pool in service.
n/a	OUT	Takes a pool out of service.

### Hyperlinks

From the FEPOOLS view, you can hyperlink from the Count field to the FEPOOL view to expand a line of summary data. The FEPOOL view includes only those resources that were combined to form the specified summary line.

## FEPROP – FEPI property sets

The FEPROP view shows general information about installed FEPI property sets.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FEPROP [feproperty]

feproperty Is a specific or generic property set name.

If you omit this parameter, the view includes information about all FEPI property sets.

**Select:** FEPI from the OPERATE menu, and FEPROP from the FEPI submenu.

Figure 36 is an example of the FEPROP view.

```

26MAR1999 14:49:58 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =FEPROP=====EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
CMD Property CICS Device Format Begin End STSN Jnl Except
--- Set----- System-- ----- Tran- Tran Tran Id- Queue-
PSET001 EYUMAS1A T3278M2 FORMATTED BTRN ETRN STRN 02 FERR
PSET0002 EYUMAS1A 3279M5 DATASTREAM XTRN TTRN PTRN 03 FER1
PSET3 EYUMAS1A TPS55M4 DATASTREAM YTRN ZTRN CTRN 99 FER2
    
```

Figure 36. The FEPROP view

### Action commands

Table 73 shows the action command you can issue from the FEPROP view.

Table 73. FEPROP view action command

Primary command	Line command	Description
DiSCard feproperty sysname	DSC	Discards a property set.
<p><b>Where:</b></p> <p><b>feproperty</b> Is a specific or generic property set name.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

## Hyperlinks

Table 74 shows the hyperlink field on the FEPROP view.

*Table 74. FEPROP view hyperlink field*

Hyperlink field	View displayed	Description
Property Set	FEPROPD	Detailed view of the specified property set.

**Note:** You can also display the FEPROPS view by issuing the SUM display command.

## FEPROPD – FEPI property set details

The FEPROPD view shows detailed information about a FEPI property set in a CICS system.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FEPROPD feproperty sysname

feproperty Is a specific property set name.

sysname Is the name of the CICS system where the property set is defined. The CICS system must be within the current scope.

**Hyperlink from:**

the Property Set field of the FEPROP view.

Figure 37 is an example of the FEPROPD view.

```

26MAR1999 14:50:05 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =FEPROP===FEPROPD==EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
Property Set.. 1A1BLTRM
CICS System... EYUMAS1A
Device.....   T3279M2
Beg Sess Tran. BTRN
End Sess Tran. ETRN
STSN Tran..... STRN
Unsol Tran.... UTRN
Exception Que. FERR
Log Journal... 99
Contention.... LOSE
Format.....   DATASTREAM
Initial Data.. INBOUND
Max Data Len.. 8192
Journal Stat.. NOMSGJRNL
Unsol Data ACK NEGATIVE
    
```

Figure 37. The FEPROPD view

### Action commands

Table 75 shows the action command you can issue from the FEPROPD view.

Table 75. FEPROPD view action command

Primary command	Line command	Description
DiSCard	DSC	Discards the property set.

### Hyperlinks

None.

## FEPROPS – FEPI property sets summary

The FEPROPS view shows summarized information about installed FEPI property sets. FEPROPS is a summary form of the FEPROP view.

### Availability

| The FECONN view is available for CICS/ESA 3.3 and later systems, CICS  
# Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2  
# Release 3.1 and later systems.

### Access

#### Issue command:

FEPROPS [feproperty]

Where the parameter is the same as that for the FEPROP view on page 102.

**Select:** FEPI from the OPERATE menu, and FEPROPS from the FEPI submenu.

#### Summarize:

Issue the SUM display command from an FEPROP or FEPROPS view. The FEPROPS view looks like the FEPROP view shown in Figure 36 on page 102 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 76 shows the action command you can issue from the FEPROPS view. This action command affects all of the resources that were combined to form the summary line of data.

Table 76. FEPROPS view action command

Primary command	Line command	Description
n/a	DSC	Discards a property set.

### Hyperlinks

From the FEPROPS view, you can hyperlink from the Count field to the FEPROP view to expand a line of summary data. The FEPROP view includes only those resources that were combined to form the specified summary line.

## FETRGT – FEPI targets

The FETRGT view shows general information about installed FEPI targets.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FETRGT [fetarget]

fetarget Is a specific or generic target name.

If you omit this parameter, the view includes information about all FEPI targets.

**Select:** FEPI from the OPERATE menu, and FETRGT from the FEPI submenu.

Figure 38 is an example of the FETRGT view.

```

26MAR1999 14:49:58 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =FETRGT=====EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
CMD Target  CICS  Applid  Pool  Install  Service
--- Name---- System-- ----- Name----- Status---- Status----
1A1BLTRM  EYUMAS1A  EYUMAS1B  POOL1  INSTALLED  INSERVICE
1A2ALTRM  EYUMAS1A  EYUMAS2A  POOL2  INSTALLED  INSERVICE
1A3ALTRM  EYUMAS1A  EYUMAS3A  POOL3  NOTINSTALL  OUTSERVICE
2A1ALTRM  EYUMAS2A  EYUMAS1A  POOL1  INSTALLED  INSERVICE
2A4ALTRM  EYUMAS2A  EYUMAS4A  POOL2  INSTALLED  INSERVICE
3A1ALTRM  EYUMAS3A  EYUMAS1A  POOL2  INSTALLED  INSERVICE
3A4ALTRM  EYUMAS3A  EYUMAS4A  POOL3  INSTALLED  INSERVICE
    
```

Figure 38. The FETRGT view

### Action commands

Table 77 shows the action commands you can issue from the FETRGT view. The overtype field is shown in Table 78 on page 107.

Table 77. FETRGT view action commands

Primary command	Line command	Description
DiSCard fetarget sysname	DSC	Discards a target.
INservice fetarget sysname	IN	Places a target in service.
OUTservice fetarget sysname	OUT	Takes a target out of service.

Table 77. FETRGT view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a FEPI target attribute according to the new value you specify in an overwrite field (see Table 78). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overwrite a field.
<b>Where:</b> <b>fetarget</b> Is a specific or generic target name. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 78. FETRGT view overwrite field

Field name	Values
Service Status	INSERVICE   OUTSERVICE

## Hyperlinks

Table 79 shows the hyperlink field on the FETRGT view.

Table 79. FETRGT view hyperlink field

Hyperlink field	View displayed	Description
Target Name	FETRGTD	Detailed view of the specified target.

**Note:** You can also display the FETRGT view by issuing the SUM display command.

## FETRGTD – FEPI target details

The FETRGTD view shows detailed information about a FEPI target in a CICS system.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FETRGTD fetarget fepool sysname

fetarget Is a specific target name.

fepool Is a specific pool name.

sysname Is the name of the CICS system where the target is defined. The CICS system must be within the current scope.

**Hyperlink from:**

the Target Name field of the FETRGT view.

Figure 39 is an example of the FETRGTD view.

```

26MAR1999 14:50:05 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =FETRGT===FETRGT==EYUPLX01=EYUPLX01=26MAR1999==14:49:58=CPSM=====
Target Name... 1A1BLTRM CICS System... EYUMAS1A User Data
Pool Name..... PSET0002 Nodes.....          18
Applid.....    EYUMAS02 Tot Allocates..    22
Service Status INSERVICE Curr Alloc Wait    04
Install Status INSTALLED Peak Alloc Wait    11
                               Tot Alloc Wait. 124
                               Tot Alloc Tout.  15
    
```

Figure 39. The FETRGTD view

### Action commands

Table 80 shows the action commands you can issue from the FETRGTD view. The overtype fields are shown in Table 81 on page 109.

Table 80. FETRGTD view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards the target.
INservice	IN	Places the target in service.
OUTservice	OUT	Takes the target out of service.



Table 80. FETRGTD view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a FEPI target according to the new value you specify in an oertype field (see Table 81). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

Table 81. FETRGTD view oertype fields

Field name	Values
Service Status	INSERVICE   OUTSERVICE
User Data	User-supplied data

## Hyperlinks

None.

## FETRGT – FEPI targets summary

The FETRGT view shows summarized information about installed FEPI targets. FETRGT is a summary form of the FETRGT view.

### Availability

The FECONN view is available for CICS/ESA 3.3 and later systems, CICS Transaction Server for VSE/ESA Release 1 and later systems, and CICS for OS/2 Release 3.1 and later systems.

### Access

**Issue command:**

FETRGT [fetarget]

Where the parameter is the same as that for the FETRGT view on page 106.

**Select:** FEPI from the OPERATE menu, and FETRGT from the FEPI submenu.

**Summarize:**

Issue the SUM display command from an FETRGT or FETRGT view.

The FETRGT view looks like the FETRGT view shown in Figure 38 on page 106 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 82 shows the action commands you can issue from the FETRGT view. These action commands affect all of the resources that were combined to form the summary line of data.

Table 82. FETRGT view action commands

Primary command	Line command	Description
n/a	DSC	Discards a target.
n/a	IN	Places a target in service.
n/a	OUT	Takes a target out of service.

### Hyperlinks

From the FETRGT view, you can hyperlink from the Count field to the FETRGT view to expand a line of summary data. The FETRGT view includes only those resources that were combined to form the specified summary line.

---

## Chapter 9. Files

The file views show information about CICS files within the current context and scope. Information is available about local shared resource (LSR) pools, and for all types of CICS files, including local and remote files, and files that have CICS- or user-maintained data tables associated with them.

### Notes:

1. The information provided in file views can vary depending on when you issue the view command. If a file is closed, for example, much of the information reflects the state the file will be in the next time it is opened. If a file has never been opened, some information is not available, so you receive default or null values; these values may change once the file is opened.
2. The term *data table file* is used in this § to mean a file that has a CICS- or user-maintained data table associated with it.

The file operations views are:

### CFDTPOOD

A detailed view of connection information for a coupling facility data table (CFDT) pool

### CFDTPOOL

General connection information for CFDT pools

### CFDTPOOS

Summary connection information for CFDT pools

### CMDT

A general view of files that have CICS- or user-maintained data tables, or coupling facility data tables, associated with them

### CMDTD

A detailed view of a file that has a CICS- or user-maintained data table, or a coupling facility data table, associated with it

### CMDTS

A summary view of files that have CICS- or user-maintained data tables or coupling facility data tables, associated with them

### CMDT2

A detailed view of information relating to a data table

### CMDT3

A detailed view of statistical information relating to a data table file

### DSNAME

A general view of data sets associated with installed CICS files

### DSNAMED

A detailed view of a data set associated with installed CICS files

### DSNAMES

A summary view of data sets associated with installed CICS files

**FILE** A general view of all CICS files

**FILED** A detailed view of CICS files associated with a data set

**FILES** A summary view of all CICS files

## files

### **LOCFILE**

A general view of local CICS files

### **LOCFILED**

A detailed view of a local CICS file

### **LOCFILES**

A summary view of local CICS files

### **LSRPBUD**

A detailed view of buffer size information for an LSR pool

### **LSRPBUF**

A general view of buffer usage for LSR pools

### **LSRPBUS**

A summary view of buffer usage for LSR pools

### **LSRPOOD**

A detailed view of an LSR pool

### **LSRPOOL**

A general view of LSR pools

### **LSRPOOS**

A summary view of LSR pools

### **REMFIL**

A general view of remote CICS files

### **REMFILED**

A detailed view of a remote CICS file

### **REMFILS**

A summary view of remote CICS files

For details about the availability of file views, see the individual view descriptions.

## CFDTPOOD – Coupling facility data table details

The CFDTPOOD view shows detailed information about a coupling facility data table pool.

### Availability

The CFDTPOOD view is available for all managed CICS systems running the CICS TS for OS/390.

### Access

#### Issue command:

```
CFDTPOOD [poolname [sysname]]
```

poolname Is the specific or generic name of a currently installed coupling facility data table pool, or \* for all coupling facility data table pools.

sysname Is the name of the CICS system where the coupling facility data table pool is installed. The CICS system must be within the current scope.

#### Hyperlink from:

The Pool Name field of the CFDTPOOL view.

Figure 40 is an example of the CFDTPOOD view.

```

26MAR1999 16:49:55 ----- INFORMATION DISPLAY -----
COMMAND ==>                                SCROLL ==> CSR
CURR WIN ==> 1          ALT WIN ==>
W1 =CFDTPOOL=CFDTPOOD=EYUPLX01=EYUPLX01=26MAR1999==16:49:55====CPSM=====1
Pool Name.....      CFDT1
CICS System.....    EYUMAS1A
Connection Status  UNCONNECTED

```

Figure 40. The CFDTPOOD view

### Action commands

None.

### Hyperlinks

None.

## CFDTPOOL – Coupling facility data tables

The CFDTPOOL view shows general information about coupling facility data table pools.

### Availability

The CFDTPOOL view is available for all managed CICS systems running the CICS TS for OS/390.

### Access

#### Issue command:

```
CFDTPOOL [poolname ]
```

poolname Is the specific or generic name of a currently installed coupling facility data table pool, or \* for all coupling facility data table pools.

**Select:** FILE from the OPERATE menu, and CFDTPOOL from the FILE submenu.

Figure 41 is an example of the CFDTPOOL view.

```

26MAR1999 16:49:55 ----- INFORMATION DISPLAY -----
COMMAND ==>                                SCROLL ==> CSR
CURR WIN ==> 1          ALT WIN ==>
W1 =CFDTPOOL=====EYUPLX01=EYUPLX01=26MAR1999==16:49:55====CPSM=====4
CMD Pool      CICS      Connect
--- Name---- System-- Status-----
CFDT1      EYUMAS1A  CONNECTED
TESTPOOL   EYUMAS2A  NOTCONNECTED
PROD02PL   EYUMAS1A  UNAVAILABLE

```

Figure 41. The CFDTPOOL view

### Action commands

None.

### Hyperlinks

Table 83 shows the hyperlink field on the CFDTPOOL view.

Table 83. CMDT view hyperlink field

Hyperlink field	View displayed	Description
Pool Name	CFDTPOOD	Detailed view of the specified coupling facility data table pool.

---

## CFDTPOOS – Coupling facility data tables summary

The CFDTPOOS view shows summary information about coupling facility data table pools. CFDTPOOS is a summary form of the CFDTPOOL view.

### Availability

The CFDTPOOS view is available for all managed CICS systems running the CICS TS for OS/390.

### Access

**Issue command:**

CFDTPOOS [poolname ]

Where the parameters are the same as those for the CFDTPOOL view on page 114.

**Select:** FILE from the OPERATE menu, and CFDTPOOS from the FILE submenu.

**Summarize:**

Issue the SUM display command from a CFDTPOOL or CFDTPOOS view.

The CFDTPOOS view looks like the CFDTPOOL view shown in Figure 57 on page 154 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

None.

## CMDT – Data tables

The CMDT view shows general information about files that have CICS- or user-maintained data tables, or coupling facility data tables, associated with them.

### Availability

The CMDT view is available for all managed CICS systems except CICS for OS/2 systems.

### Access

#### Issue command:

```
CMDT [file [CFTABLE|CICSTABLE|USERTABLE]]
```

file Is the specific or generic name of a currently installed data table file, or \* for all data table files.

CFTABLE|CICSTABLE|USERTABLE Limits the view to either CICS- or user-maintained data table files, or coupling facility data table files. If you omit this parameter, data table files are included in the view regardless of their type.

If you do not specify parameters, the view includes information about all data table files within the current scope.

**Select:** FILE from the OPERATE menu, and CMDT from the FILE submenu.

Figure 42 is an example of the CMDT view.

```

26MAR1999 15:54:26 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =CMDT=====EYUPLX01=EYUPLX01=26MAR1999==15:54:26====CPSM=====
CMD File   CICS   Enable  Table  Get    Browse  Curr   Highest
--- ID----- System-- Status--- Type----- Requests Requests Records- Records-
EYUFIL02 EYUMAS4A ENABLED  CFTABLE      0         0         0         0
EYUFIL03 EYUMAS4A ENABLED  CICSTABLE    0         0         0         0
EYUFIL04 EYUMAS4A ENABLED  USERTABLE    0         0         0         0

```

Figure 42. The CMDT view

### Action commands

Table 84 on page 117 shows the action commands you can issue from the CMDT view. The oertype fields are shown in Table 85 on page 117.

The action commands and oertype fields for the CMDT view are available for all managed CICS systems for which CMDT is valid, except as noted in Table 84 on page 117.



Table 84. CMDT view action commands

Primary command	Line command	Description
CLS file sysname	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use. When a data table file has been enabled by an OPEN action command, CLS disables the file.
DISable file sysname	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use.
DiSCard file sysname	DSC	Discards a data table file from the CICS system where it is installed.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable file sysname	ENA	Enables a data table file.
OPEn file sysname	OPE	Opens a data table file. When the data table file has been disabled by a CLS action command, OPEN enables the file.
n/a	SET	Sets a data table file attribute according to the new value you specify in an overtyping field (see Table 85). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<p><b>Where:</b></p> <p><b>file</b> Is the specific or generic name of a data table file.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

Table 85. CMDT view overtyping fields

Field name	Values
Enable Status	ENABLED   DISABLED

When you issue the CLS or DISABLE action command, an input panel appears, as shown in Figure 43 on page 118.

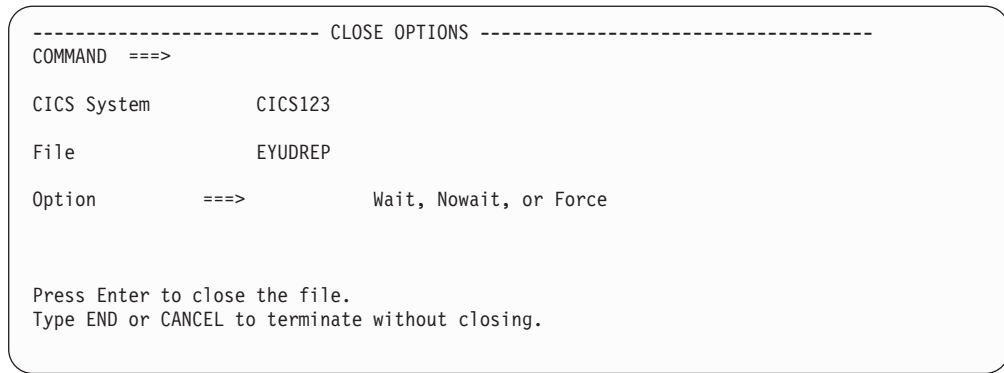


Figure 43. The CLOSE OPTIONS input panel

Except for the panel title, the input panels produced by the CLS and DISABLE actions are identical. To close or disable a data table file, verify the CICS system and file names, and specify one of the following options:

**WAIT** Waits to perform the close or disable action until the data table file is no longer in use.

**NOWAIT**  
Does not perform the close or disable action if the data table file is in use.

**FORCE**  
Closes or disables the data table file immediately, even if it is in use.

## Hyperlinks

Table 86 shows the hyperlink field on the CMDT view.

Table 86. CMDT view hyperlink field

Hyperlink field	View displayed	Description
File ID	CMDTD	Detailed view of the specified data table file.

**Note:** You can also display the CMDTS view by issuing the SUM display command.

## CMDTD – Data table details

The CMDTD view shows detailed information about a file that has a CICS- or user-maintained data table, or a coupling facility data table, associated with it.

### Availability

The CMDTD view is available for all managed CICS systems except CICS for OS/2 systems.

### Access

#### Issue command:

```
CMDTD file sysname
```

file Is the name of a currently installed data table file.

sysname Is the name of the CICS system where the data table file is installed. The CICS system must be within the current scope.

#### Hyperlink from:

the File ID field of a FILE or CMDT view.

Figure 44 is an example of the CMDTD view presented for a file that has a coupling facility data table associated with it.

```

26MAR1999 15:14:54 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
>W1 =CMDT====CMDTD====EYUPLX01=EYUPLX01=26MAR1999==15:14:10====CPSM=====1
File ID..... MDRVC6AC
CICS System.. EYUMAS4A
Table Type.. CFTABLE
Dataset Name  SAMPLES.V140
Enabled Stat  ENABLED
Open Status.. OPEN
Disposition.. SHARE
Add Option..  ADDABLE
Browse Opt..  BROWSABLE
Delete Opt..  DELETABLE
Read Option.. READABLE
Update Opt..  UPDATABLE
Update Model  LOCKING
CFDT Pool...  CPSMPL01
Table Name..  PAYPOOL1
Recvry Stat.. NOTRECOVABLE Table Info..
Load Type...  NOLOAD
Fwd Recvry.. NOTFWDRCVBLE Dataset Info

```

Figure 44. The CMDTD view for a file associated with a coupling facility data table

### Action commands

Table 87 on page 120 shows the action commands you can issue from the CMDTD view. The overtypable fields are shown in Table 88 on page 120.

The action commands and overtypable fields for the CMDTD view are available for all managed CICS systems for which CMDTD is valid, except as noted in Table 87 on page 120 and Table 88 on page 120.

Table 87. CMDTD view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use. When the data table file has been enabled by an OPEN action command, CLS disables the file.
DISable	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use.
DiSCard	DSC	Discards the data table file from the CICS system where it is installed.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable	ENA	Enables the data table file.
OPEn	OPE	Opens the data table file. When the data table file has been disabled by a CLS action command, OPEN enables the file.
n/a	SET	Sets a data table file attribute according to the new value you specify in an overtyping field (see Table 88). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 88. CMDTD view overtyping fields

Field name	Values
Dataset Name	Any valid data set name Cannot be modified for CICS/VSE 2.2 and CICS/VSE 2.3.
Enabled Stat	ENABLED   DISABLED
Open Status	OPEN   CLOSED
Disposition	OLD   SHARE
Add Option	ADDABLE   NOTADDABLE
Browse Opt	BROWSABLE   NOTBROWSABLE
Delete Option	DELETABLE   NOTDELETABLE
Read Option	READABLE   NOTREADABLE
Update Option	UPDATABLE   NOTUPDATABLE
Update Model	CONTENTION   LOCKING   NOTAPPLIC
CFDT Pool	Any valid coupling facility data table pool name N/A if file is associated with a CICS- or user-maintained data table.
Table name	Any valid coupling facility data table name N/A if file is associated with a CICS- or user-maintained data table.
Load Type	LOAD   NOLOAD   NOTAPPLIC

## Hyperlinks

Table 89 shows the hyperlink fields on the CMDTD view.

*Table 89. CMDTD view hyperlink field*

Hyperlink field	View displayed	Description
Dataset Name	DSNAMED	Detailed view of the data set associated with this data table file.
Table information	CMDT2	Detailed view of the data table associated with this data table file.
Data set information	CMDT3	Detailed view of statistics associated with this data table file.

|  
|  
|  
|

## CMDTS – Data tables summary

The CMDTS view shows summarized information about files that have CICS- or user-maintained data tables, or coupling facility data tables, associated with them. CMDTS is a summary form of the CMDT view.

### Availability

The CMDTS view is available for all managed CICS systems except CICS for OS/2 systems.

### Access

#### Issue command:

```
CMDTS [file [CFTABLE|CICSTABLE|USERTABLE]]
```

Where the parameters are the same as those for CMDT on page 116.

**Select:** FILE from the OPERATE menu, and CMDTS from the FILE submenu.

#### Summarize:

Issue the SUM display command from a CMDT or CMDTS view.

The CMDTS view looks like the CMDT view shown in Figure 42 on page 116 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 90 shows the action commands you can issue from the CMDTS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype field is shown in Table 91 on page 123.

The action commands and overtype fields for the CMDTS view are available for all managed CICS systems for which CMDTS is valid, except as noted in Table 90.

Table 90. CMDTS view action commands

Primary command	Line command	Description
n/a	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use. When a data table file has been enabled by an OPEN action command, CLS disables the file.
n/a	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use.
n/a	DSC	(Not available for CICS systems running CICS/MVS 2.1.2 or CICS/VSE 2.2.) Discards a data table file from the CICS system where it is installed.  DSC is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

Table 90. CMDTS view action commands (continued)

Primary command	Line command	Description
n/a	ENA	Enables a data table file.
n/a	OPE	Opens a data table file. When the data table file has been disabled by a CLS action command, OPEN enables the file.
n/a	SET	Sets a data table file attribute according to the new value you specify in an overtyping field (see Table 91). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 91. CMDTS view overtyping field

Field name	Values
Enabled Status	ENABLED   DISABLED

## Hyperlinks

From the CMDTS view, you can hyperlink from the Count field to the CMDT view to expand a line of summary data. The CMDT view includes only those resources that were combined to form the specified summary line.

## CMDT2 – Data table information

The CMDT2 view shows detailed information about a CICS- or user-maintained data table, or a coupling facility data table.

### Availability

The CMDT2 view is available for all managed CICS systems running CICS Transaction Server for OS/390 Release 3 and later.

### Access

#### Issue command:

```
CMDT2 file sysname
```

file Is the name of a currently installed data table file.

sysname Is the name of the CICS system where the data table file is installed. The CICS system must be within the current scope.

#### Hyperlink from:

the Table Info field of a CMDTD view.

Figure 45 is an example of the CMDT2 view presented for a file that has a coupling facility data table associated with it.

```

26MAR1999 15:14:54 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
>W1 =CMDT====CMDT2====EYUPLX01=EYUPLX01=26MAR1999==15:14:10====CPSM=====1
File ID..... MDRVC6AC CICS System....EYUMAS4A Table Type.... CFTABLE
Time Opened.... 00:00:00
Time Closed.... 00:00:00 Table Reads..... Storage Usage..
GMT Opened.... 00:00:00 Reads From Tbl. 0 Tot Stg Alloc. N/A
GMT Closed.... 00:00:00 Record Not Fnd. 0 Tot Stg Used.. N/A
Read Retries... N/A Entr Stg Alloc N/A
Table Info..... Entr Stg Used. N/A
Record Size... 80 Table Adds..... Indx Stg Alloc N/A
Key Length... 8 Adds From Reads 0 Indx Stg Used. N/A
Key Position.. 0 Tbl Add Request 0 Data Stg Alloc N/A
LSR Pool ID... 01 Add Rej By Exit 0 Data Stg Used. N/A
DataSet Type.. Adds Table Full 0
Rec Format.... VARIABLE
Journal ID... 0 Other Table Req. Table Usage...
Max Num Recs.. 5000 Table Rewrites. 0 Curr Records.. 0
Table Deletes.. 0 Highest Recs.. 0
Contentions.... 0
Dataset Info...

```

Figure 45. The CMDT2 view

### Action commands

Table 92 on page 125 shows the action commands you can issue from the CMDT2 view. The overtyping fields are shown in Table 93 on page 125.

The action commands and overtyping fields for the CMDT2 view are available for all managed CICS systems running CICS Transaction Server for OS/390 Release 3 and later.



Table 92. CMDT2 view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use. When the data table file has been enabled by an OPEN action command, CLS disables the file.
DISable	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use.
DiSCard	DSC	Discards the data table file from the CICS system where it is installed.
ENable	ENA	Enables the data table file.
OPEn	OPE	Opens the data table file. When the data table file has been disabled by a CLS action command, OPEN enables the file.
n/a	SET	Sets a data table file attribute according to the new value you specify in an overtype field (see Table 88). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 93. CMDT2 view overtype fields

Field name	Values
Max Num Recs	1–99 999 999   NOLIMIT
LSR Pool ID	1–8

## Hyperlinks

Table 94 shows the hyperlink field on the CMDT2 view.

Table 94. CMDT2 view hyperlink field

Hyperlink field	View displayed	Description
Data Set Info	CMDT3	Detailed view of the statistics associated with this data table file.

## CMDT3 – Data table data set information

The CMDT3 view shows statistical information relating to a data table file.

### Availability

The CMDT3 view is available for all managed CICS systems running CICS Transaction Server for OS/390 Release 3 and later.

### Access

#### Issue command:

```
CMDT3 file sysname
```

file Is the name of a currently installed data table file.

sysname Is the name of the CICS system where the data table file is installed. The CICS system must be within the current scope.

#### Hyperlink from:

the Data Set Info field of a CMDTD or CMDT2 view.

Figure 46 is an example of the CMDT3 view presented for a file that has a coupling facility data table associated with it.

```

26MAR1999 15:14:54 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
>W1 =CMDT====CMDT3====EYUPLX01=EYUPLX01=26MAR1999==15:14:10====CPSM=====1
File ID..... MDRVC6AC CICS System.... EYUMAS4A Table Type.... CFTABLE

Dataset Stats...
EXCP VSAM Dat.. 0
EXCP VSAM Idx.. 0
Add Requests... 0
Browse Requests 0
Delete Requests 0
Get Requests... 0
Get Upd Request 0
Update Requests 0

String Usage....
Strings..... 4
Active Strings. 0
String Waits... 0

Table Info.....

```

Figure 46. The CMDT3 view

### Action commands

Table 95 on page 127 shows the action commands you can issue from the CMDT2 view. The overtyping fields are shown in Table 96 on page 127.

The action commands and overtyping field for the CMDT3 view are available for all managed CICS systems running CICS Transaction Server for OS/390 Release 3 and later.

Table 95. CMDT3 view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use. When the data table file has been enabled by an OPEN action command, CLS disables the file.
DISable	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a data table file if it is still in use.
DiSCard	DSC	Discards the data table file from the CICS system where it is installed.
ENable	ENA	Enables the data table file.
OPEn	OPE	Opens the data table file. When the data table file has been disabled by a CLS action command, OPEN enables the file.
n/a	SET	Sets a data table file attribute according to the new value you specify in an overwrite field (see Table 88). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overwrite a field.

Table 96. CMDT3 view overwrite field

Field name	Values
Strings	1-255

## Hyperlinks

Table 97 shows the hyperlink field on the CMDT3 view.

Table 97. CMDT3 view hyperlink field

Hyperlink field	View displayed	Description
Table Info	CMDT2	Detailed view of table information relating to this data table file.

## DSNNAME – Data sets

The DSNNAME view shows general information about data sets associated with installed CICS files.

**Note:** Full data set information is not available until at least one file that references the data set is opened.

### Availability

The DSNNAME view is available all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 2.0.1 systems

### Access

**Issue command:**

```
DSNNAME [dataset]
```

dataset Is the specific or generic name of a data set that is associated with installed CICS files. If you omit this parameter, the view includes information about all data sets within the current scope.

**Select:** FILE from the OPERATE menu, and DSNNAME from the FILE submenu.

Figure 47 is an example of the DSNNAME view.

```

26MAR1999 18:26:11 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =DSNNAME=====EYUPLX01=EYUPLX01=26MAR1999==18:26:11====CPSM=====4
CMD Dataset                                     CICS   File   Backout
--- Name-----                               System-- Count--- Status-----
PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCS            EYUMAS1A      1 NORMALBKOUT
PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCS            EYUMAS2A      1 NORMALBKOUT
PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCS            EYUMAS3A      1 NORMALBKOUT
PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCS            EYUMAS4A      1 NORMALBKOUT

```

Figure 47. The DSNNAME view

### Action commands

Table 98 on page 129 shows the action commands you can issue from the DSNNAME view. The ovrtype field is shown in Table 99 on page 131.

The action commands and ovrtype field for the DSNNAME view are available for all managed CICS systems for which DSNNAME is valid, except as noted in Table 98 on page 129 and Table 99 on page 131.

Table 98. DSNAME view action commands

Primary command	Line command	Description
QUIesce dataset sysname	QUI	Displays the Quiesce State for Dataset input panel (Figure 48 on page 130), which lets you specify whether the data set is to be immediately quiesced, quiesced when all units of work that are accessing the data set have reached syncpoint, or unquiesced.  QUIesce is available for systems running the CICS TS for OS/390.
REMove dataset sysname	REM	Removes the association between a data set and a CICS system and deallocates the data set. A data set can be removed only if its file count is 0 and its backout status is NORMALBKOUT.  REMove is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ReSetLocks dataset sysname	RSL	(VSAM only.) Purges shunted unit of work log records for backout-failed and commit-failed units of work that hold locks on the data set, and releases the retained locks. All records relating to this data set are removed from the system log and all retained record locks held for the data set are released.  <b>Notes:</b> 1. This command cannot be used for shunted in-doubt units of work that hold locks on the data set. Before you issue the ReSetLocks command, use the UOW action command to resolve the in-doubt unit of work. 2. When a ReSetLocks action fails during the commit phase, the units of work revert to being shunted as commit-failed.  ReSetLocks is available for systems running the CICS TS for OS/390.
n/a	SET	Sets a data set attribute according to the new value you specify in an overtyping field (see Table 99 on page 131). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 98. DSNAME view action commands (continued)

Primary command	Line command	Description
UOW dataset sysname	UOW	Displays the Shunted UOWs Holding Locks on Dataset input panel (Figure 49 on page 131), which lets you specify whether a shunted in-doubt unit of work that holds a lock on this data set should be backed out, committed, forced, or retried.  UOW is available for systems running the CICS TS for OS/390.
<p><b>Where:</b></p> <p><b>dataset</b> Is the specific or generic name of a data set.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

When you issue the QUIESce action command from the DSNAME view, the Quiesce State for Dataset input panel appears, as shown in Figure 48. Specify the RLS quiesce state of the data set:

```

----- Quiesce State for Dataset -----
COMMAND ==>

Dataset Name      PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCS
Current Scope ==> EYUCMS1A

Quiesce State ==>          (QUIESCED, IMMQUIESCED, UNQUIESCED)

Press Enter to process quiesce state.
Type END or CANCEL to cancel quiesce state.

```

Figure 48. The Quiesce State for Dataset input panel

**IMMQUIESCED**

All existing CICS open RLS ACBs are closed, all units of work accessing the data set are abended, the file state (if it is ENABLED) is set to UNENABLED, and the data set is marked as closed.

**Note:** Any tasks currently using the data set are immediately terminated, using the CICS task FORCEPURGE.

**QUIESCED**

All existing CICS open RLS ACBs are closed, all units of work accessing the data set are allowed to reach syncpoint, the file state (if it is ENABLED) is set to UNENABLED, and the data set is marked as closed.

**UNQUIESCED**

The data set is marked as unquiesced, and RLS or non-RLS ACBs can be opened. Subsequent open ACB requests are permitted in the same mode as the first open ACB.

**Note:** Only when you have UNENABLED a file by specifying either an IMMQUIESCED or a QUIESCED value, you can restore the file state to ENABLED by specifying UNQUIESCED.

When you issue the UOW action command from the DSNNAME view, the Shunted UOWs Holding Locks on Dataset input panel appears, as shown in Figure 49. Specify the action to be taken for a shunted in-doubt unit of work that holds a lock

```

----- Shunted UOWs Holding Locks on Dataset -----
COMMAND ==>

Dataset Name      PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCSD
Current Scope     EYUCMS1A
Action            ==>                (BACKOUT, COMMIT, FORCE, RETRY)

Press Enter to process action.
Type END or CANCEL to cancel action.

```

Figure 49. The Shunted UOWs Holding Locks on Dataset input panel

on this data set:

### BACKOUT

Specifies that these units of work should be backed out.

### COMMIT

Specifies that these units of work should be committed.

### FORCE

Specifies that these units of work should be FORCED to BACKOUT or COMMIT.

### RETRY

Specifies that these units of work should be retried. Applies only to backout-failed and commit-failed units of work.

**Note:** If the data set was damaged, it must have been repaired (recreated) and made available for RETRY to be successful.

Table 99. DSNNAME view overtyp field

Field name	Values
Backout Status	NORMALBKOUT   FAILEDBKOUT (VSAM only) Cannot be modified in systems running the CICS TS for OS/390.

## Hyperlinks

Table 100 shows the hyperlink fields on the DSNNAME view.

Table 100. DSNNAME view hyperlink field

Hyperlink field	View displayed	Description
Dataset Name	DSNAMED	Detailed view of the specified data set.
File Count	FILED	Detailed view of information about CICS files associated with the data set.

**Note:** You can also display the DSNAMES view by issuing the SUM display command.

## DSNAMED – Data set details

The DSNAMED view shows detailed information about a data set associated with installed CICS files.

**Note:** Full data set information is not available when the open status of one or more files in the data set is CLOSED.

### Availability

The DSNAMED view is available all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 2.0.1 systems

### Access

#### Issue command:

```
DSNAMED dataset sysname
```

dataset Is the name of a data set that is associated with installed CICS files.

sysname Is the name of the CICS system where the data set is located. The CICS system must be within the current scope.

#### Hyperlink from:

the Dataset Name field of a DSNAMED, LOCFILE, or CMDTD view.

Figure 50 is an example of the DSNAMED view.

```

26MAR1999 18:26:19 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =DSNAME===DSNAMED==EYUPLX01=EYUPLX01=26MAR1999==18:26:11====CPSM=====1
Dataset Name...      PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCS
CICS System...      EYUMASIA
Access Method..     VSAM
Availability...     AVAILABLE
Object Type...      BASE
Base Dataset...     PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCS
File Count.....     1
Validity Check.     VALID
Backout Status.     NORMALBKOUT
Forward Rec Log     -1
Recovery Status     UNDETERMINED
Backup Type...     UNDETERMINED
Recovery LogStream  N/A
Lost Locks         N/A
Quiesce State..    N/A
Retained Locks.    NOTRETAINED

```

Figure 50. The DSNAMED view

### Action commands

Table 101 on page 133 shows the action commands you can issue from the DSNAMED view. The ovrtype field is shown in Table 102 on page 134.



The action commands and overtype field for the DSNAMED view are available for all managed CICS systems for which DSNAMED is valid, except as noted in Table 102 on page 134.

Table 101. DSNAMED view action commands

Primary command	Line command	Description
QUIesce	QUI	<p>Displays the Quiesce State for Dataset input panel (Figure 48 on page 130), which lets you specify whether the data set is to be immediately quiesced, quiesced when all units of work that are accessing the data set have reached syncpoint, or unquiesced.</p> <p>QUIesce is available for systems running the CICS TS for OS/390.</p>
REMove	REM	<p>Removes the association between the data set and its CICS system and deallocates the data set. A data set can be removed only if its file count is 0 and its backout status is NORMALBKOUT.</p> <p>REMove is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
ReSetLocks	RSL	<p>(VSAM only.) Purges shunted unit of work log records for backout-failed and commit-failed unit of work that hold locks on the data set, and releases the retained locks. All records relating to this data set are removed from the system log and all retained record locks held for the data set are released.</p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. This command cannot be used for shunted in-doubt units of work that hold locks on the data set. Before you issue the ReSetLocks command, use the UOW action command to resolve the in-doubt unit of work.</li> <li>2. When a ReSetLocks action fails during the commit phase, the units of work revert to being shunted as commit-failed.</li> </ol> <p>ReSetLocks is available for systems running the CICS TS for OS/390.</p>
n/a	SET	<p>Sets a data set attribute according to the new value you specify in an overtype field (see Table 102).</p> <p><b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.</p>

## files – DSNAMED

Table 101. DSNAMED view action commands (continued)

Primary command	Line command	Description
UOW	UOW	Displays the Shunted UOWs Holding Locks on Dataset input panel (Figure 49 on page 131), which lets you specify whether a shunted in-doubt unit of work that holds a lock on this data set should be backed out, committed, forced, or retried.  UOW is available for systems running the CICS TS for OS/390.

Table 102. DSNAMED view overtyping fields

Field name	Values
Availability	AVAILABLE   UNAVAILABLE (VSAM only) Modifiable in systems running the CICS TS for OS/390.
Backout Status	NORMALBKOUT   FAILEDBKOUT (VSAM only) Cannot be modified in systems running the CICS TS for OS/390.

## Hyperlinks

Table 103 shows the hyperlink field on the DSNAMED view.

Table 103. DSNAMED view hyperlink field

Hyperlink field	View displayed	Description
Base Dataset	DSNAMED	Detailed view of the base data set.

## DSNAMES – Data sets summary

The DSNAMES view shows summarized information about data sets associated with installed CICS files. DSNAMES is a summary form of the DSNAMES view.

**Note:** Full data set information is not available when the open status of one or more files in the data set is CLOSED.

### Availability

The DSNAMES view is available all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 2.0.1 systems

### Access

**Issue command:**

DSNAMES [dataset]

Where the parameters are the same as those for DSNAMES on page 128.

**Select:** FILE from the OPERATE menu, and DSNAMES from the FILE submenu.

**Summarize:**

Issue the SUM display command from a DSNAMES or DSNAMES view.

The DSNAMES view looks like the DSNAMES view shown in Figure 47 on page 128 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 104 shows the action commands you can issue from the DSNAMES view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype field is shown in Table 105 on page 136.

The action commands and overtype field in the DSNAMES view are available for all managed CICS systems for which DSNAMES is valid, except as noted in Table 105 on page 136.

Table 104. DSNAMES view action commands

Primary command	Line command	Description
n/a	QUI	Displays the Quiesce State for Dataset input panel (Figure 48 on page 130), which lets you specify whether the data set is to be immediately quiesced, quiesced when all units of work that are accessing the data set have reached syncpoint, or unquiesced.  QUI is available for systems running the CICS TS for OS/390.

Table 104. DSNAMES view action commands (continued)

Primary command	Line command	Description
n/a	REM	Removes the association between a data set and a CICS system and deallocates the data set. A data set can be removed only if its file count is 0 and its backout status is NORMALBKOUT.  REM is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems..
ReSetLocks dataset sysname	RSL	(VSAM only.) Purges shunted unit of work log records for backout-failed and commit-failed units of work that hold locks on the data set, and releases the retained locks. All records relating to this data set are removed from the system log and all retained record locks held for the data set are released.  <b>Notes:</b> 1. This command cannot be used for shunted in-doubt units of work that hold locks on the data set. Before you issue the ReSetLocks command, use the UOW action command to resolve the in-doubt unit of work. 2. When a ReSetLocks action fails during the commit phase, the units of work revert to being shunted as commit-failed.  ReSetLocks is available for systems running the CICS TS for OS/390.
n/a	SET	Sets a data set attribute according to the new value you specify in an oertype field (see Table 105). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.
n/a	UOW	Displays the Shunted UOWs Holding Locks on Dataset input panel (Figure 49 on page 131), which lets you specify whether a shunted in-doubt unit of work that holds a lock on this data set should be backed out, committed, forced, or retried.  UOW is available for systems running the CICS TS for OS/390.

Table 105. DSNAMES view oertype field

Field name	Values
Backout Status	NORMALBKOUT   FAILEDBKOUT (VSAM only) Cannot be modified in systems running the CICS TS for OS/390.

## Hyperlinks

From the DSNAMES view, you can hyperlink from the Count field to the DSNAME view to expand a line of summary data. The DSNAME view includes only those resources that were combined to form the specified summary line.

## FILE – Files

The FILE view shows general information about CICS files. Data is displayed for all types of CICS files, including local files, remote files, and files that have CICS- or user-maintained data tables, or coupling facility data tables, associated with them.

### Availability

The FILE view is available for all managed CICS systems.

### Access

#### Issue command:

```
FILE [file [ CFTBL|CTABL|LFILE|RFILE|UTABL]]
```

`file` Is the specific or generic name of a currently installed file, or \* for all files.

`CFTBL|CTABL|LFILE|RFILE|UTABL` Limits the view to files of the specified type:

**CFTBL** Coupling facility data table files

**CTABL** CICS-maintained data table files

**LFILE** Local CICS files

**RFILE** Remote CICS files

**UTABL** User-maintained data table files

If you omit this parameter, all types of CICS files are included in the view.

If you do not specify parameters, the view includes information about all files within the current scope.

**Select:** FILE from the OPERATE menu, and FILE from the FILE submenu.

Figure 51 on page 139 is an example of the FILE view.

```

26MAR1999 18:36:19 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>          SCROLL ==> PAGE
W1 =FILE=====EYUPLX01=EYUPLX01=26MAR1999==18:36:19====CPSM=====14
CMD File      CICS      Type
--- ID----- System-- -----
DFHCSD      EYUMAS1A  LFILE
DFHCSD      EYUMAS2A  LFILE
DFHCSD      EYUMAS3A  LFILE
DFHCSD      EYUMAS4A  LFILE
EYUFIL01    EYUMAS2A  RFILE
EYUFIL01    EYUMAS3A  RFILE
EYUFIL01    EYUMAS4A  LFILE
EYUFIL02    EYUMAS2A  RFILE
EYUFIL02    EYUMAS3A  RFILE
EYUFIL02    EYUMAS4A  LFILE
EYUFIL03    EYUMAS2A  RFILE
EYUFIL03    EYUMAS4A  LFILE
EYUFIL04    EYUMAS3A  RFILE
EYUFIL04    EYUMAS4A  LFILE

```

Figure 51. The FILE view

**Note:** All CICS for OS/2 2.0.1 files are reported as local files and are displayed in the LOCFILE view.

## Action commands

There are no action commands or overtype fields for the FILE view. To change a file's status or attributes, use one of the other file views, such as CMDTD, LOCFILE, or REMFILE.

## Hyperlinks

Table 106 shows the hyperlink field on the FILE view. The view that is displayed depends upon the value in the Type field.

Table 106. FILE view hyperlink fields

Hyperlink field	View displayed	Description
File ID	CMDTD	Detailed view of the specified data table file.
	LOCFILED	Detailed view of the specified local file.
	REMFILED	Detailed view of the specified remote file.

**Note:** You can also display the FILES view by issuing the SUM display command.

## FILED – File details

The FILED view shows detailed information about CICS files associated with a data set. Data is displayed for all types of CICS files, including local files, remote files, and files that have CICS- or user-maintained data tables associated with them.

### Availability

The FILED view is available for all managed CICS systems.

### Access

#### Hyperlink from:

the File Count field of the DSNAME view.

The FILED view looks like the FILE view shown in Figure 51 on page 139 with one addition: the Dsname field. This field appears next to the Type field, and indicates the data set name associated with the file.

### Action commands

There are no action commands or overtype fields for the FILED view. To change a file's status or attributes, use one of the other file views, such as CMDT, LOCFILE, or REMFILE.

### Hyperlinks

Table 107 shows the hyperlink field on the FILED view. The view that is displayed depends upon the value in the Type field.

Table 107. FILED view hyperlink fields

Hyperlink field	View displayed	Description
File ID	CMDTD	Detailed view of the specified data table file.
	LOCFILED	Detailed view of the specified local file.
	REMFILED	Detailed view of the specified remote file.



---

## FILES – Files summary

The FILES view shows summarized information about CICS files. FILES is a summary form of the FILE view.

### Availability

The FILES view is available for all managed CICS systems.

### Access

**Issue command:**

```
FILES [file [CTABL|LFILE|RFILE|UTABL]]
```

Where the parameters are the same as those for FILE on page 138.

**Select:** FILE from the OPERATE menu, and FILES from the FILE submenu.

**Summarize:**

Issue the SUM display command from a FILE or FILES view.

The FILES view looks like the FILE view shown in Figure 51 on page 139 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

There are no action commands or overwrite fields for the FILES view. To change a file's status or attributes, use one of the other file views, such as CMDT, LOCFILE, or REMFILE.

### Hyperlinks

From the FILES view, you can hyperlink from the Count field to the FILE view to expand a line of summary data. The FILE view includes only those resources that were combined to form the specified summary line.

## LOCFILE – Local files

The LOCFILE view shows general information about local CICS files. Examples of how to use this view can be found in:

- “Finding out which CICS systems a file is available to” on page 411
- “Correlating local and remote file names” on page 412

**Note:** All CICS for OS/2 2.0.1 files are reported as local files and are included in the LOCFILE view.

### Availability

The LOCFILE view is available for all managed CICS systems.

### Access

**Issue command:**

```
LOCFILE [file [enablestat [OPEN|CLOSED]]]
```

`file` Is the specific or generic name of a currently installed local file, or \* for all local files.

`enablestat` Limits the view to local files that have the specified enable status. Specify an enable status or \* to include all local files regardless of their enable status. The enable status values are:

**ENABLED**

Available for access.

**DISABLED**

Unavailable as a result of a SET DISABLED command.

**DISABLING**

Still being accessed after a SET DISABLED or SET CLOSED command.

**UNENABLED**

Unavailable as a result of a SET CLOSED command.

`OPEN|CLOSED` Limits the view to local files that are either open or closed. If you omit this parameter, local files are included in the view regardless of their open status.

If you do not specify parameters, the view includes information about all local files within the current scope.

**Select:** FILE from the OPERATE menu, and LOCFILE from the FILE submenu.

Figure 52 on page 143 is an example of the LOCFILE view.

```

26MAR1999 18:46:10 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =LOCFILE=====EYUPLX01=EYUPLX01=26MAR1999==18:46:10====CPSM=====8
CMD File      CICS      Enabled  Open   Add Bro Del Rea Upd LSR Dataset
--- ID----- System-- Status--- Status Opt Opt Opt Opt Opt --- Name-----
DFHCSD      EYUMAS1A UNENABLED CLOSED YES YES YES YES YES 00 PAYROLL.SALARY.A
DFHCSD      EYUMAS2A UNENABLED CLOSED YES YES YES YES YES 00 PAYROLL.SALARY.A
DFHCSD      EYUMAS3A UNENABLED CLOSED YES YES YES YES YES 00 PAYROLL.SALARY.A
DFHCSD      EYUMAS4A UNENABLED CLOSED YES YES YES YES YES 00 PAYROLL.SALARY.A
EYUFIL01    EYUMAS4A ENABLED   CLOSED NO  NO  NO YES NO 01
EYUFIL02    EYUMAS4A ENABLED   CLOSED NO  NO  NO YES NO 01
EYUFIL03    EYUMAS4A ENABLED   CLOSED NO  NO  NO YES NO 01
EYUFIL04    EYUMAS4A ENABLED   CLOSED NO  NO  NO YES NO 01

```

Figure 52. The LOCFILE view

## Action commands

Table 108 shows the action commands you can issue from the LOCFILE view. The overtyping fields are shown in Table 109 on page 144.

The action commands and overtyping fields for the LOCFILE view are available for all managed CICS systems for which LOCFILE is valid, except as noted in Table 108 and Table 109 on page 144.

Table 108. LOCFILE view action commands

Primary command	Line command	Description
CLS file sysname	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a file if it is still in use. When a file has been enabled by an OPEN action command, CLS disables the file.
DISable file sysname	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a file if it is still in use.
DiSCard file sysname	DSC	Discards a file from the CICS system where it is installed.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems..
ENable file sysname	ENA	Enables a file.
OPEn file sysname	OPE	Opens a file. When a file has been disabled by a CLS action command, OPEN enables the file.

## files – LOCFILE

Table 108. LOCFILE view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a file attribute according to the new value you specify in an overtyp field (see Table 109). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<b>Where:</b> <b>file</b> Is the specific or generic name of a local file. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 109. LOCFILE view overtyp fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Open Status	OPEN   CLOSED
Add Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Bro Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Del Opt	YES   NO (VSAM only) Cannot be modified for CICS for OS/2 3.0 and later systems.
Rea Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Upd Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
LSR	1-8 (VSAM Only)
Dataset Name	Any valid data set name Cannot be modified for systems running CICS/VSE 2.2 and 2.3 systems, or CICS for OS/2 systems.

## Hyperlinks

Table 110 shows the hyperlink fields on the LOCFILE view.

Table 110. LOCFILE view hyperlink fields

Hyperlink field	View displayed	Description
File ID	LOCFILED	Detailed view of the specified local file.
Dataset Name	DSNAMED	Detailed view of the data set associated with the specified file.

**Note:** You can also display the LOCFILES view by issuing the SUM display command.

## LOCFILED – Local file details

The LOCFILED view shows detailed information about a local CICS file.

### Availability

The LOCFILED view is available for all managed CICS systems.

### Access

#### Issue command:

```
LOCFILED file sysname
```

file Is the name of a currently installed local file.

sysname Is the name of the CICS system where the file is installed. The CICS system must be within the current scope.

#### Hyperlink from:

the File ID field of a FILE or LOCFILE view.

Figure 53 is an example of the LOCFILED view.

```

26MAR1999 18:46:19 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =LOCFILE==LOCFILED=EYUPLX01=EYUPLX01=26MAR1999==18:46:10====CPSM=====1
File ID.....      DFHCSO CICS System...  EYUMASIA Time Opened.. 00:00:00
Access Method      VSAM File Type....  NOTAPPLIC Time Closed.. 00:00:00
Enabled Stat.      UNENABLED Object Type...  BASE GMT Opened...    N/A
Open Status..      CLOSED Recovery Stat.  BASE GMT Closed...    N/A
Add Option...      YES Forward Recvr.  FWDRECOVA Strings.....  3
Browse Option      YES Journal ID...    1 String Wt Tot       0
Delete Option      YES Add Requests..   0 String Wt HC.       0
Read Option..      YES Browse Request   0 Activ String.       N/A
Update Option      YES Local Deletes.   0 ActString Wt.       N/A
Exclusive Opt      NOTAPPLIC Get Requests.. 0 LSR Pool ID..       00
Empty Option.      NOEMPTYREQ Get Upd Req...  0 EXCP VSAM Dat       0
Read Integrity     N/A Update Request   0 EXCP VSAM Idx       0
Disposition..      SHARE Bro Upd Count.  N/A Block Size...    N/A
Block Format        BLOCKED # Data Buffers  2 Record Size..      0
Record Format       VARIABLE # IDX Buffers.  1 Key Length...      0
Rel Type.....      N/A Rls Access Mode.  N/A Key Position.    0
                   Rls Req Timeout  N/A Block Key Len    N/A

```

Figure 53. The LOCFILED view

**Note:** Scroll to the right to see the name of the data sets associated with this file.

### Action commands

Table 111 on page 146 shows the action commands you can issue from the LOCFILED view. The overtype fields are shown in Table 112 on page 147.

The action commands and overtype fields for the LOCFILED view are available for all managed CICS systems for which LOCFILED is valid, except as noted in Table 111 on page 146 and Table 112 on page 147.

## files – LOCFILED

Table 111. LOCFILED view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a file if it is still in use. When the file has been enabled by an OPEN action command, CLS disables the file.
DISable	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a file if it is still in use.
DiSCard	DSC	Discards the file from the CICS system where it is installed.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable	ENA	Enables the file.
OPEn	OPE	Opens the file. When the file has been disabled by a CLS action command, OPEN enables the file.
n/a	SET	Sets a file attribute according to the new value you specify in an oertype field (see Table 112). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

Table 112. LOCFILED view overtyp fields

Field name	Values
Enabled Stat	ENABLED   DISABLED
Open Status	OPEN   CLOSED
Add Option	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Browse Option	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Delete Option	YES   NO (VSAM only) Cannot be modified for CICS for OS/2 3.0 and later systems.
Read Option	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Update Option	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Exclusive Opt	EXCTL   NOEXCTL (BDAM only) Cannot be modified for CICS/MVS 2.1.2 and CICS/VSE 2.2 systems.
Empty Option	EMPTYREQ   NOEMPTYREQ (VSAM only) Cannot be modified for CICS for OS/2 2.0.1 systems.
Disposition	OLD   SHARE Cannot be modified for CICS for OS/2 3.0 and later systems.
Strings	1-255 (VSAM only) Cannot be modified for CICS for OS/2 3.0 and later systems.
LSR Pool ID	1-8 (VSAM only)
Dataset Name	Any valid data set name Cannot be modified for systems running CICS/VSE 2.2 and 2.3 system, or CICS for OS/2 systems.

## Hyperlinks

Table 113 shows the hyperlink fields on the LOCFILED view.

Table 113. LOCFILED view hyperlink fields

Hyperlink field	View displayed	Description
Dataset Name Base Dataset	DSNAMED	Detailed view of the data set or base data set associated with this file.

## LOCFILES – Local files summary

The LOCFILES view shows summarized information about local CICS files. LOCFILES is a summary form of the LOCFILE view.

### Availability

The LOCFILES view is available for all managed CICS systems.

### Access

#### Issue command:

```
LOCFILES [file [enablestat [OPEN|CLOSED]]]
```

Where the parameters are the same as those for LOCFILE on page 142.

**Select:** FILE from the OPERATE menu, and LOCFILES from the FILE submenu.

#### Summarize:

Issue the SUM display command from a LOCFILE or LOCFILES view. The LOCFILES view looks like the LOCFILE view shown in Figure 52 on page 143 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 114 show the action commands you can issue from the LOCFILES view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype fields are shown in Table 115 on page 149.

The action commands and overtype fields for the LOCFILES view are available for all managed CICS systems for which LOCFILES is valid, except as noted in Table 114.

Table 114. LOCFILES view action commands

Primary command	Line command	Description
n/a	CLS	Displays the CLOSE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a file if it is still in use. When a file has been enabled by an OPEN action command, CLS disables the file.
n/a	DIS	Displays the DISABLE OPTIONS input panel (Figure 43 on page 118), which lets you specify how to handle a file if it is still in use.
n/a	DSC	Discards a file from the CICS system where it is installed.  DSC is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	ENA	Enables a file.



Table 114. LOCFILES view action commands (continued)

Primary command	Line command	Description
n/a	OPE	Opens a file. When a file has been disabled by a CLS action command, OPEN enables the file.
n/a	SET	Sets a file attribute according to the new value you specify in an oertype field (see Table 115). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

Table 115. LOCFILES view oertype fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Open Status	OPEN   CLOSED
Add Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Bro Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Del Opt	YES   NO (VSAM only) Cannot be modified for CICS for OS/2 3.0 and later systems.
Read Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.
Upd Opt	YES   NO Cannot be modified for CICS for OS/2 3.0 and later systems.

## Hyperlinks

From the LOCFILES view, you can hyperlink from the Count field to the LOCFILE view to expand a line of summary data. The LOCFILE view includes only those resources that were combined to form the specified summary line.

## LSRPBUD – LSR pool buffer details

The LSRPBUD view shows detailed information about buffer usage for LSR pools within a CICS system.

### Availability

The LSRPBUD view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
LSRPBUD lsrpool bufsize D|I|B sysname
```

lsrpool Is a numeric value between 0 and 8 identifying an LSR pool.

bufsize Is a numeric value indicating the buffer size.

D|I|B Identifies the buffer type as data (D), index (I), or both (B).

sysname Is the name of the CICS system where the pool is defined. The CICS system must be within the current scope.

#### Hyperlink from:

the ID field of the LSRPBUF view.

Figure 54 is an example of the LSRPBUD view.

```

26MAR1999 11:05:43 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =LSRPBUF==LSRPBUD==EYUPLX01==EYUPLX01=26MAR1999==11:05:43===CPSM=====
Pool ID.....          1 CICS System...  EYUMAS01
Buffer Size....        512 Buffer Reads...  12
Buffer Use.....        DATA Lookasides.... 12121
Buffers.....          112 Buffer Writes..   12
Hiper Buffers..        64 Buffer UIWs....   31
Buffer Stg KB..        224 Hiper Reads.... 1234
Hiper Stg KB...        8192 Hiper Read Err.  22
                          Hiper Writes...  888
                          Hiper Write Err  22

```

Figure 54. The LSRPBUD view

### Action commands

None.

### Hyperlinks

None.

## LSRPBUF – LSR pool buffers

The LSRPBUF view shows general information about buffer usage for LSR pools.

### Availability

The LSRPBUF view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
LSRPBUF [lsrpool [buffsize [D|I|B]]]
```

`lsrpool` Is a numeric value between 0 and 8 identifying an LSR pool or \* for all LSR pools.

`buffsize` Is a numeric value, indicating the buffer size, or \* for all buffer sizes.

`D|I|B` Limits the view to data buffers (D), index buffers (I), or buffers that are both (B). If you omit this parameter, the view includes information about buffer usage for the LSR pool or pools, regardless of buffer type. If you do not specify parameters, the view includes information about all LSR pools within the current scope.

**Select:** FILE from the OPERATE menu, and LSRPBUF from the FILE submenu.

Figure 55 is an example of the LSRPBUF view.

```

26MAR1999 11:05:43 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =LSRPBUF=====EYUPLX01==EYUPLX01=26MAR1999==11:05:43====CPSM=====
CMD LS Buffe U CICS  Buff Hbuff Buff      Buff  Hiper  Hiper
--- ID Size- - System-- Cnt-- Cnt-- Reads--- Writes-- Reads--- Writes--
   1   512 D EYUMAS01 12345 12345 23456789 12345678 12345678 34567890
   1  1024 D EYUMAS01 12345 12345
   1  2048 D EYUMAS01 12345 12345
   1 32768 D EYUMAS01 12345 12345

```

Figure 55. The LSRPBUF view

### Action commands

None.

### Hyperlinks

Table 116 shows the hyperlink field on the LSRPBUF view.

Table 116. LSRPBUF view hyperlink field

Hyperlink field	View displayed	Description
LS ID	LSRPBUD	Detailed view of the specified pool.

**Note:** You can also display the LSRPBUS view by issuing the SUM display command.

## LSRPBUS – LSR pool buffers summary

The LSRPBUS view shows summarized information about buffer usage for LSR pools. LSRPBUS is a summary form of the LSRPBUF view.

### Availability

The LSRPBUS view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

LSRPBUS [lsrpool]

Where the parameters are the same as those for the LSRPBUF view on page 151.

**Select:** FILE from the OPERATE menu, and LSRPBUS from the FILE submenu.

**Summarize:**

Issue the SUM display command from an LSRPBUF or LSRPBUS view. The LSRPBUS view looks like the LSRPBUF view shown in Figure 55 on page 151 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the LSRPBUS view, you can hyperlink from the Count field to the LSRPBUF view to expand a line of summary data. The LSRPBUF view includes only those resources that were combined to form the specified summary line.

## LSRPOOD – LSR pool details

The LSRPOOD view shows detailed information about an LSR pool.

### Availability

The LSRPOOD view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
LSRPOOD 1srpool sysname
```

1srpool Is a numeric value between 0 and 8 that identifies an LSR pool.

sysname Is the name of the CICS system where the LSR pool is defined.  
The CICS system must be within the current scope.

#### Hyperlink from:

the ID field of the LSRPOOL view.

Figure 56 is an example of the LSRPOOD view.

```

26MAR1999 11:05:43 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =LSRPOOL=LSRPOOD=EYUPLX01=EYUPLX01=26MAR1999==11:05:43==CPSM=====
Pool ID.....          1 CICS System... EYUMAS01
Create Time... 12:00:00 Time Deleted... 03:29:44
GMT Create.... 20:00:00 GMT Delete.... 03:29:44
Pool=====          Data Buffers===          Index Buffers==
Number Strings. 12345678 Buffer Reads... 12345678 Buffer Reads.. 12345678
String HWM.....          10 Buffer Writes.. 12345678 Buffer Writes. 12
String Waits...          0 Buffer UIWs.... 12345678 Buffer UIWs... 31
String Wt Peak.          0 Hiper Reads.... 12345678 Hiper Reads... 1234
Maximum Key Len          32 Hiper Read Err. 12345678 Hiper Read Err 22
Tot Data Buff..          112 Hiper Writes... 12345678 Hiper Writes.. 888
Tot Data Hbuff.          64 Hiper Writ Err. 12345678 Hiper Writ Err 22
Tot Indx Buff..          64
Tot Indx Hbuff.          32
Data Lookaside.          12121
Indx Lookaside.          1111
Data Index Sep. XXXXXXXX

```

Figure 56. The LSRPOOD view

### Action commands

None.

### Hyperlinks

Table 117 shows the hyperlink fields for the LSRPOOD view.

Table 117. MLSRPOOD view hyperlink field

Hyperlink field	View displayed	Description
Data Buffers	LSRPBUF	General view of the buffer usage for this LSR pool.
Index Buffers		

## LSRPOOL – LSR pools

The LSRPOOL view shows general information about LSR pools.

### Availability

The LSRPOOL view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
LSRPOOL [lsrpool]
```

`lsrpool` Is a numeric value between 0 and 8 that identifies an LSR pool. If you omit this parameter, the view includes information about all LSR pools within the current scope.

**Select:** FILE from the OPERATE menu, and LSRPOOL from the FILE submenu.

Figure 57 is an example of the LSRPOOL view.

```

26MAR1999 11:05:43 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1           ALT WIN ==>
W1 =LSRPOOL=====EYUPLX01==EYUPLX01=26MAR1999==11:05:43===CPSM=====
CMD  CICS   Str Str Strng  Data Buff Data Buff Indx Buff Indx Buff
--- ID System-- No-- HWM- Wait--- Read----- Write---- Read----- Write----
   1 EYUMAS01 1234 1234 1234567 123456789 123456789 123456789 123456789
   2 EYUMAS01 1234 1234 1234567 123456789 123456789 123456789 123456789

```

Figure 57. The LSRPOOL view

### Action commands

None.

### Hyperlinks

Table 118 shows the hyperlink field on the LSRPOOL view.

Table 118. LSRPOOL view hyperlink field

Hyperlink field	View displayed	Description
ID	LSRPOOD	Detailed view of the specified pool.

**Note:** You can also display the LSRPOOS view by issuing the SUM display command.

---

## LSRPOOS – LSR pools summary

The LSRPOOS view shows summarized information about LSR pools. LSRPOOS is a summary form of the LSRPOOL view.

### Availability

The LSRPOOS view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

LSRPOOS [lsrpool]

Where the parameters are the same as those for the LSRPOOL view on page 154.

**Select:** FILE from the OPERATE menu, and LSRPOOS from the FILE submenu.

**Summarize:**

Issue the SUM display command from an LSRPOOL or LSRPOOS view.

The LSRPOOS view looks like the LSRPOOL view shown in Figure 57 on page 154 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the LSRPOOS view, you can hyperlink from the Count field to the LSRPOOL view to expand a line of summary data. The LSRPOOL view includes only those resources that were combined to form the specified summary line.

## REMFILE – Remote files

The REMFILE view shows general information about remote CICS files. Remote files are files that are defined to the local CICS system, but reside in another CICS system. An example of how to use this view can be found in “Correlating local and remote file names” on page 412.

### Availability

The REMFILE view is available for all managed CICS systems except CICS for OS/2 2.0.1. All CICS for OS/2 2.0.1 files are reported as local files and are displayed in the LOCFILE view.

### Access

#### Issue command:

```
REMFILE [file [rem-file]]
```

file Is the specific or generic name of a currently installed remote file, or \* for all remote files.

rem-file Is the specific or generic name of a remote file as known to the CICS system where the file resides. Use this parameter to find out what CICS systems have a particular file defined as remote and what names they know it by.

If you do not specify parameters, the view includes information about all remote files within the current scope.

**Select:** FILE from the OPERATE menu, and REMFILE from the FILE submenu.

Figure 58 is an example of the REMFILE view.

```

26MAR1999 20:35:13 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =REMFILE=====EYUPLX01=EYUPLX01=26MAR1999==20:35:13====CPSM=====6
CMD File CICS Remote Rem
--- ID----- System-- Name---- Sysid
EYUFIL01 EYUMAS2A EYUFIL01 2A4A
EYUFIL01 EYUMAS3A EYUFIL01 3A4A
EYUFIL02 EYUMAS2A EYUFIL02 2A4A
EYUFIL02 EYUMAS3A EYUFIL02 3A4A
EYUFIL03 EYUMAS2A EYUFIL03 2A4A
EYUFIL04 EYUMAS3A EYUFIL04 3A4A

```

Figure 58. The REMFILE view

### Action commands

Table 119 on page 157 shows the action command you can issue from the REMFILE view.

The action command for the REMFILE view is available for all managed CICS systems for which REMFILE is valid, except as noted in Table 119 on page 157.



Table 119. REMFILE view action commands

Primary command	Line command	Description
DiSCard file sysname	DSC	Discards a remote file from the local CICS system.  DSC is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
<b>Where:</b> <b>file</b> Is the specific or generic name of a remote file. <b>sysname</b> Is the specific or generic name of a CICS system.		

## Hyperlinks

Table 120 shows the hyperlink field on the REMFILE view.

Table 120. REMFILE view hyperlink field

Hyperlink field	View displayed	Description
File ID	REMFILED	Detailed view of the specified remote file.

**Note:** You can also display the REMFILES view by issuing the SUM display command.

## REMFILED – Remote file details

The REMFILED view shows detailed information about a remote CICS file. Remote files are files that are defined to the local CICS system, but reside in another CICS system.

### Availability

The REMFILED view is available for all managed CICS systems except CICS for OS/2 2.0.1. All CICS for OS/2 2.0.1 files are reported as local files and are displayed in the LOCFILE view.

### Access

#### Issue command:

```
REMFILED file sysname
```

file Is the name of a currently installed remote file.

sysname Is the name of the local CICS system. The CICS system must be within the current scope.

#### Hyperlink from:

the File ID field of a FILE or REMFILE view.

Figure 59 is an example of the REMFILED view.

```

26MAR1999 20:43:20 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =REMFILE==REMFILED=EYUPLX01=EYUPLX01=26MAR1999==20:35:13====CPSM=====1
File ID..... EYUFIL01 CICS System.... EYUMAS2A Get Reqs.....      0
Remote Name.  EYUFIL01 Add Requests...  0 Get Upd Reqs..    0
Remote Sysid  2A4A Browse Requests      0 Update Reqs...   0
Key Length..   0 Remote Deletes.        0

```

Figure 59. The REMFILED view

### Action commands

Table 121 shows the action commands you can issue from the REMFILED view.

The action command for the REMFILED view is available for all managed CICS systems for which REMFILED is valid, except as noted in Table 121.

Table 121. REMFILED view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards the remote file from the local CICS system.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Hyperlinks

None.

## REMFILES – Remote files summary

The REMFILES view shows summarized information about remote CICS files. REMFILES is a summary form of the REMFILE view.

### Availability

The REMFILES view is available for all managed CICS systems except CICS for OS/2 2.0.1. All CICS for OS/2 2.0.1 files are reported as local files and are displayed in the LOCFILE view.

### Access

**Issue command:**

```
REMFILES [file [rem-file]]
```

Where the parameters are the same as those for REMFILE on page 156.

**Select:** FILE from the OPERATE menu, and REMFILES from the FILE submenu.

**Summarize:**

Issue the SUM display command from a REMFILE or REMFILES view.

The REMFILES view looks like the REMFILE view shown in Figure 58 on page 156 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 122 shows the action command you can issue from the REMFILES view. This action command affects all of the resources that were combined to form the summary line of data.

The action command for the REMFILES view is available for all managed CICS systems for which REMFILES is valid, except as noted in Table 122.

*Table 122. REMFILES view action commands*

Primary command	Line command	Description
n/a	DSC	Discards a remote file from the local CICS system.  DSC is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Hyperlinks

From the REMFILES view, you can hyperlink from the Count field to the REMFILE view to expand a line of summary data. The REMFILE view includes only those resources that were combined to form the specified summary line.

## files – REMFILES

---

## Chapter 10. Journals

For systems running a release of CICS prior to the CICS TS for OS/390 Release 1, the journal views show information about system management facility (SMF), disk, and tape journals within the current context and scope. For systems running the CICS TS for OS/390 Release 1 and later, CICSplex SM provides information about journal models, system and general logs, and log streams within the current context and scope.

The journal operations views are:

**DSKJRNL**

A general view of disk journals

**DSKJRNL D**

A detailed view of a disk journal

**DSKJRNL S**

A summary view of disk journals

**JOURNAL**

A general view of all CICS journals

**JOURNALS**

A summary view of all CICS journals

**JRNLMODL**

A general view of journal models

**JRNLMODS**

A summary view of journal models

**JRNLNAMD**

A detailed view of a system or general log

**JRNLNAM E**

A general view of system and general logs

**JRNLNAMS**

A summary view of system and general logs

**SMFJRNL**

A general view of system management facility (SMF) journals

**SMFJRNL D**

A detailed view of a SMF journal

**SMFJRNL S**

A summary view of SMF journals

**STREAMND**

A detailed view of an MVS log stream

**STREAMNM**

A general view of MVS log streams

**STREAMNS**

A summary view of MVS log streams

**TAPJRNL**

A general view of tape journals

## **journals**

### **TAPJRNL**

A detailed view of a tape journal

### **TAPJRNL**

A summary view of tape journals

### **VOLUME**

A general view of tape-journal volumes

### **VOLUMED**

A detailed view of a tape-journal volume

### **VOLUMES**

A summary view of tape-journal volumes

For details about the availability of journal views, see the individual view descriptions.

## DSKJRNL – Disk journals

The DSKJRNL view shows general information about disk journals.

### Availability

The DSKJRNL view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

**Issue command:**

DSKJRNL

**Select:** JOURNAL from the OPERATE menu, and DSKJRNL from the JOURNAL submenu.

Figure 60 is an example of the DSKJRNL view.

```

26MAR1999 18:24:38 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =DSKJRNL=====EYUPLX01=EYUPLX01=26MAR1999==18:24:38=CPSM=====4===
CMD ID  CICS  Type  Open  Archive DISKA  DISKB  DISKX
----- System-- ----- Status---- Status-- Status-- Status--
1 EYUMAS1A DISK2  OPENOUTPUT NOAUTOAR  READY  CURRENT  NOTAPPLI
1 EYUMAS2A DISK2PAU OPENOUTPUT REVERTED  CURRENT  NOTREADY  NOTREADY
1 EYUMAS3A DISK2PAU OPENOUTPUT REVERTED  CURRENT  NOTREADY  READY
1 EYUMAS4A DISK2PAU OPENOUTPUT REVERTED  READY  CURRENT  NOTREADY

```

Figure 60. The DSKJRNL view

### Action commands

Table 123 shows the action commands you can issue from the DSKJRNL view. The overtyp field is shown in Table 124 on page 164.

The action commands and overtyp field for the DSKJRNL view are available for all managed CICS systems for which DSKJRNL is valid, except CICS/MVS 2.1.2 and CICS/VSE 2.2.

Table 123. DSKJRNL view action commands

Primary command	Line command	Description
ADVance journal sysname	ADV	Switches a journal data set.
CLS journal sysname	CLS	Closes a journal.
OPEnoutput journal sysname	OPE	Opens a journal.

## journals – DSKJRNL

Table 123. DSKJRNL view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a journal attribute according to the new value you specify in an overtype field (see Table 124). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<b>Where:</b> <b>journal</b> Is a numeric journal ID. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 124. DSKJRNL view overtype field

Field name	Values
Open Status	ADVANCE   CLOSED   OPENOUTPUT

## Hyperlinks

Table 125 shows the hyperlink field on the DSKJRNL view.

Table 125. DSKJRNL view hyperlink field

Hyperlink field	View displayed	Description
ID	DSKJRNLID	Detailed view of the specified disk journal.

**Note:** You can also display the DSKJRNLID view by issuing the SUM display command.



## DSKJRNLD – Disk journal details

The DSKJRNLD view shows detailed information about a disk journal.

### Availability

The DSKJRNLD view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

#### Issue command:

```
DSKJRNLD journal sysname
```

journal Is a numeric value between 1 and 99 that identifies a disk journal.

sysname Is the name of the CICS system where the journal is located. The CICS system must be within the current scope.

#### Hyperlink from:

the Journal ID field of a JOURNAL or DSKJRNL view.

Figure 61 is an example of the DSKJRNLD view.

```

26MAR1999 18:43:08 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =DSKJRNL=DSKJRNLD=EYUPLX01=EYUPLX01=26MAR1999==18:43:08=CPSM=====1===
Journal ID.... 1 CICS System. EYUMAS1A Blocks Written. 30
Type..... DISK2 DISKA Status READY Records Written 101
Open Status... OPENOUTPUT DISKB Status CURRENT Buffer Full.... 0
Archive Status NOAUTOARCH DISKX Status NOTAPPLI Average Size... 246
Archive Submtd 0
Waits Archive. 0
Dataset Opens. 0

```

Figure 61. The DSKJRNLD view

### Action commands

Table 126 shows the action commands you can issue from the DSKJRNLD view. The overtype field is shown in Table 127 on page 166.

The action commands and overtype fields for the DSKJRNLD view are available for all managed CICS systems for which DSKJRNLD is valid, except CICS/MVS 2.1.2 and CICS/VSE 2.2.

Table 126. DSKJRNLD view action commands

Primary command	Line command	Description
ADVance	ADV	Switches the journal data set.
CLS	CLS	Closes the journal.
OPEnoutput	OPE	Opens the journal.

## journals – DSKJRNL

Table 126. DSKJRNL view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a journal attribute according to the new value you specify in an overtype field (see Table 127). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 127. DSKJRNL view overtype field

Field name	Values
Open Status	ADVANCE   CLOSED   OPENOUTPUT

## Hyperlinks

None.

## DSKJRNLS – Disk journals summary

The DSKJRNLS view shows summarized information about disk journals. DSKJRNLS is a summary form of the DSKJRNL view.

### Availability

The DSKJRNLS view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

**Issue command:**

DSKJRNLS

**Select:** JOURNAL from the OPERATE menu, and DSKJRNLS from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from a DSKJRNL or DSKJRNLS view.

The DSKJRNLS view looks like the DSKJRNL view shown in Figure 60 on page 163 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 128 shows the action commands you can issue from the DSKJRNLS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtyping fields are shown in Table 129 on page 168.

The action commands and overtyping fields for the DSKJRNLS view are available for all managed CICS systems for which DSKJRNLS is valid, except CICS/MVS 2.1.2 and CICS/VSE 2.2.

*Table 128. DSKJRNLS view action commands*

Primary command	Line command	Description
n/a	ADV	Switches a journal data set.
n/a	CLS	Closes a journal.
n/a	OPE	Opens a journal.
n/a	SET	Sets a journal attribute according to the new value you specify in an overtyping field (see Table 129 on page 168). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

## journals – DSKJRNLS

Table 129. DSKJRNLS view overtyping field

Field name	Values
Open Status	ADVANCE   CLOSED   OPENOUTPUT

### Hyperlinks

From the DSKJRNLS view, you can hyperlink from the Count field to the DSKJRNL view to expand a line of summary data. The DSKJRNL view includes only those resources that were combined to form the specified summary line.

## JOURNAL – Journals

The JOURNAL view shows general information about all SMF, disk, and tape journals.

### Availability

The JOURNAL view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

#### Issue command:

JOURNAL

**Select:** JOURNAL from the OPERATE menu, and JOURNAL from the JOURNAL submenu.

Figure 62 is an example of the JOURNAL view.

```

26MAR1999 18:42:10 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =JOURNAL=====EYUPLX01=EYUPLX01=26MAR1999==18:42:10=CPSM=====6===
CMD Journal CICS      Journal
--- ID----- System-- Type-----
      1 EYUMAS1A DISK2
      1 EYUMAS2A DISK2PAUSE
      1 EYUMAS3A DISK2PAUSE
      1 EYUMAS4A DISK2PAUSE
      2 EYUMAS1A SMF
      3 EYUMAS1A TAPE1
  
```

Figure 62. The JOURNAL view

### Action commands

There are no action commands or overwrite fields for the JOURNAL view. To change a journal's status or attributes, use one of the other journal views, such as DSKJRNL or TAPJRNL.

### Hyperlinks

Table 130 shows the hyperlink field on the JOURNAL view. The view that is displayed depends upon the value in the Type field.

Table 130. JOURNAL view hyperlink field

Hyperlink field	View displayed	Description
Journal ID	DSKJRNL	Detailed view of the specified disk journal.
	SMFJRNL	Detailed view of the specified SMF journal.
	TAPJRNL	Detailed view of the specified tape journal.

**Note:** You can also display the JOURNALS view by issuing the SUM display command.

## JOURNALS – Journals summary

The JOURNALS view shows summarized information about all SMF, disk, and tape journals. JOURNALS is a summary form of the JOURNAL view.

### Availability

The JOURNALS view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

**Issue command:**

JOURNALS

**Select:** JOURNAL from the OPERATE menu, and JOURNALS from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from a JOURNAL or JOURNALS view. The JOURNALS view looks like the JOURNAL view shown in Figure 62 on page 169 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

There are no action commands or overtype fields for the JOURNALS view. To change a journal's status or attributes, use one of the other journal views, such as DSKJRNL or TAPJRNL.

### Hyperlinks

From the JOURNALS view, you can hyperlink from the Count field to the JOURNAL view to expand a line of summary data. The JOURNAL view includes only those resources that were combined to form the specified summary line.

## JRNLMODL – Journal models

The JRNLMODL view shows general information about installed journal models and corresponding log stream names.

### Availability

The JRNLMODL view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

JRNLMODL

**Select:** JOURNAL from the OPERATE menu, and JRNLMODL from the JOURNAL submenu.

Figure 63 is an example of the JRNLMODL view.

```

26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> A
W1 =JRNLMODL=====EYUPLX01=EYUPLX01=26MAR1999==21:12:12=CPSM=====1===
CMD Model  Journal  CICS    Type    Logstream Name
----- System-- -----
JRNL SMM   DFHJ02   EYUMAS1A MVS      &USERID..&APPLID..&JNAME.

```

Figure 63. The JRNLMODL view

### Action commands

Table 131 shows the action command you can issue from the JRNLMODL view.

Table 131. JRNLMODL view action command

Primary command	Line command	Description
DiSCard journal sysname	DSC	Discards a journal model from the CICS system where it is installed.
<b>Where:</b> <b>journal</b> Is the specific or generic name of a journal. <b>sysname</b> Is the specific or generic name of a CICS system.		

### Hyperlinks

Table 132 shows the hyperlink fields on the JRNLMODL view.

Table 132. JRNLMODL view hyperlink fields

Hyperlink field	View displayed	Description
Journal	JRNLNAME	Status of the system log and general logs.

**Note:** You can also display the JRNLMODS view by issuing the SUM display command.

## JRNLMODS – Journal models summary

The JRNLMODS view shows summarized information about installed journal models and corresponding log stream names. JRNLMODS is a summary form of the JRNLMODL view.

### Availability

The JRNLMODS view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

JRNLMODS

**Select:** JOURNAL from the OPERATE menu, and JRNLMODS from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from a JRNLMODL or JRNLMODS view. The JRNLMODS view looks like the JRNLMODL view shown in Figure 63 on page 171 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 133 shows the action command you can issue from the JRNLMODS view. This action command affects all of the resources that were combined to form the summary line of data.

Table 133. JRNLMODS view action command

Primary command	Line command	Description
n/a	DSC	Discards a journal model from the CICS system where it is installed.

### Hyperlinks

From the JRNLMODS view, you can hyperlink from the Count field to the JRNLMODL view to expand a line of summary data. The JRNLMODL view includes only those resources that were combined to form the specified summary line.



## JRNLNAMD – Journal name details

The JRNLNAMD view shows detailed information about a system or general log.

### Availability

The JRNLNAMD view is available for systems running the CICS TS for OS/390.

### Access

#### Issue command:

```
JRNLNAMD journal sysname
```

journal Is the 1- to 8-character name of a journal.

sysname Is the name of the CICS system where the journal is located. The CICS system must be within the current scope.

#### Hyperlink from:

the Journal field of the JRNLNAME view.

Figure 64 is an example of the JRNLNAMD view.

```
26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> A
W1 =JRNLNAME=JRNLNAMD=EYUPLX01=EYUPLX01=26MAR1999==21:12:12=CPSM=====1===
Journal.... DFHJ02 Logstream Name &USER..&APPLID..&JNAME.
CICS System EYUMAS1A NumWrites..... 14
Status..... ENABLED NumBufFlshRq.. 14
Type..... MVS TotNumBytes... 2100
```

Figure 64. The JRNLNAMD view

## Action commands

Table 134 shows the action commands you can issue from the JRNLNAMD view. The overtyp field on the JRNLNAMD view is shown in Table 135 on page 174.

Table 134. JRNLNAMD view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards the journal name from the CICS system where it is installed.
FLUsh	FLU	Writes out the contents of the log buffers to the log stream. The journal is not closed.
INItialize	INI	Disconnects the journal from its log stream. The journal can be reopened by a journal write.
n/a	SET	Sets a journal name attribute according to the new value you specify in an overtyp field (see Table 135). <b>Note:</b> The value you specified in the Require Set field on the CICSplex SM entry panel determines whether or not you must use the SET command when you overtyp a field.

## journals – JRNLNAMD

*Table 135. JRNLNAMD view overtyping field*

Field name	Values
Status	ENABLED   DISABLED

## Hyperlinks

None.

## JRNLNAME – Journal names

The JRNLNAME view shows general information about the system log and general logs.

### Availability

The JRNLNAME view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

JRNLNAME

**Select:** JOURNAL from the OPERATE menu, and JRNLNAME from the JOURNAL submenu.

**Hyperlink from:**

the Journal field of the JRNLMODL view.

Figure 65 is an example of the JRNLNAME view.

```

26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> A
W1 =JRNLNAME=====EYUPLX01=EYUPLX01=26MAR1999==21:12:12=CPSM=====1===
CMD Journal CICS Status Type Logstream Name
----- System-----
DFHJ02 EYUMAS1A ENABLED MVS &USERID..&APPLID..&JNAME.

```

Figure 65. The JRNLNAME view

### Action commands

Table 136 shows the action commands you can issue from the JRNLNAME view. The overtyping field on the JRNLNAME view is shown in Table 137 on page 176.

Table 136. JRNLNAME view action commands

Primary command	Line command	Description
DiSCard journal sysname	DSC	Discards a journal name from the CICS system where it is installed.
FLUsh journal sysname	FLU	Writes out the contents of the log buffers to the log stream. The journal is not closed.
INItialize journal sysname	INI	Disconnects a journal from its log stream. The journal can be reopened by a journal write.
n/a	SET	Sets a journal name attribute according to the new value you specify in an overtyping field (see Table 137). <b>Note:</b> The value you specified in the Require Set field on the CICSplex SM entry panel determines whether or not you must use the SET command when you overtype a field.

## journals – JRNLNAME

Table 136. JRNLNAME view action commands (continued)

Primary command	Line command	Description
<b>Where:</b>		
<b>journal</b>	Is the specific or generic name of a journal.	
<b>sysname</b>	Is the specific or generic name of a CICS system.	

Table 137. JRNLNAME view oertype field

Field name	Values
Status	ENABLED   DISABLED

## Hyperlinks

Table 138 shows the hyperlink field on the JRNLNAME view.

Table 138. JRNLNAME view hyperlink field

Hyperlink field	View displayed	Description
Journal	JRNLNAMD	Detailed view of the specified system or general log.

**Note:** You can also display the JRNLNAMS view by issuing the SUM display command.

## JRNLNAMS – Journal names summary

The JRNLNAMS view shows summarized information about the system log and general logs. JRNLNAMS is a summary form of the JRNLNAME view.

### Availability

The JRNLNAMS view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

JRNLNAMS

**Select:** JOURNAL from the OPERATE menu, and JRNLNAMS from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from a JRNLNAME or JRNLNAMS view. The JRNLNAMS view looks like the JRNLNAME view shown in Figure 65 on page 175 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 139 shows the action commands you can issue from the JRNLNAMS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtyping field on the JRNLNAMS view is shown in Table 140.

Table 139. JRNLNAMS view action commands

Primary command	Line command	Description
n/a	DSC	Discards the journal name from the CICS system where it is installed.
n/a	FLU	Writes out the contents of the log buffers to the log stream. The journal is not closed.
n/a	INI	Disconnects the journal from its log stream. The journal can be reopened by a journal write.
n/a	SET	Sets a journal name attribute according to the new value you specify in an overtyping field (see Table 137 on page 176). <b>Note:</b> The value you specified in the Require Set field on the CICSplex SM entry panel determines whether or not you must use the SET command when you overtype a field.

Table 140. JRNLNAMS view overtyping field

Field name	Values
Status	ENABLED   DISABLED

## **journals – JRNLNAMS**

### **Hyperlinks**

From the JRNLNAMS view, you can hyperlink from the Count field to the JRNLNAME view to expand a line of summary data. The JRNLNAME view includes only those resources that were combined to form the specified summary line.

## SMFJRNL – SMF journals

The SMFJRNL view shows general information about SMF journals.

### Availability

The SMFJRNL view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

**Issue command:**

SMFJRNL

**Select:** JOURNAL from the OPERATE menu, and SMFJRNL from the JOURNAL submenu.

Figure 66 is an example of the SMFJRNL view.

```

26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =SMFJRNL=====EYUPLX01=EYUPLX01=26MAR1999==21:12:12=CPSM=====1===
CMD ID   CICS   Open   Avg   Blocks  Records  Buff
----- System-- Status-- Size- Written Written Full-
          2 EYUMAS1A OPENOUTPUT      0      0      0      0

```

Figure 66. The SMFJRNL view

### Action commands

None.

### Hyperlinks

Table 141 shows the hyperlink field on the SMFJRNL view.

Table 141. SMFJRNL view hyperlink field

Hyperlink field	View displayed	Description
ID	SMFJRNLID	Detailed view of the specified SMF journal.

**Note:** You can also display the SMFJRNLIS view by issuing the SUM display command.

## SMFJRNLD – SMF journal details

The SMFJRNLD view shows detailed information about an SMF journal.

### Availability

The SMFJRNLD view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

#### Issue command:

```
SMFJRNLD journal sysname
```

journal Is a numeric value between 1 and 99 that identifies an SMF journal.

sysname Is the name of the CICS system where the journal is located. The CICS system must be within the current scope.

#### Hyperlink from:

the Journal ID field of a JOURNAL or SMFJRNL view.

Figure 67 is an example of the SMFJRNLD view.

```
26MAR1999 21:12:38 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =SMFJRNL==SMFJRNLD=EYUPLX01=EYUPLX01=26MAR1999==21:12:12=CPSM=====1===
  Journal ID.      2 CICS System.... EYUMAS1A
  Open Status OPENOUTPUT  Records Written      0
                          Blocks Written.      0
                          Buffer Full....      0
                          Average Size...      0
```

Figure 67. The SMFJRNLD view

### Action commands

None.

### Hyperlinks

None.



---

## SMFJRNLS – SMF journals summary

The SMFJRNLS view shows summarized information about SMF journals. SMFJRNLS is a summary form of the SMFJRNL view.

### Availability

The SMFJRNLS view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

**Issue command:**

SMFJRNLS

**Select:** JOURNAL from the OPERATE menu, and SMFJRNLS from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from an SMFJRNL or SMFJRNLS view.

The SMFJRNLS view looks like the SMFJRNL view shown in Figure 66 on page 179 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the SMFJRNLS view, you can hyperlink from the Count field to the SMFJRNL view to expand a line of summary data. The SMFJRNL view includes only those resources that were combined to form the specified summary line.

## STREAMND – MVS log stream details

The STREAMND view shows detailed information about a currently connected MVS log stream.

### Availability

The STREAMND view is available for systems running the CICS TS for OS/390.

### Access

#### Issue command:

```
STREAMND strmname sysname
```

strmname Is the name of an MVS log stream.

sysname Is the name of the CICS system where the log stream is located.  
The CICS system must be within the current scope.

#### Hyperlink from:

The Logstream Name field of the STREAMNM view.

Figure 68 is an example of the STREAMND view.

```
26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> A
W1 =STREAMNM=STREAMND=EYUPLX01=EYUPLX01=26MAR1999==21:12:12=CPSM=====1===
Logstream Name &USERID..&APPLID..&JNAME. CICS System EYUMAS1A
NumWrites..... 1 Status..... FAILED
CurNumForcWr.. 2 System Log. NOSYSLOG
PkNumForcWr... 3 Usecount... 1
TotNumForcWr.. 4
NumBuffWait... 5
NumBrowseStr.. 6
NumBrowseRd... 7
NumDeletes.... 8
NumRetryErr... 9
NumBytes..... 8943462
NumBufApndRq.. 16
```

Figure 68. The STREAMND view

### Action commands

None.

### Hyperlinks

None.

## STREAMNM – MVS log streams

The STREAMNM view shows general information about currently connected MVS log streams.

### Availability

The STREAMNM view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

STREAMNM

**Select:** JOURNAL from the OPERATE menu, and STREAMNM from the JOURNAL submenu.

**Hyperlink from:**

The Logstream Name field of the MJRNLM view.

Figure 69 is an example of the STREAMNM view.

```

26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> A
W1 =STREAMNM=====EYUPLX01=EYUPLX01=26MAR1999==21:12:12=CPSM=====1===
CMD Logstream Name          CICS   Status  System  Usecount
-----
&USERID..&APPLID..&JNAME.  EYUMAS1A  FAILED  NOSYSLOG      1

```

Figure 69. The STREAMNM view

### Action commands

None.

### Hyperlinks

Table 142 shows the hyperlink field on the STREAMNM view.

Table 142. STREAMNM hyperlink fields

Hyperlink field	View displayed	Description
Logstream Name	STREAMND	Detailed view of the specified MVS log stream.

**Note:** You can also display the STREAMNS view by issuing the SUM display command.

## STREAMNS – MVS log streams summary

The STREAMNS view shows summarized information about currently connected MVS log streams. STREAMNS is a summary form of the STREAMNM view.

### Availability

The STREAMNS view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**  
STREAMNS

**Select:** JOURNAL from the OPERATE menu, and STREAMNS from the JOURNAL submenu.

**Summarize:**  
Issue the SUM display command from a STREAMNM or STREAMNS view.

The STREAMNS view looks like the STREAMNM view shown in Figure 69 on page 183 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the STREAMNS view, you can hyperlink from the Count field to the STREAMNM view to expand a line of summary data. The STREAMNM view includes only those resources that were combined to form the specified summary line.

## TAPJRNL – Tape journals

The TAPJRNL view shows general information about tape journals.

### Availability

The TAPJRNL view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

#### Issue command:

TAPJRNL

**Select:** JOURNAL from the OPERATE menu, and TAPJRNL from the JOURNAL submenu.

Figure 70 is an example of the TAPJRNL view.

```

26MAR1999 21:17:57 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =TAPJRNL=====EYUPLX01=EYUPLX01=26MAR1999==21:17:57=CPSM=====1===
CMD ID   CICS   Open   Curr   Last   Tapes  Tapes
----- System-- Status---- Volume Volume Opened Left-
          3 EYUMAS1A CLOSED                                0    0

```

Figure 70. The TAPJRNL view

### Action commands

Table 143 shows the action commands you can issue from the TAPJRNL view. The overtype field is shown in Table 144 on page 186.

The action commands and overtype field for the TAPJRNL view are available for all managed CICS systems for which TAPJRNL is valid, except CICS/MVS 2.1.2 and CICS/VSE 2.2.

Table 143. TAPJRNL view action commands

Primary command	Line command	Description
ADVance journal sysname	ADV	Advances the tape volume associated with a journal. <b>Note:</b> The journal must be open in order for the ADVANCE command to work.
CLS journal sysname	CLS	Closes a journal and rewinds the associated tape volume.
LEAve journal sysname	LEA	Closes a journal, but does not rewind the associated tape volume.
OPENoutput journal sysname	OPE	Opens a journal.

## journals – TAPJRNL

Table 143. TAPJRNL view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a journal attribute according to the new value you specify in an overtype field (see Table 144). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<b>Where:</b> <b>journal</b> Is a numeric journal ID. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 144. TAPJRNL view overtype field

Field name	Values
Open Status	ADVANCE   CLOSED   CLOSELEAVE   OPENOUTPUT

## Hyperlinks

Table 145 shows the hyperlink field on the TAPJRNL view.

Table 145. TAPJRNL hyperlink fields

Hyperlink field	View displayed	Description
ID	TAPJRNLD	Detailed view of the specified tape journal.

**Note:** You can also display the TAPJRNLS view by issuing the SUM display command.

## TAPJRNLD – Tape journal details

The TAPJRNLD view shows detailed information about a tape journal.

### Availability

The TAPJRNLD view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

#### Issue command:

```
TAPJRNLD journal sysname
```

journal Is a numeric value between 1 and 99 that identifies a tape journal.

sysname Is the name of the CICS system where the journal is located. The CICS system must be within the current scope.

#### Hyperlink from:

the Journal ID field of a JOURNAL or TAPJRNL view.

Figure 71 is an example of the TAPJRNLD view.

```
26MAR1999 21:20:59 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TAPJRNL==TAPJRNLD=EYUPLX01=EYUPLX01=26MAR1999==21:17:57=CPSM=====1===
Journal ID....      3 CICS System. EYUMAS1A Records Written      0
Type.....          TAPE1 Tapes Opened      0 Blocks Written.      0
Open Status...     CLOSED Tapes Left..      0 Buffer Full....      0
Current Volume
Last Vol Used.
Oldest Part...      -1
Average Size...      0
```

Figure 71. The TAPJRNLD view

### Action commands

Table 146 shows the action commands you can issue from the TAPJRNLD view. The overtype field is shown in Table 147 on page 188.

The action commands and overtype field for the TAPJRNLD view are available for all managed CICS systems for which TAPJRNLD is valid, except CICS/MVS 2.1.2 and CICS/VSE 2.2.

Table 146. TAPJRNLD view action commands

Primary command	Line command	Description
ADVance	ADV	Advances the tape volume associated with this journal. <b>Note:</b> The journal must be open in order for the ADVANCE command to work.
CLS	CLS	Closes the journal and rewinds the associated tape volume.

## journals – TAPJRNLD

Table 146. TAPJRNLD view action commands (continued)

Primary command	Line command	Description
LEAve	LEA	Closes the journal, but does not rewind the associated tape volume.
OPEnoutput	OPE	Opens the journal.
n/a	SET	Sets a journal attribute according to the new value you specify in an oertype field (see Table 147). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

Table 147. TAPJRNLD view oertype field

Field name	Values
Open Status	ADVANCE   CLOSED   CLOSELEAVE   OPENOUTPUT

## Hyperlinks

Table 148 shows the hyperlink fields on the TAPJRNLD view.

Table 148. TAPJRNLD hyperlink fields

Hyperlink field	View displayed	Description
Current Volume Last Vol Used	VOLUMED	Detailed view of the tape volume associated with this tape journal.
<b>Note:</b> The hyperlink to VOLUMED is not available when the Current Volume or Last Vol Used field is blank.		



## TAPJRNLS – Tape journals summary

The TAPJRNLS view shows summarized information about tape journals. TAPJRNLS is a summary form of the TAPJRNLS view.

### Availability

The TAPJRNLS view is available for all managed CICS systems except:

- CICS TS for OS/390
- CICS for OS/2 systems

### Access

**Issue command:**

TAPJRNLS

**Select:** JOURNAL from the OPERATE menu, and TAPJRNLS from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from a TAPJRNLS or TAPJRNLS view.

The TAPJRNLS view looks like the TAPJRNLS view shown in Figure 70 on page 185 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 149 shows the action commands you can issue from the TAPJRNLS view. These action commands affect all of the resources that were combined to form the summary line of data. The oertype field is shown in Table 150 on page 190.

The action commands and oertype field for the TAPJRNLS view are available for all managed CICS systems for which TAPJRNLS is valid, except CICS/MVS 2.1.2 and CICS/VSE 2.2.

Table 149. TAPJRNLS view action commands

Primary command	Line command	Description
n/a	ADV	Advances the tape volume associated with a journal. <b>Note:</b> The journal must be open in order for the ADVANCE command to work.
n/a	CLS	Closes a journal and rewinds the associated tape volume.
n/a	LEA	Closes a journal, but does not rewind the associated tape volume.
n/a	OPE	Opens a journal.

## journals – TAPJRNLS

Table 149. TAPJRNLS view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a journal attribute according to the new value you specify in an overtyping field (see Table 150). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 150. TAPJRNLS view overtyping field

Field name	Values
Open Status	ADVANCE   CLOSED   CLOSELEAVE   OPENOUTPUT

## Hyperlinks

From the TAPJRNLS view, you can hyperlink from the Count field to the TAPJRNLS view to expand a line of summary data. The TAPJRNLS view includes only those resources that were combined to form the specified summary line.

## VOLUME – Tape journal volumes

The VOLUME view shows general information about standard-labeled tape volumes associated with tape journals.

**Note:** No information is available about unlabeled tape volumes.

### Availability

The VOLUME view is available for CICS/ESA 3.3, CICS/ESA 4.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
VOLUME [volume [journal]] .
```

**volume** Is a specific or generic serial number of a standard-labeled tape volume or \* for all standard-labeled tape volumes.

**journal** Is the numeric identifier of a tape journal associated with a volume. Use this parameter to determine which tape volumes are associated with a particular journal.

If you do not specify parameters, the view includes information about all standard-labeled tape volumes within the current scope.

**Select:** JOURNAL from the OPERATE menu, and VOLUME from the JOURNAL submenu.

Figure 72 is an example of the VOLUME view.

```

26MAR1999 11:30:30 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =VOLUME=====EYUPLX01=EYUCSG01=26MAR1999==11:30:30=CPSM=====
CMD Volume CICS  ID Avail  Open  Empty  Date  Time  Part
--- Ser--- System-- -- Status--- Status-- Status- ----- Num--
123456 EYUMAS1A  1 OK    OPENED  EMPTY  02/01/94 12:12:00  1
123455 EYUMAS2A  2 READONLY  CLOSED  NOEMPTY 02/01/94 12:12:00  1
012345 EYUMAS1A  3 FOUTPUT  OPENING  EMPTY  02/01/94 12:12:00  2

```

Figure 72. The VOLUME view

### Action commands

Table 151 shows the action commands you can issue from the VOLUME view. The overtyping field is shown in Table 152 on page 192.

Table 151. VOLUME view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS JOURNAL VOLUME CREATE input panel (Figure 73 on page 192), which lets you create a standard-labeled tape volume for journaling.

## journals – VOLUME

Table 151. VOLUME view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a standard-labeled tape volume attribute according to the new value you specify in an overwrite field (see Table 152). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overwrite a field.
REMove volume sysname	REM	Removes a standard-labeled tape volume. When you remove a volume, it is no longer known to CICS, and cannot be used for journaling.
<b>Where:</b> <b>volume</b> Is a specific or generic serial number of a standard-labeled tape volume. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 152. VOLUME overwrite field

Field name	Values
Avail Status	OK   NOWRITE

When you issue the CREATE action command from the VOLUME view, the CICS JOURNAL VOLUME CREATE input panel appears, as shown in Figure 73. To create a standard-labeled tape volume for journaling, specify the CICS system, a

```

----- CICS JOURNAL VOLUME CREATE -----
COMMAND ==>

Specify the journal volume and options desired:

System      ==>          CICS System for Journal Volume
Volume      ==>          6-character Journal Volume
Available Status ==>      OK or NOWRITE
Journal Number ==>      Journal Number

Press Enter to create specified journal volume.
Type END or CANCEL to cancel journal volume create request.
  
```

Figure 73. The CICS JOURNAL VOLUME CREATE input panel

volume serial number, the volume's availability, and the number of the journal the volume will be associated with. When you issue the END command, the Information Display panel is redisplayed.

## Hyperlinks

Table 153 shows the hyperlink fields on the VOLUME view.

*Table 153. VOLUME view hyperlink fields*

Hyperlink field	View displayed	Description
Volume Ser	VOLUMED	Detailed view of the specified standard-labeled tape volume.
ID	TAPJRNL	Detailed view of the tape journal associated with the specified volume.

**Note:** You can also display the VOLUMES view by issuing the SUM display command.

## VOLUMED – Tape journal volume details

The VOLUMED view shows detailed information about a standard-labeled tape volume associated with a tape journal.

### Availability

The VOLUMED view is available for CICS/ESA 3.3, CICS/ESA 4.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

#### Issue command:

```
VOLUMED volume sysname
```

volume Is the serial number of a standard-labeled tape volume.

sysname Is the name of the CICS system that the volume is associated with. The CICS system must be within the current scope.

#### Hyperlink from:

one of these fields on the TAPJRNL view:

Curr Volume Last Volume

Figure 74 is an example of the VOLUMED view.

```

26MAR1999 11:30:30 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =VOLUME==VOLUMED==EYUPLX01=EYUCSG01=26MAR1999==11:30:30=CPSM=====
Volume Serial. 123456 CICS System EYUMAS1A
Journal Number 1 Date..... 26MAR1999
Avail Status.. OK Time..... 12:12:00
Open Status... OPENED Part Num... 1
Empty Status.. EMPTY
    
```

Figure 74. The VOLUMED view

### Action commands

Table 154 shows the action commands you can issue from the VOLUMED view. The overtype field is shown in Table 155 on page 195.

Table 154. VOLUMED view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS JOURNAL VOLUME CREATE input panel (Figure 73 on page 192), which lets you create a standard-labeled tape volume for journaling.

Table 154. VOLUMED view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a standard-labeled tape volume attribute according to the new value you specify in an oertype field (see Table 155). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.
REMove	REM	Removes the standard-labeled tape volume. When you remove a volume, it is no longer known to CICS, and cannot be used for journaling.

Table 155. VOLUMED oertype field

Field name	Values
Avail Status	OK   NOWRITE

## Hyperlinks

Table 156 shows the hyperlink field on the VOLUMED view.

Table 156. VOLUMED view hyperlink field

Hyperlink field	View displayed	Description
Journal Number	TAPJRNLD	Detailed view of the tape journal associated with this volume.

## VOLUMES – Tape journal volumes summary

The VOLUMES view shows summarized information about standard-labeled tape volumes associated with tape journals. VOLUMES is a summary form of the VOLUME view.

### Availability

The VOLUMES view is available for CICS/ESA 3.3, CICS/ESA 4.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

VOLUMES [volume [journal]]

Where the parameters are the same as those for VOLUME on page 191.

**Select:** JOURNAL from the OPERATE menu, and VOLUMES from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from a VOLUME or VOLUMES view. The VOLUMES view looks like the VOLUME view shown in Figure 72 on page 191 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 157 shows the action commands you can issue from the VOLUMES view. These action commands affect all of the resources that were combined to form the summary line of data. The overtyping field is shown in Table 158.

Table 157. VOLUMES view action commands

Primary command	Line command	Description
n/a	SET	Sets a standard-labeled tape volume attribute according to the new value you specify in an overtyping field (see Table 158). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
n/a	REM	Removes a standard-labeled tape volume. When you remove a volume, it is no longer known to CICS, and cannot be used for journaling.

Table 158. VOLUMES overtyping field

Field name	Values
Avail Status	OK   NOWRITE



## Hyperlinks

From the VOLUMES view, you can hyperlink from the Count field to the VOLUME view to expand a line of summary data. The VOLUME view includes only those resources that were combined to form the specified summary line.

## journals – VOLUMES

---

## Chapter 11. Programs

The program views show information about programs within the current context and scope.

The program operations views are:

**PROGRAM**

A general view of programs

**PROGRAMD**

A detailed view of a program

**PROGRAMJ**

A detailed view of the JVM Class value for the current program.

**PROGRAMS**

A summary view of programs

**RPLLIST**

A general view of the relocatable program library (DFHRPL) data sets for each CICS system

**RPLLISTD**

A detailed view of the DFHRPL data sets for a CICS system

**RPLLISTS**

A summary view of the DFHRPL data sets for each CICS system

For details about the availability of program views, see the individual view descriptions.

## PROGRAM – Programs

The PROGRAM view shows general information about currently installed programs.

### Availability

The PROGRAM view is available for all managed CICS systems.

### Access

#### Issue command:

```
PROGRAM [program [ENABLED|DISABLED]]
```

program Is the specific or generic name of a currently installed program, or \* for all programs.

ENABLED|DISABLED Limits the view to programs that are either enabled or disabled. If you omit this parameter, programs are included in the view regardless of their status.

If you do not specify parameters, the view includes information about all programs within the current scope.

**Select:** PROGRAM from the OPERATE menu, and PROGRAM from the PROGRAM submenu.

Figure 75 is an example of the PROGRAM view.

```

26MAR1999 20:25:10 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =PROGRAM=====EYUPLX01=EYUPLX01=26MAR1999==20:25:05====CPSM=====652
CMD Program CICS  Enabled Use      Current Program Shared CEDF
--- Name---- System-- Status-- Count-- Use---- Language- Status Option
DFHACP  EYUMAS1A  ENABLED  1      1  ASSEMBLER PRIVATE NOCEDF
DFHACP  EYUMAS2A  ENABLED  1      1  ASSEMBLER PRIVATE NOCEDF
DFHACP  EYUMAS3A  ENABLED  1      1  ASSEMBLER PRIVATE NOCEDF
DFHACP  EYUMAS4A  ENABLED  1      1  ASSEMBLER PRIVATE NOCEDF
DFHAKP  EYUMAS1A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
DFHAKP  EYUMAS2A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
DFHAKP  EYUMAS3A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
DFHAKP  EYUMAS4A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
DFHAMP  EYUMAS1A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
DFHAMP  EYUMAS2A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
DFHAMP  EYUMAS3A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
DFHAMP  EYUMAS4A  ENABLED  1      0  ASSEMBLER PRIVATE NOCEDF
    
```

Figure 75. The PROGRAM view

### Action commands

Table 159 on page 201 shows the action commands you can issue from the PROGRAM view. The overtype fields are shown in Table 160 on page 201.

The action commands and overtype fields for the PROGRAM view are available for all managed CICS systems for which PROGRAM is valid, except as noted in Table 159 on page 201 and Table 160 on page 201.

Table 159. PROGRAM view action commands

Primary command	Line command	Description
DISable program sysname	DIS	Disables a program.
DiSCard program sysname	DSC	Discards a program from the CICS system where it is installed. <b>Note:</b> Programs that have names beginning with DFH are supplied by CICS and cannot be disabled or discarded.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable program sysname	ENA	Enables a program.
NEWcopy program sysname	NEW	Loads a new copy of a program into memory, provided the program use count is 0.
PHAsein program sysname	PHA	Loads a new copy of a program into memory, regardless of the program use count.  PHAsein is available for CICS/VSE 2.3 and later systems and CICS/ESA 3.3 and later systems.
n/a	SET	Sets a program attribute according to the new value you specify in an overtyping field (see Table 160). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<p><b>Where:</b></p> <p><b>program</b> Is the specific or generic name of a program.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

Table 160. PROGRAM view overtyping fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Shared Status	SHARED   PRIVATE Modifiable for CICS/ESA 3.3 and later systems, CICS for OS/2 2.0.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
CEDF Option	CEDF   NOCEDF

## programs – PROGRAM

### Hyperlinks

Table 161 shows the hyperlink field on the PROGRAM view.

*Table 161. PROGRAM view hyperlink field*

Hyperlink field	View displayed	Description
Program Name	PROGRAMD	Detailed view of the specified program.

**Note:** You can also display the PROGRAMS view by issuing the SUM display command.

## PROGRAMD – Program details

The PROGRAMD view shows detailed information about a currently installed program. An example of how to use this view can be found in “Finding out which data set a program came from in a specified CICS system” on page 413.

### Availability

The PROGRAMD view is available for all managed CICS systems.

### Access

#### Issue command:

```
PROGRAMD program sysname
```

program Is the name of a currently installed program.

sysname Is the name of the CICS system where the program is installed.  
The CICS system must be within the current scope.

#### Hyperlink from:

the Program Name field of the PROGRAM, EXITGLUE, or EXITTRUD views, or the URM field of the TCPIPSD view.

Figure 76 is an example of the PROGRAMD view.

```

26MAR1999 20:28:00 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1      ALT WIN ==>
W1 =PROGRAM==PROGRAMD=EYUPLX01=EYUPLX01=26MAR1999==20:25:05=CPSM=====1
Program Name.   DFHACP CICS System...   EYUMAS1A Curr Use Cnt      1
Load Address.  043E5000 Exec Key.....  CICSEXECKEY Tot Use Cnt.  1
Entry Point..  843E5020 Execution Set.  FULLAPI Use In Intvl     1
Length.....   7328 Mirror Tranid.      AFF Newcopy Cnt.        0
Enable Status  ENABLED Shared Status.    PRIVATE Removed Cnt.    1
COBOL Type... NOTAPPLIC Current Loc...  ECDSA RPL Number..     0
Usage.....    PROGRAM Held Status...    NOHOLD Remote Name.
CEDF Option.. NOCEDF Fetch Time.... 00:00:00.00 Remote Sysid
Data Location  ANY Avg Fetch Time 00:00:00.00 Copy Required NOTREQUIRED
Dynam Status.NOTDYNAMIC Concurrency...  THREADSAFE Runtime.....  JVM
JVM Class....  JVM Debug.....      DEBUG
    
```

Figure 76. The PROGRAMD view

### Action commands

Table 162 shows the action commands you can issue from the PROGRAMD view. The overtypable fields are shown in Table 163 on page 204.

The action commands and overtypable fields for the PROGRAMD view are available for all managed CICS systems for which PROGRAMD is valid, except as noted in Table 162 and Table 163 on page 204.

Table 162. PROGRAMD view action commands

Primary command	Line command	Description
DISable	DIS	Disables the program.

## programs – PROGRAMD

Table 162. PROGRAMD view action commands (continued)

Primary command	Line command	Description
DiSCard	DSC	Discards the program from the CICS system where it is installed. <b>Note:</b> Programs that have names beginning with DFH are supplied by CICS and cannot be disabled or discarded.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable	ENA	Enables the program.
NEWcopy	NEW	Loads a new copy of the program into memory, provided the program use count is 0.
PHasein	PHA	Loads a new copy of the program into memory, regardless of the program use count.  PHasein is available for CICS/VSE 2.3, CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	SET	Sets a program attribute according to the new value you specify in an overtype field (see Table 163). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 163. PROGRAMD view overtype fields

Field name	Values
Enable Status	ENABLED   DISABLED
CEDF Option	CEDF   NOCEDF
Execution Set	DPLSUBSET   FULLAPI Cannot be modified for CICS for OS/2 3.0 and later systems.
Shared Status	SHARED   PRIVATE Modifiable for CICS/ESA 3.3 and later systems, CICS for OS/2 2.0.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

## Hyperlinks

Table 164 shows the hyperlink field on the PROGRAMD view.

Table 164. PROGRAMD view hyperlink field

Hyperlink field	View displayed	Description
RPL Number	RPLLISTD	Detailed view of the DFHRPL data sets associated with this program.
JVM Class	PROGRAMJ	Detailed view showing the JVM Class value for the program.



## PROGRAMJ – Program JVM Class value details

The PROGRAMJ view shows the JVM Class value for the current program. You may set the value by overtyping the input fields, but be aware that the five lines comprising this field form one 255-character value for the JVM Class value.

### Availability

The PROGRAMJ view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

#### Issue command:

```
PROGRAMJ program sysname
```

Where the parameters are the same as for PROGRAM on page 200.

#### Hyperlink from:

The JVM Class field on the PROGRAMD view.

The PROGRAMJ view is shown in 205.

```

26MAR1999 20:25:10 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1           ALT WIN ==>
W1 =PROGRAM==PROGRAMJ=EYUPLX01=EYUPLX01=26MAR1999==20:25:05====CPSM=====1

Program Name                                     TPPAY001
CICS System.                                     EYUMAS02
JVM Class => 012345678901234567890123456789012345678901234567890 <=
=> 012345678901234567890123456789012345678901234567890 <=
=> 012345678901234567890123456789012345678901234567890 <=
=> 012345678901234567890123456789012345678901234567890 <=
=> 012345678901234567890123456789012345678901234567890 <=

```

### Action commands

Table 165 shows the action command for the PROGRAMJ view. The overtype field is shown in Table 166.

The overtype field for the PROGRAMJ view is available for all managed CICS systems for which PROGRAMJ is valid.

Table 165. PROGRAMJ view action command

Primary command	Line command	Description
n/a	SET	Sets a program attribute according to the new value you specify in an overtype field (see Table 168). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 166. PROGRAMJ view overtype fields

Field name	Values
JVM Class	Up to 255 characters.

programs – PROGRAMJ

| **Hyperlinks**

| None.

## PROGRAMS – Programs summary

The PROGRAMS view shows summarized information about currently installed programs. PROGRAMS is a summary form of the PROGRAM view.

### Availability

The PROGRAMS view is available for all managed CICS systems.

### Access

**Issue command:**

PROGRAMS [program [ENABLED|DISABLED]]

Where the parameters are the same as those for PROGRAM on page 200.

**Select:** PROGRAM from the OPERATE menu, and PROGRAMS from the PROGRAM submenu.

**Summarize:**

Issue the SUM display command from a PROGRAM or PROGRAMS view. The PROGRAMS view looks like the PROGRAM view shown in Figure 75 on page 200 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 167 shows the action commands you can issue from the PROGRAMS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype fields are shown in Table 168 on page 208.

The action commands and overtype fields for the PROGRAMS view are available for all managed CICS systems for which PROGRAMS is valid, except as noted in Table 167 and Table 168 on page 208.

Table 167. PROGRAMS view action commands

Primary command	Line command	Description
n/a	DIS	Disables a program.
n/a	DSC	Discards a program from the CICS system where it is installed. <b>Note:</b> Programs that have names beginning with DFH are supplied by CICS and cannot be disabled or discarded.  DSC is available for CICS/ESA 3.3 and later systems.
n/a	ENA	Enables a program.
n/a	NEW	Loads a new copy of a program into memory, provided the program use count is 0.

## programs – PROGRAMS

Table 167. PROGRAMS view action commands (continued)

Primary command	Line command	Description
n/a	PHA	Loads a new copy of a program into memory, regardless of the program use count.  PHA is available for CICS/ESA 3.3 and later systems and CICS/VSE 2.3 and later systems.
n/a	SET	Sets a program attribute according to the new value you specify in an overtype field (see Table 168). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 168. PROGRAMS view overtype fields

Field name	Values
Enable Status	ENABLED   DISABLED
Shared Status	SHARED   PRIVATE Modifiable for CICS/ESA 3.3 and later systems, CICS for OS/2 2.0.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
CEDF Option	CEDF   NOCEDF

## Hyperlinks

From the PROGRAMS view, you can hyperlink from the Count field to the PROGRAM view to expand a line of summary data. The PROGRAM view includes only those resources that were combined to form the specified summary line.

## RPLLIST – DFHRPL data sets

The RPLLIST view shows general information about the relocatable program library data sets concatenated to the DFHRPL DDNAME for each CICS system. The data sets are listed in the order in which they appear in the DFHRPL. Using the RPLLIST view, you can determine the source data set of a loaded program.

### Availability

The RPLLIST view is available for all managed CICS systems except:

- All CICS for VSE releases
- CICS for OS/2 systems

### Access

**Issue command:**

```
RPLLIST [dataset]
```

dataset Is the specific or generic name of a DFHRPL data set.

**Select:** PROGRAM from the OPERATE menu, and RPLLIST from the PROGRAM submenu.

RPLLIST from a menu of OPERATE views.

Figure 77 is an example of the RPLLIST view.

```

26MAR1999 21:02:12 ----- INFORMATION DISPLAY -----
COMMAND ==>                               SCROLL ==> PAGE
CURR WIN ==> 1           ALT WIN ==>
W1 =RPLLIST=====EYUPLX01=EYUPLX01=26MAR1999==21:02:12====CPSM=====9
CMD RPL CICS  Dataset
--- Num System-- Name-----
  0 EYUMAS2A CUSTTEST.C330PTF.SDFHLOAD
  0 EYUMAS3A CUSTTEST.C330PTF.SDFHLOAD
  0 EYUMAS4A CUSTTEST.C330PTF.SDFHLOAD
  1 EYUMAS2A CICSTS13.CPSM.SAMPLES.LOADLIB
  1 EYUMAS3A CICSTS13.CPSM.SAMPLES.LOADLIB
  1 EYUMAS4A CICSTS13.CPSM.SAMPLES.LOADLIB
  2 EYUMAS2A CICSTS13.CPSM.AUTH.LOAD2
  2 EYUMAS3A CICSTS13.CPSM.AUTH.LOAD2
  2 EYUMAS4A CICSTS13.CPSM.AUTH.LOAD2
    
```

Figure 77. The RPLLIST view

### Action commands

None.

### Hyperlinks

Table 169 shows the hyperlink field on the RPLLIST view.

Table 169. RPLLIST view hyperlink field

Hyperlink field	View displayed	Description
CICS System	RPLLISTD	Detailed view of the DFHRPL data sets for the specified CICS system.

**Note:** You can also display the RPLLISTS view by issuing the SUM display command.

## RPLLISTD – DFHRPL data set details

The RPLLISTD view shows detailed information about the relocatable program library data sets concatenated to the DFHRPL DDNAME for a CICS system. The data sets are listed in the order in which they appear in the DFHRPL. An example of how to use this view can be found in “Finding out which data set a program came from in a specified CICS system” on page 413.

### Availability

The RPLLISTD view is available for all managed CICS systems except:

- All CICS for VSE releases
- CICS for OS/2 systems

### Access

**Issue command:**

RPLLISTD dataset sysname

dataset Is the specific or generic name of a DFHRPL data set.

sysname Is the name of the CICS system to which the DFHRPL data sets are defined.

**Hyperlink from:**

the CICS System field of the RPLLIST view or the RPL Number field of the PROGRAMD view.

The RPLLISTD view looks like the RPLLIST view shown in Figure 77 on page 209 except that it is for a single CICS system.

### Action commands

None.

### Hyperlinks

None.

## RPLLISTS – DFHRPL data sets summary

The RPLLISTS view shows summarized information about the relocatable program library data sets concatenated to the DFHRPL DDNAME for each CICS system. RPLLISTS is a summary form of the RPLLIST view.

### Availability

The RPLLISTS view is available for all managed CICS systems except:

- All CICS for VSE releases
- CICS for OS/2 systems

### Access

**Issue command:**

RPLLISTS [dataset]

dataset Is the specific or generic name of a DFHRPL data set.

**Select:** PROGRAM from the OPERATE menu, and RPLLISTS from the PROGRAM submenu.

**Summarize:**

Issue the SUM display command from an RPLLIST or RPLLISTS view.

The RPLLISTS view looks like the RPLLIST view shown in Figure 77 on page 209 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the RPLLISTS view, you can hyperlink from the Count field to the RPLLIST view to expand a line of summary data. The RPLLIST view includes only those resources that were combined to form the specified summary line.

## programs – RPLLISTS



---

## Chapter 12. Regions

The CICS region views show information about the CICS systems within the current context and scope.

The CICS region operations views are:

**CICSDSA**

A general view of dynamic storage areas (DSAs) within CICS systems

**CICSDSAD**

A detailed view of a DSA within a CICS system

**CICSDSAS**

A summary view of DSAs within CICS systems

**CICSRGN**

A general view of CICS systems

**CICSRGND**

A detailed view of a CICS system

**CICSRGNS**

A summary view of CICS systems

**CICSRGN2**

A detailed view of trace, dump, monitor, and statistics settings for a CICS system

**CICSRGN3**

A detailed view of tasks and program settings for a CICS system

**CICSRGN4**

A detailed view of task information for a CICS system

**SYSDUMP**

A general view of system dump codes associated with CICS systems

**SYSDUMPD**

A detailed view of a system dump code associated with a CICS system

**SYSDUMPS**

A summary view of system dump codes associated with CICS systems

**TRANDUMD**

A detailed view of a transaction dump code associated with a CICS system

**TRANDUMP**

A general view of transaction dump codes associated with CICS systems

**TRANDUMS**

A summary view of transaction dump codes associated with CICS systems

**TRNCLS**

A general view of the transaction classes for CICS systems

**TRNCLSD**

A detailed view of the transaction classes for a CICS system

**TRNCLSS**

A summary view of the transaction classes for CICS systems

## Regions

For details about the availability of CICS region views, see the individual view descriptions.

## CICSDSA – Dynamic storage areas

The CICSDSA view shows general information about dynamic storage areas (DSAs) within each CICS system.

### Availability

The CICSDSA view is available for all managed CICS systems except CICS for OS/2® 2.0.1.

### Access

#### Issue command:

```
CICSDSA [dsa]
```

dsa Is the specific or generic name of a DSA. If you omit this parameter, the view includes information about all DSAs within the current scope.

**Select:** REGION from the OPERATE menu, and CICSDSA from the REGION submenu.

Figure 78 is an example of the CICSDSA view.

```

26MAR1999 17:03:29 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =CICSDSA=====EYUPLX01=EYUPLX01=26MAR1999==17:03:29====CPSM=====20
CMD DSA      CICS          SOS   Free   DSA
--- Name---- System-- Access-- Size---- Cushion- Cnt-- Storage- Free%
CDSA      EYUMAS1A CICS      1048576  65536    0   643072  61.3
CDSA      EYUMAS2A CICS      1048576  65536    0   790528  75.4
CDSA      EYUMAS3A CICS      1048576  65536    0   790528  75.4
ECDSA     EYUMAS1A CICS      4194304  262144   0   917504  21.9
ECDSA     EYUMAS2A CICS      4194304  262144   0  1613824  38.5
ECDSA     EYUMAS3A CICS      4194304  262144   0  1622016  38.7
ERDSA     EYUMAS1A CICS      4194304  262144   0   811008  19.3
ERDSA     EYUMAS2A CICS      4194304  262144   0   815104  19.4
ERDSA     EYUMAS3A CICS      4194304  262144   0   815104  19.4
EUDSA     EYUMAS1A CICS      4194304  262144   0  4194304 100.0
EUDSA     EYUMAS2A CICS      4194304  262144   0  4194304 100.0
EUDSA     EYUMAS3A CICS      4194304  262144   0  4194304 100.0
UDSA      EYUMAS1A CICS      4194304  65536    0  4186112 99.8
UDSA      EYUMAS2A CICS      4194304  65536    0  4186112 99.8

```

Figure 78. The CICSDSA view

### Action commands

Table 170 on page 216 shows the action command you can issue from the CICSDSA view. The ovrtype field is shown in Table 171 on page 216.

The ovrtype field for the CICSDSA view is available for all managed CICS systems for which CICSDSA is valid, except as noted in Table 171 on page 216.

## Regions – CICSDSA

Table 170. CICSDSA view action command

Primary command	Line command	Description
n/a	SET	Sets a CICS DSA attribute according to the new value you specify in an oertype field (see Table 171). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.  SET is not available for CICS for OS/2 3.0 and later systems.

Table 171. CICSDSA view oertype field

Field name	Values
Cushion	0–DSA size value Cannot be modified for CICS/ESA 4.1 and later or CICS for OS/2 3.0 and later.

## Hyperlinks

Table 172 shows the hyperlink field on the CICSDSA view.

Table 172. CICSDSA view hyperlink field

Hyperlink field	View displayed	Description
DSA Name	CICSDSAD	Detailed view of the specified DSA.

**Note:** You can also display the CICSDSAS view by issuing the SUM display command.

## CICSDSAD – Dynamic storage area details

The CICSDSAD view shows detailed information about a dynamic storage area (DSA) within a CICS system.

### Availability

The CICSDSAD view is available for all managed CICS systems except CICS for OS/2 2.0.1.

### Access

#### Issue command:

```
CICSDSAD dsa sysname
```

dsa Is the name of a DSA.

sysname Is the name of the CICS system where the DSA is located. The CICS system must be within the current scope.

#### Hyperlink from:

the DSA Name field of the CICSDSA view.

Figure 79 is an example of the CICSDSAD view.

```

26MAR1999 17:03:41 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =CICSDSA==CICSDSAD=EYUPLX01=EYUPLX01=26MAR1999==17:03:29====CPSM=====1
DSA Name.....      CDSA CICS System... EYUMAS1A NOSTORAGE Cnt..      0
Size.....          1048576 Getmain Reqs..      6745 Requests Susp..      0
Cushion.....       65536 Freemain Reqs.      6641 Current Suspend      0
Free Stg Size.     643072 Add Subpool...       73 HWM Suspend....      0
Largest Free..    622592 Delete Subpool      41 Tasks Purged...      0
DSA Free%.....     61.3 Subpool Count.       32 Cushion Rel Cnt      0
DSA Limit.....     N/A Pool % Free...      61.3 Stg Violations.      0
Location.....      BELOW TotStor% Free.      61.3 SOS Count.....      0
Access.....        CICS HWM Free Stor.      N/A Time in SOS....      00:00:00
NIU Pgm Stor..    21872 LWM Free Stor.      N/A SubSpce Use====
StorProt Actve   N/A Current Alloc.      N/A CurUniq Users.      N/A
RentPgm Protct  N/A HWM Alloc.....      N/A CumUniq Users.      N/A
TranIsol Stat.   N/A                               HWMUniq Users.      N/A
                                       CurComm Users.      N/A
                                       CumComm Users.      N/A
                                       HWMComm Users.      N/A

```

Figure 79. The CICSDSAD view

### Action commands

Table 173 on page 218 shows the action command you can issue from the CICSDSAD view. The ovrtype field is shown in Table 174 on page 218.

The ovrtype field for the CICSDSAD view is available for all managed CICS systems for which CICSDSAD is valid, except as noted in Table 174 on page 218.

## Regions – CICSDSAD

Table 173. CICSDSAD view action command

Primary command	Line command	Description
n/a	SET	Sets a CICS DSA attribute according to the new value you specify in an overtype field (see Table 174). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.  SET is not available for CICS for OS/2 3.0 and later systems.

Table 174. CICSDSAD view overtype field

Field name	Values
Cushion	0–DSA size value Cannot be modified for CICS/ESA 4.1 and later and CICS for OS/2 3.0 and later.

## Hyperlinks

Table 175 shows the hyperlink field on the CICSDSAD view.

Table 175. CICSDSAD view hyperlink field

Hyperlink field	View displayed	Description
CICS System	CICSRGND	Detailed view of the CICS system associated with this DSA.

---

## CICSDSAS – Dynamic storage areas summary

The CICSDSAS view shows summarized information about dynamic storage areas (DSAs) within each CICS system. CICSDSAS is a summary form of the CICSDSA view.

### Availability

The CICSDSAS view is available for all managed CICS systems except CICS for OS/2 2.0.1.

### Access

**Issue command:**

CICSDSAS [dsa]

Where the parameters are the same as those for CICSDSA on page 215.

**Select:** REGION from the OPERATE menu, CICSDSAS from the REGION submenu.

**Summarize:**

Issue the SUM display command from a CICSDSA or CICSDSAS view.

The CICSDSAS view looks like the CICSDSA view shown in Figure 78 on page 215 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the CICSDSAS view, you can hyperlink from the Count field to the CICSDSA view to expand a line of summary data. The CICSDSA view includes only those resources that were combined to form the specified summary line.

## CICSRGN – CICS systems

The CICSRGN view shows general information about CICS systems. When a CICS system is part of an extended recovery facility (XRF) configuration, the information displayed is for the active CICS system in the configuration.

### Availability

The CICSRGN view is available for all managed CICS systems.

### Access

**Issue command:**  
CICSRGN

**Select:** REGION from the OPERATE menu, and CICSRGN from the REGION submenu.

Figure 80 is an example of the CICSRGN view.

```
#
# 26MAR1999 17:07:16 ----- INFORMATION DISPLAY -----
# COMMAND ==> SCROLL ==> PAGE
# CURR WIN ==> 1 ALT WIN ==>
# >W1 =CICSRGN=====EYUPLX01=EYUPLX01=26MAR1999==17:07:16====CPSM=====4
# CMD CICS Job MVS Act CICS CICS CPU Page Page Tot
# --- System-- Name---- Loc Task-- Status- Rel- Time---- In----- Out----- SIO
# EYUMAS1A EYUJMS1A CPSM 5 ACTIVE 0410 95 341 95
# EYUMAS2A EYUJMS2A CPSM 5 ACTIVE 0330 14 40 0
# EYUMAS3A EYUJMS3A CPSM 5 ACTIVE 0330 14 12 0
# EYUMAS4A EYUJMS4A CPSM 6 ACTIVE 0330 15 1 0
#
#
```

Figure 80. The CICSRGN view

### Action commands

Table 176 on page 221 shows the action commands you can issue from the CICSRGN view. The action commands for the CICSRGN view are available for all managed CICS systems for which CICSRGN is valid, except as noted in Table 176 on page 221.



Table 176. CICS/SGN view action commands

Primary command	Line command	Description
ARMrestart sysname	ARM	<p>Requests the immediate cancellation and restart of a CICS system using the MVS/ESA automatic restart manager (ARM). For ARM restart to be successful, the CICS system must:</p> <ul style="list-style-type: none"> <li>• Be known to CICSplex SM as a local MAS</li> <li>• Be running in an MVS/ESA image where ARM is active</li> <li>• Have successfully registered with ARM during initialization</li> <li>• Be eligible for restart according to current ARM policy</li> </ul> <p>ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
GMM sysname	GMM	<p>Displays the Good Morning Message Text input panel (Figure 81 on page 222), which lets you enter a message to be displayed by the CICS Good Morning transaction (CSGM).</p> <p>GMM is available for CICS/ESA 4.1 and later systems and CICS/VSE 2.3 and later systems.</p>
IMMshut sysname	IMM	<p>Shuts down a CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.</p>
INIitialize sysname	INI	<p>Initializes the CICS system date and time to match the MVS system date and time-of-day.</p>
NORmshut sysname	NOR	<p>Shuts down a CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.</p>
SECurity sysname	SEC	<p>Rebuilds the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt.</p> <p>The SEC command is available for CICS/MVS 2.1.2, CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p> <p><b>Note:</b> The SEC command cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.</p>

## Regions – CICS RGN

Table 176. CICS RGN view action commands (continued)

Primary command	Line command	Description
SHUtdown sysname	SHU	Displays the CICS SHUTDOWN input panel (Figure 82 on page 223), which lets you specify a normal, immediate, or XRF takeover shutdown, a shutdown transaction, the dump option, and the PLT and XLT suffixes.
SNAp sysname	SNA	Displays the CICS SNAP input panel (Figure 83 on page 224), which lets you specify the options to be used for a snap dump.  SNAP is not available for CICS for OS/2 systems.
STAts sysname	STA	Displays the CICS STATISTICS input panel (Figure 84 on page 224), which lets you write statistical data for the CICS system to a system management facility (SMF) data set.  STAts is not available for CICS for OS/2 systems.
TAKeover sysname	TAK	Shuts down a CICS system and transfers control of the resources to its XRF partner.
<p><b>Where:</b>  <b>sysname</b>            Is the specific or generic name of a CICS system.</p>		

When you issue the GMM action command from the CICS RGN view, the CICS Good Morning Message Text input panel appears, as shown in Figure 81.

```

----- CICS Good Morning Message Text for EYUMAS1A-----
COMMAND ==>

GMM Transid ==> CSGM

GMM Text:

TEXT LENGTH MAX 246 CHARACTERS

Change Text by typing over existing text.
Press Enter to accept changes.
Type END or CANCEL to terminate changes.

```

Figure 81. The CICS Good Morning Message Text input panel

To enter a message, type the new text (overtyping any existing text). You can enter up to 246 characters over 4 lines. Press Enter to accept new text. Press End to process changes or Cancel to terminate changes.

**Note:** The good morning message feature is available only for CICS systems running CICS/ESA 4.1 and later, or CICS/VSE 2.3 and later.

When you issue the SHUTDOWN action command from the CICS/SGN view, the CICS SHUTDOWN input panel appears, as shown in Figure 82.

```

----- CICS SHUTDOWN FOR EYUMAS1A -----
COMMAND ==>

Specify the options to be used for this shutdown of CICS

Shutdown Type ==> NORMAL          Normal, Immediate, or Takeover
Shutdown Dump ==> NO              Yes or No
Allow Restart ==> YES             Yes or No

Transaction Id ==>                4 Character Shutdown Transaction Id
                                   - NO indicates NO shutdown transaction
                                   - Blank indicates default shutdown transaction

PLTSD Suffix ==> NO               2 Character suffix for shutdown PLT.
                                   - NO indicates no shutdown PLT
                                   - Blank indicates default shutdown PLT

XLT Suffix ==> NO                 2 Character suffix for shutdown XLT.
                                   - NO indicates no shutdown XLT
                                   - Blank indicates default shutdown XLT

Press Enter to continue CICS shutdown.
Type END or CANCEL to cancel shutdown request.

```

*Figure 82. The CICS SHUTDOWN input panel*

To shut down a CICS system, specify the type of shutdown, whether or not you want a dump to be taken, whether or not the CICS system should be restarted automatically, and, optionally, the 2-character suffixes of the program list table (PLT) and transaction list table (XLT) to be used.

For systems running the CICS TS for OS/390, if you specify Normal in the Shutdown Type field, you may also specify a shutdown transaction in the Transaction Id field. This transaction will override the transaction specified in the SDTRAN system initialization parameter. Alternatively, you may specify No in this field to shutdown the CICS system without any transaction.

When you issue the SNAP action command from the CICS/SGN view, the CICS SNAP input panel appears, as shown in Figure 83 on page 224.

## Regions – CICS RGN

```
----- CICS SNAP -----  
COMMAND ==>  
  
Specify the options to be used for this dump of CICS:  
  
Dump Code ==> NORMAL          1- to 8-character dump code  
Caller      ==> NO            1- to 8-character caller ID  
  
                                TITLE (79 characters)  
  
Press Enter to continue CICS dump with the options specified.  
Type END or CANCEL to terminate dump request.
```

Figure 83. The CICS SNAP input panel

To obtain a CICS snap dump, specify a 1- to 8-character dump code and, optionally, a 1- to 8-character caller ID and a title of up to 79 characters.

**Note:** For CICS systems running CICS/MVS® 2.1.2, the dump output is not available until the dump data set is either switched or closed.

When you issue the STATS action command from the CICS RGN view, the CICS STATISTICS input panel appears, as shown in Figure 84.

To request statistics for all resources in a CICS system, type YES in the All field. To

```
----- CICS STATISTICS -----  
COMMAND ==>  
  
Specify the CICS statistics to be collected:  
  
All ==> NO  
Autoinstall ==> NO      Storage ==> NO  
Connection ==> NO      Sysdump ==> NO      FEPI ==> NO  
Dispatcher ==> NO      Tablemgr ==> NO      Prgm AInst ==> NO  
DTB ==> NO             Taskcontrol ==> NO  
File ==> NO             TranClass ==> NO  
IRCbatch ==> NO        TDqueue ==> NO  
Journal ==> NO         Terminal ==> NO  
LSR ==> NO             Trandump ==> NO  
Monitor ==> NO         Transaction ==> NO  
Program ==> NO         TSqueue ==> NO  
Stats ==> NO           VTAM ==> NO  
  
Reset statistics ==> NO  
  
Press Enter to continue statistics request.  
Type END or CANCEL to cancel without collecting statistics.
```

Figure 84. The CICS STATISTICS input panel

request statistics for selected resources, type YES in one or more individual resource fields. You can also reset the statistics after they have been collected by typing YES in the Reset statistics field.

## Hyperlinks

Table 177 shows the hyperlink field on the CICS RGN view.

*Table 177. CICS RGN view hyperlink field*

Hyperlink field	View displayed	Description
CICS System	CICS RGN	Detailed view of the specified CICS system.

**Note:** You can also display the CICS RGN view by issuing the SUM display command.

## CICSRGND – CICS system details

The CICSRGND view shows detailed information about a CICS system.

### Availability

The CICSRGND view is available for all managed CICS systems.

### Access

**Issue command:**

```
CICSRGND sysname
```

sysname Is the name of a CICS system within the current scope.

**Hyperlink from:**

the CICS System field of a CICSRGND or CICSDDSAD view.

Figure 85 is an example of the CICSRGND view.

```

26MAR1999 17:07:30 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =CICSRGND=CICSRGND=EYUPLX01=EYUPLX01=26MAR1999==17:07:16====CPSM=====1
CICS Release... 0330 Start Time... 09:41:01 Monitor Stat. ON
Job Name..... EYUJMS1A Totl CPU..... 00:00:06.2 Recordng Stat OFF
VTAM Applid... EYUMAS1A Totl Page In. 341 Dump Status.. SYSDUMP
Location..... CPSM Totl Page Out 95 Trace Status. SYSTEMON
CICS Sysid.... MS1A Totl SIO Cnt. 2681 AUXTrace Stat AUXSTOP
AKP..... 200 Totl Real Stg 1572 RRMS Status.. N/A
MRO Batch..... 1 Current Tasks 5 External Sec. NOSECURITY
Priority Aging.. 1 Trn Isol Stat N/A Startup Stat. COLDSTART
Runaway Time... 20000 RPL Reopens.. 0 Autoinstn Info 100
Scan Delay..... 100 VTAM ACB..... OPEN Prgm AIn Exit N/A
Xit Wait Time.. 1000 Times Max RPL 0 Cat AIn Prgm. N/A
Library Loads.. 268 Max RPL Postd 0 Dyn Route Pgm EYU9XLOP
Tot Load Time.. 6 VTAM SOS Cnt. 0 Dst Route Pgm NO
Cur Load Wait.. 0 VTAM Dyn Open 0 Storage Prot. INACTIVE
Tot Load Wait.. 1 XRF Status... NOTAPPLI TskRec ConvSt N/A
Max Load Wait.. 1 IRC Status... OPEN ShutDown Tran CESD
Cnt Max Wait... 1 CMD Protect.. N/A
Tot Wait Time.. 00:02:51 RentProg Prot N/A
Dflt Remote Sys N/A SOS Status... NOTSOS
MVS System Name MVS30
    
```

Figure 85. The CICSRGND view

### Action commands

Table 178 on page 227 shows the action commands you can issue from the CICSRGND view. The overtyp fields are shown in Table 179 on page 228.

The action commands and overtyp fields for the CICSRGND view are available for all managed CICS systems for which CICSRGND is valid, except as noted in Table 178 on page 227 and Table 179 on page 228.

Table 178. CICSRGND view action commands

Primary command	Line command	Description
ARMrestart	ARM	<p>Requests the immediate cancellation and restart of a CICS system using the MVS/ESA automatic restart manager (ARM). For ARM restart to be successful, the CICS system must:</p> <ul style="list-style-type: none"> <li>• Be known to CICSplex SM as a local MAS</li> <li>• Be running in an MVS/ESA image where ARM is active</li> <li>• Have successfully registered with ARM during initialization</li> <li>• Be eligible for restart according to current ARM policy</li> </ul> <p>ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
GMM	GMM	<p>Displays the Good Morning Message Text input panel (Figure 81 on page 222), which lets you enter a message to be displayed by the CICS Good Morning transaction (CSGM).</p> <p>GMM is available for CICS/ESA 4.1 and later systems and CICS/VSE 2.3 and later systems.</p>
IMMshut	IMM	<p>Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.</p>
INIitialize	INI	<p>Initializes the CICS system date and time to match the MVS system date and time-of-day.</p>
NORmshut	NOR	<p>Shuts down the CICS system normally. The system is shut down as soon as all active tasks and SNA sessions within the system are completed.</p>
SECurity	SEC	<p>Rebuilds the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt.</p> <p>The SECurity command is available for CICS/MVS 2.1.2 , CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p> <p><b>Note:</b> The SEC command cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.</p>

## Regions – CICSRGND

Table 178. CICSRGND view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a CICS system attribute according to the new value you specify in an overtyping field (see Table 179). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
SHUtdown	SHU	Displays the CICS SHUTDOWN input panel (Figure 82 on page 223), which lets you specify a normal, immediate, or XRF takeover shutdown, a shutdown transaction, dump option, and the PLT and XLT suffixes.
SNAP	SNA	Displays the CICS SNAP input panel (Figure 83 on page 224), which lets you specify the options to be used for a snap dump.  SNAP is not available for CICS for OS/2 systems.
STAts	STA	Displays the CICS STATISTICS input panel (Figure 84 on page 224), which lets you write statistical data for the CICS system to a system management facility (SMF) data set.  STAts is not available for CICS for OS/2 systems.
TAKeover	TAK	Shuts down the CICS system and transfers control of the resources to its XRF partner.

Table 179. CICSRGND view overtyping fields

Field name	Values
AKP	200–65535 <b>Note:</b> This field is not modifiable when it contains a value of N/A, which means the activity keypoint facility is not active in the CICS system.
MRO Batch	1–255
Priority Aging	0–65535
Runaway Time	0   500–2700000 (rounded down to nearest 500)
Scan Delay	0–5000 Cannot be modified for CICS for OS/2 3.0 and later systems.
Xit Wait Time	100–20000
VTAM ACB	OPEN   CLOSED   IMMCLOSE   FORCECLOSE
IRC Status	OPEN   CLOSED   IMMCLOSE
Monitor Stat	ON   OFF
Recording Stat	ON   OFF
Dump Status	SYSDUMP   NOSYSDUMP



Table 179. CICSRGND view overtyp fields (continued)

Field name	Values
Trace Status	SYSTEMON   SYSTEMOFF Modifiable for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
AUXTrace Stat	AUXSTART   AUXSTOP   AUXPAUSE   SWITCH
Prgm AIn Exit	Any valid program name
Cat AIn Prgm	CTLGALL   CTLGMODIFY   CTLGNONE
Dyn Route Pgm	Any valid program name
TskRec ConvSt	CONVERSE   NOCONVERSE
Dst Route Pgm	NONE   any valid program name

## Hyperlinks

Table 180 shows the hyperlink fields on the CICSRGND view.

Table 180. CICSRGND view hyperlink fields

Hyperlink field	View displayed	Description
Monitor Status Recording Stat Dump Status	CICSRGN2	Detailed view of the monitor, statistics, dump, trace, and auxiliary trace settings for the CICS system.
Current Tasks	CICSRGN3	Detailed view of the current tasks for the CICS system.
Autoinst Info	CICSRGN4	Detailed view of autoinstall information.

## CICSRGNS – CICS systems summary

The CICSRGNS view shows summarized information about CICS systems. CICSRGNS is a summary form of the CICS RGN view.

### Availability

The CICSRGNS view is available for all managed CICS systems.

### Access

**Issue command:**

CICSRGNS

**Select:** REGION from the OPERATE menu, and CICSRGNS from the REGION submenu.

**Summarize:**

Issue the SUM display command from a CICS RGN or CICSRGNS view. The CICSRGNS view looks like the CICS RGN view shown in Figure 80 on page 220 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 181 shows the action commands you can issue from the CICSRGNS view. These action commands affect all of the resources that were combined to form the summary line of data.

The action commands for the CICSRGNS view are available for all managed CICS systems for which CICSRGNS is valid, except as noted in Table 181.

*Table 181. CICSRGNS view action commands*

Primary command	Line command	Description
n/a	ARM	<p>Requests the immediate cancellation and restart of a CICS system using the MVS/ESA automatic restart manager (ARM). For ARM restart to be successful, the CICS system must:</p> <ul style="list-style-type: none"> <li>• Be known to CICSplex SM as a local MAS</li> <li>• Be running in an MVS/ESA image where ARM is active</li> <li>• Have registered with ARM during initialization</li> <li>• Be eligible for restart according to current ARM policy</li> </ul> <p>ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>

Table 181. CICS RGNS view action commands (continued)

Primary command	Line command	Description
n/a	GMM	Displays the Good Morning Message Text input panel (Figure 81 on page 222), which lets you enter a message to be displayed by the CICS Good Morning transaction (CSGM).  GMM is available for CICS/ESA 4.1 and later systems and CICS/VSE 2.3 and later systems.
n/a	IMM	Shuts down a CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.
n/a	INI	Initializes the CICS system date and time to match the MVS system date and time-of-day.
n/a	NOR	Shuts down a CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.
n/a	SEC	Rebuilds the in-storage external security manager (ESM) profiles for a CICS system. The copies of the profiles that reside in the managing CMAS are also rebuilt.  SEC is available for CICS/MVS 2.1.2, CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	SHU	Displays the CICS SHUTDOWN input panel (Figure 82 on page 223), which lets you specify a normal, immediate, or XRF takeover shutdown, a shutdown transaction, the dump option, and the PLT and XLT suffixes.
n/a	SNA	Displays the CICS SNAP input panel (Figure 83 on page 224), which lets you specify the options to be used for a snap dump.  SNA is not available for CICS for OS/2 systems.
n/a	STA	Displays the CICS STATISTICS input panel (Figure 84 on page 224), which lets you write statistical data for the CICS system to a system management facility (SMF) data set.  STA is not available for CICS for OS/2 systems.
n/a	TAK	Shuts down a CICS system and transfers control of the resources to its XRF partner.

## Regions – CICS RGNS

### Hyperlinks

From the CICS RGNS view, you can hyperlink from the Count field to the CICS RGN view to expand a line of summary data. The CICS RGN view includes only those resources that were combined to form the specified summary line.

## CICSRGN2 – CICS system setting details

The CICSRGN2 view shows detailed information about the trace, dump, monitor and statistics settings for a CICS system.

### Availability

The CICSRGN2 view is available for all managed CICS systems.

### Access

#### Issue command:

```
CICSRGN2 sysname
```

sysname Is the name of a CICS system within the current scope.

#### Hyperlink from:

one of these fields on the CICS RGN2 view:

- Monitor Status
- Recording Stat
- Dump Status

Figure 86 is an example of the CICSRGN2 view.

```

26MAR1999 17:08:54 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =CICSRGN=CICSRGN2=EYUPLX01=EYUPLX01=26MAR1999==17:07:16===CPSM=====1
CICS System.      EYUMASIA Shutdn Stat      N/A Init Stat..   N/A
CICS Release      0330 CICS TS lvl.   010200 OS/390 lvl.
Trce Values:      Dump Values      Monitor
Internal....     INTSTART Dumping...  SYSDUMP Status....  ON
Table Size..     2000 Initial Dsn    X Perf Class..     PERF
AUX Status..     AUXSTOP Current Dsn  A Event C1ss.     NOEVENT
Cur Aux Dsn.    A Open Status      OPEN Except C1ss  NOEXCEPT
Aux Swtch St     NOSWITCH Switch Stat SWITCHNEXT Report Clck  N/A
Single Stat.     SINGLEOFF Trandumps.. 0 SysEvt Sub      N/A
System Stat.     SYSTEMON Trndmp Sup.  0
User Stat...     USERON Sysdumps...  0 Statistics:
GTF Trace...     GTFSTOP Sysdmps Sup  0 Recording..      OFF
TC Exit Stat     TCEXITNONE Def Userid.  N/A Interval...   03:00:00
Perf atSync.     N/A Force QR...     N/A Next Time..   00:00:00
AIn Pgm Stat     N/A Max open TCBS   0 End of Day.    00:00:00
RLS Status..     N/A Act open TCBS   0 Last Reset.    09:41:01

```

Figure 86. The CICSRGN2 view

### Action commands

Table 182 on page 234 shows the action commands you can issue from the CICSRGN2 view. The overtype fields are shown in Table 183 on page 235.

The action commands and overtype fields for the CICSRGN2 view are available for all managed CICS systems for which CICSRGN2 is valid, except as noted in Table 182 and Table 183 on page 235.

## Regions – CICS RGN2

Table 182. CICS RGN2 view action commands

Primary command	Line command	Description
ARMrestart	ARM	<p>Requests the immediate cancellation and restart of a CICS system using the MVS/ESA automatic restart manager (ARM). For ARM restart to be successful, the CICS system must:</p> <ul style="list-style-type: none"> <li>• Be known to CICSplex SM as a local MAS</li> <li>• Be running in an MVS/ESA image where ARM is active</li> <li>• Have successfully registered with ARM during initialization</li> <li>• Be eligible for restart according to current ARM policy</li> </ul> <p>ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
GMM	GMM	<p>Displays the Good Morning Message Text input panel (Figure 81 on page 222), which lets you enter a message to be displayed by the CICS Good Morning transaction (CSGM).</p> <p>GMM is available for CICS/ESA 4.1 and later systems and CICS/VSE 2.3 and later systems.</p>
IMMshut	IMM	<p>Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.</p>
INIitalize	INI	<p>Initializes the CICS system date and time to match the MVS system date and time-of-day.</p>
NORmshut	NOR	<p>Shuts down the CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.</p>
SECurity	SEC	<p>Rebuilds the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt.</p> <p>SECurity is available for CICS/MVS 2.1.2, CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p> <p><b>Note:</b> The SEC command cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.</p>

Table 182. CICS RGN2 view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a CICS system attribute according to the new value you specify in an overtype field (see Table 183). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
SHUtdown	SHU	Displays the CICS SHUTDOWN input panel (Figure 82 on page 223), which lets you specify a normal, immediate, or XRF takeover shutdown, a shutdown transaction, the dump option, and the PLT and XLT suffixes.
SNAp	SNA	Displays the CICS SNAP input panel (Figure 83 on page 224), which lets you specify the options to be used for a snap dump.  SNAP is not available for CICS for OS/2 systems.
STAts	STA	Displays the CICS STATISTICS input panel (Figure 84 on page 224), which lets you write statistical data for the CICS system to a system management facility (SMF) data set.  STAts is not available for CICS for OS/2 systems.
TAKeover	TAK	Shuts down the CICS system and transfers control of the resources to its XRF partner.

Table 183. CICS RGN2 view overtype fields

Field name	Values
Internal	INTSTART   INTSTOP Cannot be modified for CICS for OS/2 3.0 and later systems.
Table Size	16 – MAXSTOR Cannot be modified for CICS/VSE 2.3 systems and CICS for OS/2 3.0 and later systems.
AUX Status	AUXSTART   AUXSTOP   AUXPAUSE   SWITCH
Aux Swtch St	SWITCHNEXT   SWITCHALL   NOSWITCH
Single Stat	SINGLEON   SINGLEOFF
System Stat	SYSTEMON   SYSTEMOFF Modifiable for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
User Stat	USERON   USEROFF Modifiable for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
GTF Trace	GTFSTART   GTFSTOP Cannot be modified for CICS for OS/2 3.0 and later systems.
TC Exit Stat	TCEXITOFF   TCEXITALL   TCEXITSYSTEM   TCEXITNONE

## Regions – CICS RGN2

Table 183. CICS RGN2 view overwrite fields (continued)

Field name	Values
Perf at Sync	SYNCPOINT   NOSYNCPOINT
Aln Pgm Stat	AUTOACTIVE   AUTOINACTIVE Cannot be modified for CICS for OS/2 3.0 and later systems.
Dumping	SYSDUMP   NOSYSDUMP Cannot be modified for CICS for OS/2 3.0 and later systems.
Initial Dsn	A   B   X
Open Status	OPEN   CLOSED   SWITCH
Switch Stat	SWITCHNEXT   NOSWITCH Cannot be modified for CICS for OS/2 3.0 and later systems.
Force QR	FORCE   NOFORCE Modifiable for CICS Transaction Server for OS/390 Release 3 systems and later.
Max Open TCBs	1-999 Modifiable for CICS Transaction Server for OS/390 Release 3 systems and later.
Monitor Status	ON   OFF
Perf Class	PERF   NOPERF Modifiable for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
Event Clss	EVENT   NOEVENT
Except Clss	EXCEPT   NOEXCEPT Modifiable for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
Recording	ON   OFF
Interval	00:00:00-23:59:59
End of day	00:00:00-23:59:59

## Hyperlinks

Table 184 shows the hyperlink fields on the CICS RGN2 view.

Table 184. CICS RGN2 view hyperlink fields

Hyperlink field	View displayed	Description
Trandumps Trndmp Sup	TRANDUMP	General view of transaction dump codes associated with this CICS system.
Sysdumps Sysdumps Sup	SYSDUMP	General view of system dump codes associated with this CICS system.



## CICS RGN3 – CICS system task details

The CICS RGN3 view shows detailed information about the tasks on a CICS system.

### Availability

The CICS RGN3 view is available for all managed CICS systems.

### Access

#### Issue command:

```
CICS RGN3 sysname
```

sysname Is the name of a CICS system within the current scope.

#### Hyperlink from:

the Current Tasks field of the CICS RGN3 view.

Figure 87 is an example of the CICS RGN3 view.

```

26MAR1999 15:41:56 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =CICSRGN=CICSRGN3=EYUPLX01=EYUPLX01=26MAR1999==15:37:31====CPSM=====1
CICS System..   DJ13A0 Tot Pgrm Use.      11 Cur LU Sess      0
Current Tasks   3 Pgrm Compress      0 HWM LU Sess      0
Tasks.....     Cur Act UTrn.          3
Peak Tasks...  13 Cur Que UTrn.           0
Current Amax.   N/A Peak Act UTrn          4
Peak Amaxtask   N/A Peak Que UTrn          0
Total Tasks..  107 Totl Act UTrn          6
Interval task    6 Totl Que UTrn           0
Times at MAXT    0 Tot Que Time.    00:00:00
Act Max Tasks   N/A Cur Que Time.    00:00:00
Maxtasks.....  120 PRSS Inq Cnt.         0
Pgrm AIn Attm    0 PRSS NIB Cnt.          0
Pgrm AIn Xrej    0 PRSS Opn Cnt.          0
Pgrm AIn Fail    0 PRSS UbndCnt.          0
Pgrm Load NIU   26 PRSS Err Cnt.          0
Tot NIU Qtime  00:00:00
NIU Reclaims.    9

```

Figure 87. The CICS RGN3 view

### Action commands

Table 185 on page 238 shows the action commands you can issue from the CICS RGN3 view. The ovrtype fields are shown in Table 186 on page 239.

The action commands and ovrtype fields for the CICS RGN3 view are available for all managed CICS systems for which CICS RGN3 is valid, except as noted in Table 185 on page 238 and Table 186 on page 239.

## Regions – CICS RGN3

Table 185. CICS RGN3 view action commands

Primary command	Line command	Description
ARMrestart	ARM	<p>Requests the immediate cancellation and restart of a CICS system using the MVS/ESA automatic restart manager (ARM). For ARM restart to be successful, the CICS system must:</p> <ul style="list-style-type: none"> <li>• Be known to CICSplex SM as a local MAS</li> <li>• Be running in an MVS/ESA image where ARM is active</li> <li>• Have successfully registered with ARM during initialization</li> <li>• Be eligible for restart according to current ARM policy</li> </ul> <p>ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
GMM	GMM	<p>Displays the Good Morning Message Text input panel (Figure 81 on page 222), which lets you enter a message to be displayed by the CICS Good Morning transaction (CSGM).</p> <p>GMM is available for CICS/ESA 4.1 and later systems and CICS/VSE 2.3 and later systems.</p>
IMMshut	IMM	<p>Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.</p>
INIitalize	INI	<p>Initializes the CICS system date and time to match the MVS system date and time-of-day.</p>
NORmshut	NOR	<p>Shuts down the CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.</p>
SECurity	SEC	<p>Rebuilds the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt.</p> <p>SECurity is available for CICS/MVS 2.1.2, CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p> <p><b>Note:</b> The SEC command cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.</p>

Table 185. CICS RGN3 view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a CICS system attribute according to the new value you specify in an overtyping field (see Table 186). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
SHUtdown	SHU	Displays the CICS SHUTDOWN input panel (Figure 82 on page 223), which lets you specify a normal, immediate, or XRF takeover shutdown, a shutdown transaction, the dump option, and the PLT and XLT suffixes.
SNAP	SNA	Displays the CICS SNAP input panel (Figure 83 on page 224), which lets you specify the options to be used for a snap dump.  SNAP is not available for CICS for OS/2 systems.
STATs	STA	Displays the CICS STATISTICS input panel (Figure 84 on page 224), which lets you write statistical data for the CICS system to a system management facility (SMF) data set.  STATs is not available for CICS for OS/2 systems.
TAKeover	TAK	Shuts down the CICS system and transfers control of the resources to its XRF partner.

Table 186. CICS RGN3 view overtyping fields

Field name	Values
Maxtasks	1–999 (CICS/ESA 4.1 and later systems and CICS Transaction Server for VSE/ESA Release 1 and later systems)
	32–999 (CICS/ESA 3.3 only)
<p><b>Note:</b> CICSplex SM uses a minimum of 6 tasks and may use as many as 16, depending on:</p> <ul style="list-style-type: none"> <li>• how much resource monitoring is active</li> <li>• how many real-time analysis status definitions (STATDEFs) are active</li> </ul> <p>Make sure the value in the Maxtasks field is high enough to accommodate all possible CICSplex SM activity at your enterprise.</p>	

## Hyperlinks

From the CICS RGN3 view, you can hyperlink from the Tasks field to the TASK view.

## CICS/SGN4 – CICS system task details (CICS Transaction Server for OS/390 Release 3 and later)

The CICS/SGN4 view shows detailed information about the tasks on a CICS system.

### Availability

The CICS/SGN4 view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

CICS/SGN4 sysname

sysname Is the name of a CICS system within the current scope.

**Hyperlink from:**

the Autoinst Info field of the CICS/SGND view.

Figure 88 is an example of the CICS/SGN4 view.

```
26MAR1999 15:41:56 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =CICS/SGN=CICS/SGN3=EYUPLX01===EYUPLX01===26MAR1999==15:37:31===CPSM=====1
CICS System. V14EXCIA AutoIns Max
AIn Ena Stat  ENABLED Consoles...  NOAUTO
PRSS Delay.. 00:00:00
AInPgrm Nme  DFHZATDX
AIn Curr Req      0
```

Figure 88. The CICS/SGN4 view

### Action commands

Table 187 on page 241 shows the action commands you can issue from the CICS/SGN4 view. The overtype fields are shown in Table 188 on page 242.

The action commands and overtype fields for the CICS/SGN4 view are available for all managed CICS systems for which CICS/SGN4 is valid, except as noted in Table 187 on page 241 and Table 188 on page 242.

Table 187. CICS/SGN4 view action commands

Primary command	Line command	Description
ARMrestart	ARM	<p>Requests the immediate cancellation and restart of a CICS system using the MVS/ESA automatic restart manager (ARM). For ARM restart to be successful, the CICS system must:</p> <ul style="list-style-type: none"> <li>• Be known to CICSplex SM as a local MAS</li> <li>• Be running in an MVS/ESA image where ARM is active</li> <li>• Have successfully registered with ARM during initialization</li> <li>• Be eligible for restart according to current ARM policy</li> </ul> <p>ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
GMM	GMM	<p>Displays the Good Morning Message Text input panel (Figure 81 on page 222), which lets you enter a message to be displayed by the CICS Good Morning transaction (CSGM).</p> <p>GMM is available for CICS/ESA 4.1 and later systems, CICS/VSE 2.3 and later systems.</p>
IMMshut	IMM	<p>Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.</p>
INIitialize	INI	<p>Initializes the CICS system date and time to match the MVS system date and time-of-day.</p>
NORmshut	NOR	<p>Shuts down the CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.</p>
SECurity	SEC	<p>Rebuilds the in-storage external security manager (ESM) profiles for a CICS system, provided they reside in local storage. The copies of the profiles that reside in the managing CMAS are also rebuilt.</p> <p>SECurity is available for CICS/MVS 2.1.2, CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p> <p><b>Note:</b> The SEC command cannot rebuild ESM profiles that reside in global storage. You must use the facilities provided by your ESM to refresh those profiles.</p>

## Regions – CICS RGN4

Table 187. CICS RGN4 view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a CICS system attribute according to the new value you specify in an overtype field (see Table 186 on page 239). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
SHUtdown	SHU	Displays the CICS SHUTDOWN input panel (Figure 82 on page 223), which lets you specify a normal, immediate, or XRF takeover shutdown, a shutdown transaction, the dump option, and the PLT and XLT suffixes.
SNAp	SNA	Displays the CICS SNAP input panel (Figure 83 on page 224), which lets you specify the options to be used for a snap dump.  SNAp is not available for CICS for OS/2 systems.
STAts	STA	Displays the CICS STATISTICS input panel (Figure 84 on page 224), which lets you write statistical data for the CICS system to a system management facility (SMF) data set.  STAts is not available for CICS for OS/2 systems.
TAKeover	TAK	Shuts down the CICS system and transfers control of the resources to its XRF partner.

Table 188. CICS RGN4 view overtype fields

Field name	Values
PRSS Dealy	00:00:00 - 23:59:59
Aln Pgrm Nme	Any valid program name
AutoIns Max	0 - 999

## Hyperlinks

None.

## SYSDUMP – System dump codes

The SYSDUMP view shows general information about system dump codes for active CICS systems.

### Availability

The SYSDUMP view is available for all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 systems

### Access

#### Issue command:

```
SYSDUMP [dumpcode]
```

dumpcode Is a specific or generic CICS system dump code. If you omit this parameter, the view includes information about all system dump codes within the current scope.

**Select:** REGION from the OPERATE menu, and SYSDUMP from the REGION submenu.

#### Hyperlink from:

the Sysdumps or Sysdmps Sup field of the CICS RGN2 view.

Figure 89 is an example of the SYSDUMP view.

```

26MAR1999 21:16:09 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =SYSDUMP=====EYUPLX01=EYUPLX01=26MAR1999==21:16:09====CPSM=====1
CMD Dump   CICS   Dump   Curr   Max   Total  Dumps  Shutdown
--- Code--- System-- Option--- Dumps-- Dumps-- Dumps-- Suprsd- Option---
   MT0001  EYUMAS1A YES           1    999    1      0 NO

```

Figure 89. The SYSDUMP view

## Action commands

Table 189 shows the action commands you can issue from the SYSDUMP view. The overtype fields are shown in Table 190 on page 244.

Table 189. SYSDUMP view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS SYSTEM DUMP CODE input panel (Figure 90 on page 244), which lets you create a new system dump code.
INItialize dumpcode sysname	INI	Initializes the number of dump calls for a system dump code to 0.
REMOve dumpcode sysname	REM	Removes a system dump code from the dump code table.

## Regions – SYSDUMP

Table 189. SYSDUMP view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a system dump attribute according to the new value you specify in an overtype field (see Table 190). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<b>Where:</b> <b>dumpcode</b> Is a specific CICS system dump code. dumpcode cannot be a generic value because CICSplex SM considers the asterisk (*) and plus sign (+) to be valid characters in a dump code. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 190. SYSDUMP view overtype fields

Field name	Values
Dump Option	YES   NO
Max Dumps	0-999
Shutdown Option	YES   NO

When you issue the CREATE action command from the SYSDUMP view, the CICS SYSTEM DUMP CREATE input panel appears, as shown in Figure 90.

```

----- CICS SYSTEM DUMP CREATE -----
COMMAND ==>

Specify the system dump code and options desired:

Scope          ==> EYUCSG01      CICS System or Group for Dump

System dump code ==>              8-character System Dump Code

Maximum dumps  ==> 0             0 - 999

Shut option    ==>              SHUTDOWN or NOSHUTDOWN

System dumping ==>              SYSDUMP or NOSYSDUMP

Press Enter to add system dump code.
Type END or CANCEL to cancel without adding.
  
```

Figure 90. The CICS SYSTEM DUMP CREATE input panel

To create a system dump code, specify the scope, the code, the maximum number of dumps allowed, whether or not you want a CICS system to shut down if it gets an error related to this code, and whether or not you want CICSplex SM to take a system dump following an occurrence of this code. When you issue the END command, the Information Display panel is redisplayed.



## Hyperlinks

Table 191 shows the hyperlink field on the SYSDUMP view.

*Table 191. SYSDUMP view hyperlink field*

Hyperlink field	View displayed	Description
Dump Code	SYSDUMPD	Detailed view of the specified system dump code.

**Note:** You can also display the SYSDUMPS view by issuing the SUM display command.

## SYSDUMPD – System dump code details

The SYSDUMPD view shows detailed information about a system dump code in an active CICS system.

### Availability

The SYSDUMP view is available for all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 systems

### Access

**Issue command:**

```
SYSDUMPD dumpcode sysname
```

dumpcode Is a specific CICS system dump code.

sysname Is the name of the CICS system where the dump code is defined.

**Hyperlink from:**

the Dump Code field of the SYSDUMP view.

Figure 91 is an example of the SYSDUMPD view.

```

26MAR1999 21:51:56 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =SYSDUMP==SYSDUMPD=EYUPLX01=EYUPLX01=26MAR1999==21:43:00====CPSM=====1
Dump Code..... MT0001
CICS System.... EYUMAS1A
Curr Dumps..... 1
Max Dumps..... 999
Shutdown Option NO
Dump Option.... YES
Total Dumps.... 1
Dumps Suprsd... 0
Dump Scope..... N/A
DAE Option..... N/A
    
```

Figure 91. The SYSDUMPD view

### Action commands

Table 192 on page 247 shows the action commands you can issue from the SYSDUMPD view. The overtypable fields are shown in Table 193 on page 247.

The action commands and overtypable fields for the SYSDUMPD view are available for all managed CICS systems for which SYSDUMPD is valid, except as noted in Table 193 on page 247.

Table 192. SYSDUMPD view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS SYSTEM DUMP CODE input panel (Figure 90 on page 244), which lets you create a new system dump code.
INItialize	INI	Initializes the number of dump calls for the system dump code to 0.
REMOve	REM	Removes the system dump code from the dump code table.
n/a	SET	Sets a system dump attribute according to the new value you specify in an overtype field (see Table 193). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 193. SYSDUMPD view overtype fields

Field name	Values
Max Dumps	0–999
Shutdown Option	YES   NO
Dump Option	YES   NO
Dump Scope	LOCAL   RELATED Modifiable for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
DAE Option	DAE   NODAE Modifiable for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

## Hyperlinks

None.

## SYSDUMPS – System dump codes summary

The SYSDUMPS view shows summarized information about system dump codes for active CICS systems. SYSDUMPS is a summary form of the SYSDUMP view.

### Availability

The SYSDUMP view is available for all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 systems

### Access

**Issue command:**

SYSDUMPS [dumpcode]

Where the parameters are the same as those for SYSDUMP on page 243.

**Select:** REGION from the OPERATE menu, and SYSDUMPS from the REGION submenu.

**Summarize:**

Issue the SUM display command from a SYSDUMP or SYSDUMPS view.

The SYSDUMPS view looks like the SYSDUMP view shown in Figure 89 on page 243 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 194 shows the action commands you can issue from the SYSDUMPS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtyping fields are shown in Table 195 on page 249.

Table 194. SYSDUMPS view action commands

Primary command	Line command	Description
n/a	INI	Initializes the number of dump calls for a system dump code to 0.
n/a	REM	Removes a system dump code from the dump code table.
n/a	SET	Sets a system dump attribute according to the new value you specify in an overtyping field (see Table 195 on page 249). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 195. SYSDUMPS view overtyping fields

Field name	Values
Dump Option	YES   NO
Shutdown Option	YES   NO

## Hyperlinks

From the SYSDUMPS view, you can hyperlink from the Count field to the SYSDUMP view to expand a line of summary data. The SYSDUMP view includes only those resources that were combined to form the specified summary line.

### TRANDUMD – Transaction dump code details

The TRANDUMD view shows detailed information about a transaction dump code in an active CICS system.

#### Availability

The SYSDUMP view is available for all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 systems

#### Access

**Issue command:**

```
TRANDUMD dumpcode sysname
```

dumpcode Is a specific transaction dump code.

sysname Is the name of the CICS system where the dump code is defined.

**Hyperlink from:**

the Dump Code field of the TRANDUMP view.

Figure 92 is an example of the TRANDUMD view.

```
26MAR1999 21:51:56 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =TRANDUMP=TRANDUMD=EYUPLX01=EYUPLX01=26MAR1999==21:43:00====CPSM=====1
Dump Code....      EYU1
CICS System..     EYUMAS1A
Curr Dumps...      1
Max Dumps....      999
Shutdown.....      NO
Sys Dump.....      NO
Tran Dump....      YES
Tran Dumps...      1
Tran Suprsd..      0
Sys Dumps...      0
Sysdmp Suprsd     1
Dump Scope...      N/A
```

Figure 92. The TRANDUMD view

#### Action commands

Table 196 on page 251 shows the action commands you can issue from the TRANDUMD view. The overtype fields are shown in Table 197 on page 251.

The action commands and overtype fields for the TRANDUMD view are available for all managed CICS systems for which TRANDUMD is valid, except as noted in Table 197 on page 251.

Table 196. TRANDUMD view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS TRANSACTION DUMP CREATE input panel (Figure 94 on page 254), which lets you create a new transaction dump code.
INItialize	INI	Initializes the number of dump calls for the transaction dump code to 0.
REMOve	REM	Removes the dump code from the transaction dump code table in each CICS system where it is listed.
n/a	SET	Sets a transaction dump attribute according to the new value you specify in an overtype field (see Table 197). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 197. TRANDUMD view overtype fields

Field name	Values
Max Dumps	0–999
Shut Down	YES   NO
Sys Dump	YES   NO
Tran Dump	YES   NO
Dump Scope	LOCAL   RELATED Modifiable for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

## Hyperlinks

None.

## TRANDUMP – Transaction dump codes

The TRANDUMP view shows general information about transaction dump codes for active CICS systems.

### Availability

The SYSDUMP view is available for all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 systems

### Access

**Issue command:**

TRANDUMP [dumpcode]

dumpcode Is a specific or generic transaction dump code. If you omit this parameter, the view includes information about all transaction dump codes within the current context and scope.

**Select:** REGION from the OPERATE menu, and TRANDUMP from the REGION submenu.

**Hyperlink from:**

the Trandumps or Trandumps Sup field of the CICS RGN2 view.

Figure 93 is an example of the TRANDUMP view.

```
26MAR1999 16:20:25 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TRANDUMP=====EYUPLX01=EYUPLX01=26MAR1999==16:20:25====CPSM=====1
CMD Dump CICS      Tran Sys Curr  Max   Tran  Tran  Sys   Sysdmp Shut
--- Code System-- Dump Dump Dumps- Dumps- Dumps- Suprsd Dumps- Suprsd Down
EYU1 EYUMASIA YES  NO    1   999   1    0    0    1 NO
```

Figure 93. The TRANDUMP view

### Action commands

Table 198 on page 253 shows the action commands you can issue from the TRANDUMP view. The overtype fields are shown in Table 199 on page 253.



Table 198. TRANDUMP view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS TRANSACTION DUMP CREATE input panel (Figure 94 on page 254), which lets you create a new transaction dump code.
INItialize dumpcode sysname	INI	Initializes the number of dump calls for a transaction dump code to 0.
REMOve dumpcode sysname	REM	Removes a dump code from the transaction dump code table in each CICS system where the dump code is listed.
n/a	SET	Sets a transaction dump attribute according to the new value you specify in an overtype field (see Table 199). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<p><b>Where:</b></p> <p><b>dumpcode</b> Is a specific transaction dump code. dumpcode cannot be a generic value because CICSplex SM considers the asterisk (*) and plus sign (+) to be valid characters in a dump code.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

Table 199. TRANDUMP view overtype fields

Field name	Values
Tran Dump	YES   NO
Sys Dump	YES   NO
Max Dumps	0-999
Shut Down	YES   NO

When you issue the CREATE action command from the TRANDUMP view, the CICS TRANSACTION DUMP CREATE input panel appears, as shown in Figure 94 on page 254.

## Regions – TRANDUMP

```
----- CICS TRANSACTION DUMP CREATE -----
COMMAND ==>

Specify the transaction dump code and options desired:

Scope          ==> EYUCSG01      CICS System or Group for Dump
Trans dump code ==>                4-character Transaction Dump Code
Maximum dumps  ==> 0             0 - 999
Shut option    ==>                SHUTDOWN or NOSHUTDOWN
Trans dumping  ==>                TRANDUMP or NOTRANDUMP
System dumping ==>                SYSDUMP or NOSYSDUMP

Press Enter to add transaction dump code.
Type END or CANCEL to terminate without adding.
```

Figure 94. The CICS TRANSACTION DUMP CREATE input panel

To create a transaction dump code, specify the scope, the code, the maximum number of dumps allowed, whether or not you want a CICS system to shut down if it gets an error related to this code, and whether or not you want CICSplex SM to take a transaction or system dump following an occurrence of this dump code. When you issue the END command, the Information Display panel reappears.

## Hyperlinks

Table 200 shows the hyperlink field on the TRANDUMP view.

Table 200. TRANDUMP view hyperlink field

Hyperlink field	View displayed	Description
Dump Code	TRANDUMD	Detailed view of the specified transaction dump code.

**Note:** You can also display the TRANDUMS view by issuing the SUM display command.

## TRANDUMS – Transaction dump codes summary

The TRANDUMS view shows summarized information about transaction dump codes for active CICS systems. TRANDUMS is a summary form of the TRANDUMP view.

### Availability

The SYSDUMP view is available for all managed CICS systems except:

- CICS/MVS 2.1.2 systems
- CICS/VSE 2.2 and 2.3 systems
- CICS for OS/2 systems

### Access

**Issue command:**

TRANDUMS [dumpcode]

where the parameters are the same as those for TRANDUMP on page 252.

**Select:** REGION from the OPERATE menu, and TRANDUMS from the REGION submenu.

**Summarize:**

Issue the SUM display command from a TRANDUMP or TRANDUMS view.

The TRANDUMS view looks like the TRANDUMP view shown in Figure 93 on page 252 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 201 shows the action commands you can issue from the TRANDUMS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtyping fields are shown in Table 202 on page 256.

Table 201. TRANDUMS view action commands

Primary command	Line command	Description
n/a	INI	Initializes the number of dump calls for a transaction dump code to 0.
n/a	REM	Removes a dump code from the transaction dump code table in each CICS system where the dump code is listed.
n/a	SET	Sets a transaction dump attribute according to the new value you specify in an overtyping field (see Table 202 on page 256). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

## Regions – TRANDUMS

Table 202. TRANDUMS view overtyping fields

Field name	Values
Tran Dump	YES   NO
Sys Dump	YES   NO
Shut Down	YES   NO

## Hyperlinks

From the TRANDUMS view, you can hyperlink from the Count field to the TRANDUMP view to expand a line of summary data. The TRANDUMP view includes only those resources that were combined to form the specified summary line.

## TRNCLS – Transaction classes

The TRNCLS view shows general information about the transaction classes for each CICS system.

### Availability

The TRNCLS view is available for all managed CICS systems except CICS for OS/2 2.0.1.

### Access

#### Issue command:

```
TRNCLS [traclass]
```

traclass For CICS systems running CICS/ESA 4.1 or later, and CICS Transaction Server for VSE/ESA Release 1 and later, traclass is the specific or generic 8-character name of a transaction class. For all other supported systems, traclass is a 2-digit value between 01 and 10 that identifies a transaction class. If you omit this parameter, the view includes information about all transaction classes within the current scope.

**Select:** REGION from the OPERATE menu, and TRNCLS from the REGION submenu.

Figure 95 is an example of the TRNCLS view.

```

26MAR1999 21:43:00 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TRNCLS=====EYUPLX01=EYUPLX01=26MAR1999==21:43:00====CPSM=====40
CMD Tran   CICS   Maximum Current Active Times
--- Class--- System-- Active-- Active-- Peak---- At Max--
  01      EYUMAS1A    9      0      0      0
  01      EYUMAS2A    9      0      0      0
  01      EYUMAS3A    9      0      0      0
  01      EYUMAS4A    9      0      0      0
  02      EYUMAS1A    9      0      0      0
  02      EYUMAS2A    9      0      0      0
  02      EYUMAS3A    9      0      0      0
  02      EYUMAS4A    9      0      0      0
  03      EYUMAS1A    9      0      0      0
  03      EYUMAS2A    9      0      0      0
  03      EYUMAS3A    9      0      0      0
  03      EYUMAS4A    9      0      0      0
  04      EYUMAS1A    9      0      0      0
  04      EYUMAS2A    9      0      0      0
  04      EYUMAS3A    9      0      0      0
  04      EYUMAS4A    9      0      0      0

```

Figure 95. The TRNCLS view

### Action commands

Table 203 on page 258 shows the action command you can issue from the TRNCLS view. The overtyping field is shown in Table 204 on page 258.

The action commands and overtyping field for the TRNCLS view are available for all managed CICS systems for which TRNCLS is valid, except as noted in Table 203 on page 258 and Table 204 on page 258.

## Regions – TRNCLS

Table 203. TRNCLS view action commands

Primary command	Line command	Description
DiSCard tranclass sysname	DSC	Discards a transaction class from the CICS system where it is installed.  DiSCard is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	SET	Sets a transaction class attribute according to the new value you specify in an overtype field (see Table 204). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<b>Where:</b> <b>tranclass</b> Is a specific or generic transaction class name or ID. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 204. TRNCLS view overtype field

Field name	Values
Maximum Active	1–(MAXTASKS value minus 1) Available for CICS/ESA 3.3 and CICS/VSE 2.3 systems only.  1–999 Available for CICS 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.  Cannot be modified for CICS/MVS 2.1.2 and CICS/VSE 2.2 systems.

## Hyperlinks

Table 205 shows the hyperlink field on the TRNCLS view.

Table 205. TRNCLS view hyperlink field

Hyperlink field	View displayed	Description
Tran Class	TRNCLSD	Detailed view of the specified transaction class.

**Note:** You can also display the TRNCLSS view by issuing the SUM display command.

## TRNCLSD – Transaction class details

The TRNCLSD view shows detailed information about a transaction class.

### Availability

The TRNCLSD view is available for all managed CICS systems except CICS for OS/2 2.0.1.

### Access

#### Issue command:

```
TRNCLSD tranclass sysname
```

tranclass For CICS systems running CICS/ESA 4.1 or later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems, tranclass is the 8-character name of a transaction class. For all other supported systems, tranclass is a 2-digit value between 01 and 10 that identifies a transaction class.

sysname Is the name of the CICS system where the transaction class is installed.

#### Hyperlink from:

one of these fields:

- Act Max Tasks on the CICSRGND view
- Tran Class on the TRNCLS view
- Task Class on the TASK or TASKD view

Figure 96 is an example of the TRNCLSD view.

```

26MAR1999 21:51:56 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TRNCLS==TRNCLSD==EYUPLX01=EYUPLX01=26MAR1999==21:43:00====CPSM=====1
Tran Class.....      01 Cics System..... EYUMAS1A

Maximum Active..      9 Attach Requests...      N/A
Current Active..      0 Purged Trans.....      N/A
Current Queued..      N/A Times at Threshold      N/A
Active Peak.....      0 Purge Threshold...      N/A
Queued Peak.....      N/A Total Queued.....      N/A
Times At Maximum      0 Time On Queue.....      N/A
Install Defs.....      N/A Time Not Queued...      N/A
                        Accepted Trans....      N/A
                        Accepted Queued...      N/A
                        Purged Queued.....      N/A

```

Figure 96. The TRNCLSD view

### Action commands

Table 206 on page 260 shows the action command you can issue from the TRNCLSD view. The overtime fields are shown in Table 207 on page 260.

The action commands and overtime fields for the TRNCLSD view are available for all managed CICS systems for which TRNCLSD is valid, except as noted in Table 206 on page 260 and Table 207 on page 260.

## Regions – TRNCLSD

Table 206. TRNCLSD view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards a transaction class from the CICS system where it is installed.  DiSCard is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	SET	Sets a transaction class attribute according to the new value you specify in an overwrite field (see Table 207). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overwrite a field.

Table 207. TRNCLSD view overwrite field

Field name	Values
Maximum Active	1–(MAXTASKS value minus 1) Available for CICS/ESA 3.3 and CICS/VSE 2.3 systems only.  1–999 Available for CICS 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.  Cannot be modified for CICS/MVS 2.1.2 and CICS/VSE 2.2 systems.
Purge Threshold	0–1,000,000

## Hyperlinks

None.



## TRNCLSS – Transaction classes summary

The TRNCLSS view shows summarized information about the transaction classes for each CICS system. TRNCLSS is a summary form of the TRNCLS view.

### Availability

The TRNCLSS view is available for all managed CICS systems except CICS for OS/2 2.0.1.

### Access

**Issue command:**

TRNCLSS [tranclass]

Where the parameters are the same as those for TRNCLS on page 257.

**Select:** REGION from the OPERATE menu, and TRNCLSS from the REGION submenu.

**Summarize:**

Issue the SUM display command from a TRNCLS or TRNCLSS view.

The TRNCLSS view looks like the TRNCLS view shown in Figure 95 on page 257 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 208 shows the action command you can issue from the TRNCLSS view. This action command affects all of the resources that were combined to form the summary line of data.

The action command for the TRNCLSS view is available for all managed CICS systems for which TRNCLSS is valid, except as noted in Table 208.

*Table 208. TRNCLSS view action command*

Primary command	Line command	Description
n/a	DSC	Discards a transaction class from the CICS system where it is installed.  DSC is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Hyperlinks

From the TRNCLSS view, you can hyperlink from the Count field to the TRNCLS view to expand a line of summary data. The TRNCLS view includes only those resources that were combined to form the specified summary line.

## Regions – TRNCLSS

---

## Chapter 13. Tasks

The task views show information about tasks that are executing within the current context and scope.

The task operations views are:

**REQID**

A general view of outstanding timed events

**REQIDD**

A detailed view of a timed event

**REQIDS**

A summary view of outstanding timed events

**TASK** A general view of executing tasks

**TASKD**

A detailed view of an executing task

**TASKS**

A summary view of executing tasks

**TASK2**

A detailed view of system settings for the selected task.

**TASK3**

A detailed view of clocks and timing information for the selected task.

**TASK4**

A detailed view of request counts for the selected task.

**TASK5**

A detailed view of storage information for the selected task.

**TASK6**

A detailed view of communications requests for the selected task.

**TASK7**

A detailed view of statistical information on CICS BTS requests for the selected task.

**TASK8**

A detailed view of statistical information on the usage of TCP/IP services and activities for the selected task.

**TASK9**

A detailed view of CPU/TCB usage for the task.

For details about the availability of the task views, see the individual view descriptions.

## REQID – Request IDs

The REQID view shows general information about outstanding timed requests.

### Availability

The REQID view is available for these managed CICS systems:

- CICS/ESA 4.1 and later
- CICS/VSE 2.3 and later
- CICS for OS/2 3.0 and later

### Access

**Issue command:**

REQID [request]

request Is the specific or generic name of an outstanding timed request. If you omit this parameter, the view includes information about all outstanding timed requests.

**Note:** You cannot specify a request name if it is a hexadecimal value.

**Select:** TASK from the OPERATE menu, and REQID from the TASK submenu.

Figure 97 is an example of the REQID view.

```

26MAR1999 09:38:43 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =REQID=====EYUPLX01=EYUPLX01=26MAR1999==09:38:43====CPSM=====1
CMD Request Name      CICS   Type  Tran Term Userid  Queue  Interval  TOD
----- System-----
WAITASEC              EYUMAS01 START ABCD L001 TPIERCE MYQUEDAT 00:00:01 10:08:
WAKEINHR              EYUMAS01 POST ZXY1 R003 DKANOF          01:00:00 11:08:
DELAY1MN              EYUMAS03 DELAY GD12 M002 PATRICK NOQUEDAT 00:01:00 10:09:
    
```

Figure 97. The REQID view

### Action commands

None.

### Hyperlinks

Table 209 shows the hyperlink field on the REQID view.

Table 209. REQID view hyperlink field

Hyperlink field	View displayed	Description
Request Name	REQIDD	Detailed view of the specified request.

**Note:** You can also display the REQIDS view by issuing the SUM display command.

## REQIDD – Request ID details

The REQIDD view shows detailed information about an outstanding timed request.

### Availability

The REQIDD view is available for these managed CICS systems:

- CICS/ESA 4.1 and later
- CICS/VSE 2.3 and later
- CICS for OS/2 3.0 and later

### Access

#### Issue command:

```
REQIDD request sysname
```

request Is the name of a specific outstanding timed request.

**Note:** You cannot specify a request name if it is a hexadecimal value.

sysname Is the name of the CICS system where the timed request is located.

#### Hyperlink from:

the Request Name field of the REQID view.

Figure 98 is an example of the REQIDD view.

```

26MAR1999 09:58:44 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =REQID===REQIDD===EYUPLX01=EYUPLX01=26MAR1999==09:58:44====CPSM=====1
Request Name..  WAITASEC
CICS System...  EYUMAS01
Request Type..  START
Trans Id.....  ABCD
Term Id.....   L001
Remote Tranid.
Remote Termid.
Userid.....    TPIERCE
Queue Value... MYQUEDAT
FMH Status.... NOFMH
Interval.....  00:00:01
Time of Day... 10:09:45

```

Figure 98. The REQIDD view

### Action commands

None.

### Hyperlinks

None.

**Note:** You can display the REQIDS view by issuing the SUM display command.

## REQIDS – Request IDs summary

The REQIDS view shows summarized information about outstanding timed requests. The REQIDS view is a summary form of the REQID view.

### Availability

The REQIDS view is available for these managed CICS systems:

- CICS/ESA 4.1 and later
- CICS/VSE 2.3 and later
- CICS for OS/2 3.0 and later

### Access

**Issue command:**

REQIDS [request]

Where the parameters are the same as those for the REQID view on page 264.

**Select:** TASK from the OPERATE menu, and REQIDS from the TASK submenu.

**Summarize:**

Issue the SUM display command from a REQID or REQIDS view.

The REQIDS view looks like the REQID view shown in Figure 97 on page 264 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the REQIDS view, you can hyperlink from the Count field to the REQID view to expand a line of summary data. The REQID view includes only those resources that were combined to form the specified summary line.

## TASK – Tasks

The TASK view shows general information about currently executing tasks.

Examples of how to use this view can be found in:

- “Finding out how many tasks are associated with a transaction” on page 405
- “Identifying the tasks associated with a transaction” on page 406
- “Relating a set of tasks to a user ID” on page 407

### Availability

The TASK view is available for all managed CICS systems.

### Access

#### Issue command:

```
| TASK [task [RUNning|DISpatchable|SUSpended [trandid [activityid
| [process [processtype ]]]]]
```

task Is the ID of a currently executing task or \* for all tasks. If you specify a task ID, the trandid parameter must either be \* or be omitted.

RUNning|DISpatchable|SUSpended Limits the view to tasks that are either running, ready to run, or suspended. Specify \* to include all tasks regardless of their run status.

trandid Limits the view to tasks that are running one or more named transactions. Enter a specific or generic transaction name. If you specify a transaction ID, the task parameter must be \*.

```
| The following parameters apply to CICS Transaction Server for OS/390
| Release 3 and later systems only:
```

```
| activityid Is a specific or generic activity id.
```

```
| process Is a specific or generic process name.
```

```
| processtype Is a specific or generic process type name.
```

If you do not specify parameters, the view includes information about all tasks within the current scope.

```
| Select: TASK from the OPERATE menu, and TASK from the TASK submenu.
```

Figure 99 on page 268 and Figure 100 on page 268 are an example of the TASK view.

## tasks – TASK

```

26MAR1999 21:22:07 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =TASK=====EYUPLX01=EYUPLX01=26MAR1999==21:22:07====CPSM=====21
CMD Task  CICS    Tran Run User      Term LU Name  Unit of Work Id  Pri Tran
--- Id--- System-- ID-- Sta ID----- ID-- -----
28 IYCRCTSS COIE  SUS CTSQ0SR          B1CB83F037710105 255 DFHTCL0
29 IYCSCTSG CKAM  SUS CTSS0GR          B1CBA56AB0D6C103 255 DFHTCL0
33 IYCRCTSG COIE  SUS CTSR0GR          B1CF6C06CF6D2607 255 DFHTCL0
35 IYCSCTSF CKAM  SUS CTSS0FR          B1CF42172B182700 255 DFHTCL0
36 IYCSCTSF CKTI  SUS CTSS0FR          B1CF42172499B500 1 DFHTCL0
38 IYCRCTSG COI0  SUS CTSR0GR          B1CF9EA7487AA507 255 DFHTCL0
38 IYCRCTS8 COI0  SUS CTSR01R          B1CF9EE941D6E109 255 DFHTCL0
39 IYCRCTS8 COIE  SUS CTSR01R          B1CF9EE97E46B709 255 DFHTCL0
43 IYCRCTSK CECI  SUS CTSR0KD  E0C5          B1CF91747FF97607 1 DFHTCL0
44 IYQCTS4  CEMT  SUS CTSQ04D  TC04          B1CF7099E1F01E00 255 DFHTCL0
45 IYCRCTSK COI0  SUS CTSR0KR          B1CF9EA74A2CC906 255 DFHTCL0
46 IYCRCTSK COIE  SUS CTSR0KR          B1CF9EAAA4A543F09 255 DFHTCL0
48 IYQCTT8  COI0  SUS CTSQ0AD          B1CF9EE8475AD004 255 DFHTCL0
49 IYQCTT8  COIE  SUS CTSQ0AD          B1CF9EEE148D7A00 255 DFHTCL0
53 IYQCTSR  COI1  SUS CTSQ05D  -AAF          B1CF9EE705AF6603 255 DFHTCL0
53 IYCRCTSS COI0  SUS CTSQ05R          B1CF9EA74BA92906 255 DFHTCL0
54 IYQCTSR  COI2  SUS CTSQ05D  -AAE          B1CF9EE71113C002 255 DFHTCL0

```

Figure 99. The TASK view (left side)

```

26MAR1999 21:22:07 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =TASK=====EYUPLX01=EYUPLX01=26MAR1999==21:22:07====CPSM=====3
CMD Task  Tran      Current
--- Id--- Class--- Suspend-
28 DFHTCL00 00:00:24
29 DFHTCL00 00:00:00
33 DFHTCL00 00:00:00
35 DFHTCL00 00:00:00
36 DFHTCL00 00:00:00
38 DFHTCL00 00:00:00
38 DFHTCL00 00:00:00
39 DFHTCL00 00:00:00
43 DFHTCL00 00:02:03
44 DFHTCL00 00:00:00
45 DFHTCL00 00:00:00
46 DFHTCL00 00:00:00
48 DFHTCL00 00:00:00
49 DFHTCL00 00:00:00
53 DFHTCL00 00:00:08
53 DFHTCL00 00:00:00
54 DFHTCL00 00:00:00

```

Figure 100. The TASK view (right side)

## Action commands

Table 210 on page 269 shows the action commands you can issue from the TASK view. The overtime field is shown in Table 211 on page 269.

The action commands and overtime field for the TASK view are available for all managed CICS systems for which TASK is valid, except CICS/MVS 2.1.2 and CICS/VSE 2.2.



Table 210. TASK view action commands

Primary command	Line command	Description
FORcepurge task sysname	FOR	Forces CICS to purge a task immediately, regardless of whether system or data integrity can be maintained.
PURge task sysname	PUR	Purges a task normally. CICS does not purge the task unless system and data integrity can be maintained.
n/a	SET	Sets a task attribute according to the new value you specify in an oertype field (see Table 211). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.
<b>Where:</b> <b>task</b> Is the ID of an executing task. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 211. TASK view oertype field

Field name	Values
Pri	0–255

## Hyperlinks

Table 212 shows the hyperlink fields on the TASK view.

Table 212. TASK view hyperlink fields

Hyperlink field	View displayed	Description
Task Id	TASKD	Detailed view of the specified task.
Term ID	TERMNLD	Detailed view of the terminal associated with the specified task.
Tran Class	TRNCLSD	Detailed view of transaction classes associated with the CICS system where a task is running.

**Note:** You can also display the TASKS view by issuing the SUM display command.

## TASKD – Task details

The TASKD view shows detailed information about a task.

### Availability

This form of the TASKD view is available

for CICS Transaction Server for OS/390 Release 3 and later only.

### Access

#### Issue command:

TASKD task sysname

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the Task ID field of the TASK view.

Figure 101 is an example of the TASKD view.

```

26MAR1999 21:23:51 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =TASK=====TASKD====EYUPLX01=EYUPLX01=26MAR1999==21:22:07====CPSM=====1
Task ID..... 23 CICS System.. EYUMAS3A Expanded UOW....
Tran ID..... CONL Terminal ID.. RRMS/MVS Uowid..
User ID..... TermConn Name Client IP addr..
Tran Class.... DHTCL00 Terminal.... 0000 Bridge Tranid...
First Program.. EYU9XLEV Info..... 0000 Identifier.....
Priority..... 255 Facility ID.. DB2 Plan.....
TaskProf..... DFHCICST Facility.... TASK Process Type....
LU Name..... Process Name....
Attach Date... 28JAN1998 Network..... Activity Name....
Attach Time... 11:46:46 Name..... Clocks/timing....
Elapsed Time... 00:01:12 Unit of..... Settings.....
Perf Rec Cnt... 0 Work ID.... FCD52D82 Request counts...
Running Status. RUNNING Unit of..... N/A Comms requests...
Suspend Type... Recovery... N/A Storage usage...
Suspend Value.. WLM ServClass TCP/IP usage....
WLM ReptClass CICS BTS requests
Current Suspend 00:00:00 CICS TCB..... QR ENQ info.....
CPU/TCB info....
    
```

Figure 101. The TASKD view

### Action commands

Table 213 on page 271 shows the action commands you can issue from the TASKD view. The ovrtype field is shown in Table 214 on page 271.

The action commands and ovrtype field for the TASKD view are available for all managed CICS systems for which TASKD is valid.

Table 213. TASKD view action commands

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.
n/a	SET	Sets a task attribute according to the new value you specify in an oertype field (see Table 214). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

Table 214. TASKD view oertype field

Field name	Values
Priority	0–255

## tasks – TASKD

### Hyperlinks

Table 215 shows the hyperlink fields on the TASKD view.

*Table 215. TASKD view hyperlink fields*

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of transaction.
Tran Class	TRNCLSD	Detailed view of transaction classes associated with the CICS system where this task is running.
First Program	PROGRAMD	Detailed view of the first program invoked at task attach-time.
Terminal ID	TERMNLD	Detailed view of the terminal associated with this task.
TermConn Name	CONNECTD	Detailed view of an ISC or MRO connection.
Facility ID	TERMNLD	Detailed view of the terminal associated with this task.
Process Type	PROCTYPD	Detailed view of the process type.
Clocks/timing	TASK3	Detailed view of clocks and timing information for the selected task.
Settings	TASK2	Detailed view of system settings for the selected task.
Request counts	TASK4	Detailed information of request counts for the selected task.
Comms requests	TASK6	Detailed view of communication requests for the selected task.
Storage usage	TASK5	Detailed view of storage usage for the selected task.
TCP/IP usage	TASK8	Detailed view of TCP/IP usage for the selected task.
CICS BTS requests	TASK7	Detailed view of CICS BTS requests for the selected task.
ENQ info	UOWENQ	General information about active and retained enqueues.
CPU/TCB info	TASK9	Detailed view of CPU/TCB usage information for the selected task.

## TASKS – Tasks summary

The TASKS view shows summarized information about currently executing tasks. TASKS is a summary form of the TASK view. Examples of how to use this view can be found in:

- “Finding out how many tasks are associated with a transaction” on page 405
- “Identifying the tasks associated with a transaction” on page 406
- “Relating a set of tasks to a user ID” on page 407

### Availability

The TASKS view is available for all managed CICS systems.

### Access

#### Issue command:

```
TASKS [task [RUNning|DISpatchable|SUSpended [trandid]]]
```

Where the parameters are the same as those for TASK on page 267.

**Select:** TASK from the OPERATE menu, and TASKS from the TASK submenu.

#### Summarize:

Issue the SUM display command from a TASK, TASKD, TASK2, TASK3, TASK4, TASK5, TASK6, TASK7, TASK8, or TASK9 view.

The TASKS view looks like the TASK view shown in Figure 99 on page 268 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the TASKS view, you can hyperlink from the Count field to the TASK view to expand a line of summary data. The TASK view includes only those resources that were combined to form the specified summary line.

## TASK2 – Task status details

The TASK2 view shows detailed information about system settings.

### Availability

This form of the TASK2 view is available for CICS Transaction Server for OS/390 Release 3 and later only.

### Access

#### Issue command:

```
TASK2 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the Settings field of the TASKD view.

Figure 102 is an example of the TASK2 view.

```

26MAR1999 16:05:54 ----- INFORMATION DISPLAY -----
COMMAND ==>                                SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =TASK=====TASK2====EYUPLX01=EYUPLX01=26MAR1999==16:05:46====CPSM=====1
Task ID.....          26 CICS System...  EYUMAS1A Timeout values==
Tran ID.....          CONL Purge Status.. NOTPURGE Runaway Time...
User ID.....          Trace Type....  STANTRAC  Deadlock TmOut.
Tran Priority..        255 Trans Dumps... NOTRANDUMP  Read TmOut.....

Routing info===        Security=====        Recovery=====
Dynamic Routing        STATIC CmdLvl Secur..  CMDSECNO  Dyn Tran Bck...
Routing Profile        ResLvl Secur..        RESSECNO  Option.....
Rem. Tran Name..      Wait Option....
Rem. System Id..      Wait Time.....

Storage=====
TWA Size.....          512
Screen Size....        DEFAULT
Clear Stor.....        NOCLEAR
Tsk Data Key...        CICSDATAKEY
Tsk Data Loc...        ANY
Isolate Status..        ISOLATE
    
```

Figure 102. The TASK2 view

### Action commands

Table 216 on page 275 shows the action commands you can issue from the TASK2 view.

The action commands for the TASK2 view are available for all managed CICS systems for which TASK2 is valid.

Table 216. TASK2 view action commands

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.
n/a	SET	Sets a task attribute according to the new value you specify in an oertype field (see Table 211). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

## Hyperlinks

Table 217 shows the hyperlink field on the TASK2 view.

Table 217. TASK2 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN	Detailed view of the transaction.

## TASK3 – Task first program details

The TASK3 view shows detailed information about clocks and timings.

### Availability

This form of the TASK3 view is available for CICS Transaction Server for OS/390 Release 3 and later only.

### Access

#### Issue command:

```
TASK3 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the Clocks/Timing field of the TASKD view.

Figure 103 and Figure 104 on page 277 are an example of the TASK3 view.

```

26MAR1999 21:13:28 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1      ALT WIN ==>
>W1 =TASK=====TASK3====EYUPLX01=EYUPLX01=26MAR1999==15:03:26====CPSM=====1
Task ID.....      18      Running Status..  RUNNING
Tran ID.....      CONL     Suspend Type....
User ID.....
CICS System.....  EYUMAS1A
Elapsed Time....  00:00:01   Current Suspend. 00:00:00
Clocks=====      Cnt      Clocks=====      Cnt
Dispatch time... 00:00:01 ... 186 Lc1 ENQ delay.. 00:00:00 ... 0
Suspend time.... 11:01:18 ... 186 Gb1 ENQ delay.. 00:00:00 ... 0
Dispwait.....    00:00:00 ... 185 FC I/O.....    00:00:00 ... 0
CPU.....         00:00:00 ... 185 JC I/O.....    00:00:00 ... 0
RLS CPU Time.... 00:00:00 ... 0   TD I/O.....      00:00:00 ... 0
1st Disp Delay.. 00:00:00 ... 1   TempStor I/O... 00:00:00 ...
JVM Elapsed time 00:00:00 ... 0   IMS DB wait.... 00:00:00 ...
JVM Suspend time 00:00:00 ... 0   DB2 total wait. 00:00:00 ... 0
RMI Elapsed Time 00:00:00 ... 0   Syncpointing... 00:00:00 ... 0
RMI Suspend Time 00:00:00 ... 0   Comms I/O..... 00:00:00 ...
Exception.....   00:00:00 ... 0   Other wait..... 11:01:16 ... 137
Program Load.... 00:00:00 ...
    
```

Figure 103. The TASK3 view (left side)

You can scroll to the right to see additional information, as shown in Figure 104 on page 277.



```

26MAR1999 09:48:45 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1          ALT WIN ==>
W1 =TASK====TASK3====EYUPLX01==EYUPLX01=26MAR1999==09:30:57====CPSM=====1
  First dispatch
  MXT Delay..... 00:00:00 ... 1 TC I/O..... 00:00:00 ... 0
  TClass Delay... 00:00:00 ... 0 IRC I/O..... 00:00:00 ... 0
  Other-----
  Run Txn wait... 00:00:00 ... 0 LU61 I/O..... 00:00:00 ... 0
  Interval wait... 00:00:00 ... 0 LU62 I/O..... 00:00:00 ... 0
  Lockmgr Wait... 00:38:00 ... 0 FEPI suspends... 00:00:00 ... 0
  External Wait... 00:00:00 ... 0 Socket I/O..... 00:00:00 ... 0
  CICS Wait..... 00:00:00 ... 0 Temp. Storage----
  Control Wait... 00:00:00 ... 0 TS I/O..... 00:00:00 ... 0
  Max Open TCB dly 00:00:00 ... 0 TS Shr I/O..... 00:00:00 ... 0
  QR Mode Delay... 00:00:00 ... 0 Files-----
  Syncpointing----
  SyncWait Time... 00:00:00 ... 0 FC I/O..... 00:00:00 ... 0
  Sync Delay..... 00:00:00 ... 0 FC RLS I/O..... 00:00:00 ... 0
  FC CFDT SynPt... 00:00:00 ... 0 FC CFDT I/O..... 00:00:00 ... 0
  RRMS wait..... 00:00:00 ... 0 DB2 waits-----
  DB2 Conn. Wait.. 00:00:00 ... 0
  DB2 Readyq wait. 00:00:00 ... 0
  DB2 Req. wait... 00:00:00 ... 0

```

Figure 104. The TASK3 view (right side)

#### Notes:

1. Most of the data shown in this view is available only if you have CICS monitoring turned on and are collecting performance class data. For details on the CICS monitoring facility (CMF), see the *CICS/ESA Performance Guide*. You can choose to collect CMF data for use by CICSplex SM, but not have it written to an SMF data set. For information on suppressing CMF records, see the discussion of CICSplex SM system parameters in *CICS Transaction Server for OS/390 Installation Guide*.
2. Most of the data shown in this view is available only for systems running the CICS TS for OS/390.

## Action commands

Table 218 on page 278 shows the action commands you can issue from the TASK3 view.

The action commands for the TASK3 view are available for all managed CICS systems for which TASK3 is valid.

## tasks – TASK3

Table 218. TASK3 view action commands

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.
n/a	SET	Sets a task attribute according to the new value you specify in an oertype field (see Table 211). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

## Hyperlinks

Table 219 shows the hyperlink field on the TASK3 view.

Table 219. TASK3 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN	Detailed view of the transaction.

## TASK4 – Task request count details

The TASK4 view shows detailed information about request counts.

### Availability

The TASK4 view is available for CICS Transaction Server for OS/390 Release 3 and later only.

### Access

#### Issue command:

```
TASK4 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the Request counts field of the TASKD view.

Figure 105 is an example of the TASK4 view.

```

26MAR1999 21:13:28 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =TASK=====TASK4====EYUPLX01=EYUPLX01=26MAR1999==10:06:14====CPSM=====1
Task ID.....      18 CICS System...  EYUMAS1A Jrnl Write Req    0
Tran ID.....      CONL FC Gets.....      0 Log Write Req.    0
User ID.....      FC Puts.....      0 Syncpoints....    0
                   FC Browses....    0 DH Creates....   N/A
Totals.....      FC Adds.....      0 DH Inserts....   N/A
File Control..      0 FC Deletes....    0 DH Sets.....    N/A
Tran Data.....      3 FC AccMeths...    0 DH Retrieves..   N/A
Temp Storage..      0 TD Gets.....      3 DH Doc Length.  N/A
Pgm Control...      22 TD Puts.....      0 IMS Requests..   0
Interval Ctrl..      5 TD Purges.....      0 DB2 Requests..   0
Document reqs.     N/A TS Gets.....      0 Chng Mode Reqs   74
DB requests...      0 TS Puts aux...    0 TCB Att Reqs..   0
Termnl reqs...      0 TS Puts main..    0
BMS reqs.....      0 PC Links.....      1
FEPI reqs.....      0 PC Link Dist..    0
Storage.....      121 PC Links URM..    0
CICS BTS reqs.     N/A PC Loads.....      21
WEB Reqs.....      N/A PC Xctls.....      0

```

Figure 105. The TASK4 view

#### Notes:

- Most of the data shown in this view is available only if you have CICS monitoring turned on and are collecting performance class data. For details on the CICS monitoring facility (CMF), see the *CICS/ESA Performance Guide*. You can choose to collect CMF data for use by CICSplex SM, but not have it written to an SMF data set. For information on suppressing CMF records, see the discussion of CICSplex SM system parameters in *CICS Transaction Server for OS/390 Installation Guide*.
- Most of the data shown in this view is available only for systems running the CICS TS for OS/390.

## Action commands

Table 220 shows the action commands you can issue from the TASK4 view.

The action commands for the TASK4 view are available for all managed CICS systems for which TASK4 is valid.

*Table 220. TASK4 view action commands*

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.
n/a	SET	Sets a task attribute according to the new value you specify in an overtyp field (see Table 211). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtyp a field.

## Hyperlinks

Table 221 shows the hyperlink field on the TASK4 view.

*Table 221. TASK4 view hyperlink field*

Hyperlink field	View displayed	Description
Tran ID	LOSTRAND	Detailed view of the transaction.
Termnl reqs	TASK6	Detailed information about communication requests.
BMS reqs	TASK6	Detailed information about communication requests.
FEPI reqs	TASK6	Detailed information about communication requests.
Storage	TASK5	Detailed information about storage usage.
CICS BTS reqs	TASK7	Detailed view about CICS BTS requests.
WEB Req	TASK8	Detailed view about Web requests.

## TASK5 – Task storage usage details

The TASK5 view shows detailed information about storage usage.

### Availability

The TASK5 view is available for CICS Transaction Server for OS/390 Release 3 and later only.

### Access

#### Issue command:

```
TASK5 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the Storage usage field of the TASKD view.

Figure 106 is an example of the TASK5 view.

```

26MAR1999 21:13:28 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
                                SCROLL ==> PAGE
>W1 =TASK=====TASK5====EYUPLX01=EYUPLX01=26MAR1999==10:06:14====CPSM=====1
Task ID.....          18 Above 16M===== Below 16M=====
Tran ID.....          CONL User Storage--   User Storage--
User ID.....          Getmains.....        0 Getmains.....        0
CICS System... EYUMAS1A HWM bytes....      0 HWM bytes....      0
                                CICS Storage--   CICS Storage--
TWA Size.....          512 Getmains.....        161 Getmains.....        1
Clear Stor.... NOCLEAR HWM bytes....    20656 HWM bytes....    400
Tsk Data Key.. CICSDATAKEY Shared Storage   Shared Storage
Tsk Data Loc.. ANY      Getmains.....        3 Getmains.....        3
                                Stg getmained   400 Stg getmained   0
                                Stg freed....    0 Stg freed....    0

Program Stg---          Program Stg---          Program Stg---
Overall HWM      2372616 Total HWM.... 2372616 Total HWM.... 0
                                Share Stg HWM   0 Share Stg HWM   0
                                R/O Stg HWM.. 2372616 R/O Stg HWM.. 0
                                CICS Stg HWM. 11768 CICS Stg HWM. 0
                                Usr Stg HWM..  N/A Usr Stg HWM..  N/A

```

Figure 106. The TASK5 view

#### Notes:

- Most of the data shown in this view is available only if you have CICS monitoring turned on and are collecting performance class data. For details on the CICS monitoring facility (CMF), see the *CICS/ESA Performance Guide*. You can choose to collect CMF data for use by CICSplex SM, but not have it written to an SMF data set. For information on suppressing CMF records, see the discussion of CICSplex SM system parameters in *CICS Transaction Server for OS/390 Installation Guide*.
- Most of the data shown in this view is available only for systems running the CICS TS for OS/390.

## tasks – TASK5

### Action commands

Table 222 shows the action commands you can issue from the TASK5 view.

The action commands for the TASK5 view are available for all managed CICS systems for which TASK5 is valid.

*Table 222. TASK5 view action commands*

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.
n/a	SET	Sets a task attribute according to the new value you specify in an oertype field (see Table 211). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

### Hyperlinks

Table 223 shows the hyperlink field on the TASK5 view.

*Table 223. TASK5 view hyperlink field*

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN	Detailed view of the transaction.

## TASK6 – Task communication requests details

The TASK6 view shows detailed information about communications requests.

### Availability

The TASK6 view is available for CICS Transaction Server for OS/390 Release 3 and later only.

### Access

#### Issue command:

```
TASK6 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the Comms requests field of the TASKD view, or the Termnl reqs, BMS reqs, and FEPI reqs fields of the TASK4 view.

Figure 107 is an example of the TASK6 view.

```

26MAR1999 21:13:28 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =TASK=====TASK6====EYUPLX01=EYUPLX01=26MAR1999==10:06:14====CPSM=====1
Task ID.....      18 CICS System...  EYUMASIA Terminal requests
Tran ID.....      CONL FEPI request==  Primary-----
User ID.....      Allocates....      0 Msgs recvd.....  0
                          Sends.....      0 Msgs sent.....   0
Facility ID...      Receives.....      0 Chrs recvd.....  0
Facility.....      TASK Starts.....      0 Chrs sent.....   0
Terminal ID...      Chars Sent...      0 Secondary-----
TermConn Name.      Chars Received      0 Allocates.....   0
Terminal.....      0000 Alloc TimeOuts      0 Msgs recevd....  0
Info.....          0000 Recv TimeOuts.      0 Msgs sent.....   0
LU Name.....      Total Requests      0 Chrs recvd.....  0
                          Chrs sent.....   0
Clock times===      Clock starts===      LU62 Msgs Recvd.  0
TC I/O.....      00:00:00 TC I/O.....      0 LU62 Msgs sent..  0
IRC I/O.....      00:00:00 IRC I/O.....      0 LU62 Chrs Recvd.  0
LU62 I/O.....      00:00:00 LU62 I/O.....      0 LU62 Chrs Sent..  0
LU61 I/O.....      00:00:00 LU61 I/O.....      0 TC total.....    0
FEPI wait....      00:00:00 FEPI wait.....      0 BMS total.....    0

```

Figure 107. The TASK6 view

#### Notes:

- Most of the data shown in this view is available only if you have CICS monitoring turned on and are collecting performance class data. For details on the CICS monitoring facility (CMF), see the *CICS/ESA Performance Guide*. You can choose to collect CMF data for use by CICSplex SM, but not have it written to an SMF data set. For information on suppressing CMF records, see the discussion of CICSplex SM system parameters in *CICS Transaction Server for OS/390 Installation Guide*.
- Most of the data shown in this view is available only for systems running the CICS TS for OS/390.

## Action commands

Table 224 shows the action commands you can issue from the TASK6 view.

The action commands for the TASK6 view are available for all managed CICS systems for which TASK6 is valid.

*Table 224. TASK6 view action commands*

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.
n/a	SET	Sets a task attribute according to the new value you specify in an overtime field (see Table 211). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtime a field.

## Hyperlinks

Table 225 shows the hyperlink field on the TASK6 view.

*Table 225. TASK6 view hyperlink field*

Hyperlink field	View displayed	Description
Tran ID	LOSTRAND	Detailed view of the transaction.
Facility ID	TERMNLD	Detailed view of the terminal associated with this task.
TermConn Name	CONNECTD	Detailed view of an ISC or MRO connection.



## TASK7 – Task CICS BTS requests details

The TASK7 view provides statistical information on the CICS Business Transaction Services requests issued by this task.

### Availability

The TASK7 view is available for all managed CICS systems that support CICS BTS activities.

### Access

#### Issue command:

```
TASK7 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the CICS BTS requests field of either the TASKD view or the TASK4 view.

Figure 108 is an example of the TASK7 view.

```

26MAR1999 21:13:28 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =TASK7=====EYUPLX01=EYUPLX01=26MAR1999==10:06:14====CPSM=====1
Task ID.....      18 CICS System...  EYUMAS1A Process Name.
Tran ID.....      CONL Process Type..  N/A Activity Name
User ID.....
0
0
Process/Activity...  Container.....
Requests=====
Run Proc/Act sync.  0 Process.....      0
Run Proc/Act async  0 Activity.....      0
Link Proc/Act....  0 TOTAL.....      0
Suspend Proc/Act..  0
Resume Proc/Act...  0 Event.....      0
Del/Can Proc/Act..  0 Requests=====
Define Process....  0 Retr. Reattach.    0
Define Activity...  0 Define Input...    0
Acquire Proc/Act..  0 Timer Requests.    0
Reset Proc/Act....  0 TOTAL.....      0
TOTAL.....      0

```

Figure 108. The TASK7 view

#### Notes:

- Most of the data shown in this view is available only if you have CICS monitoring turned on and are collecting performance class data. For details on the CICS monitoring facility (CMF), see the *CICS/ESA Performance Guide*. You can choose to collect CMF data for use by CICSplex SM, but not have it written to an SMF data set. For information on suppressing CMF records, see the discussion of CICSplex SM system parameters in *CICS Transaction Server for OS/390 Installation Guide*.
- Most of the data shown in this view is available only for systems running the CICS TS for OS/390.

## tasks – TASK7

### Action commands

Table 226 shows the action commands you can issue from the TASK7 view.

The action commands for the TASK7 view are available for all managed CICS systems for which TASK7 is valid.

*Table 226. TASK7 view action commands*

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.

### Hyperlinks

Table 227 shows the hyperlink field on the TASK7 view.

*Table 227. TASK7 view hyperlink field*

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN	Detailed view of the transaction.
Process Type	PROCTYP	General view of process types.

## TASK8 – Task TCP/IP usage details

The TASK8 view provides statistical information on the usage of TCP/IP services and activities issued by this task.

### Availability

The TASK8 view is available for all managed CICS systems that support CICS BTS activities.

### Access

#### Issue command:

```
TASK8 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the TCP/IP usage field of the TASKD view, or the WEB reqs field of the TASK4 view.

Figure 109 is an example of the TASK8 view.

```

26MAR1999 21:13:28 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =TASK8=====EYUPLX01=EYUPLX01=26MAR1999==10:06:14====CPSM=====1
Task ID.....      18 CICS System.... EYUMAS1A
Tran ID.....      CONL
User ID.....      Client IP addr.          N/A

WEB Requests===    Socket Info=====      cnt
Receives.....      0 Socket I/O wait      N/A ...  N/A
Chars Received      0 Bytes Encrypted      N/A
Sends.....          0 Bytes Decrypted      N/A
Chars sent....      0
Repos. Writes.      0
TOTAL.....          0

```

Figure 109. The TASK8 view

#### Notes:

1. Most of the data shown in this view is available only if you have CICS monitoring turned on and are collecting performance class data. For details on the CICS monitoring facility (CMF), see the *CICS/ESA Performance Guide*. You can choose to collect CMF data for use by CICSplex SM, but not have it written to an SMF data set. For information on suppressing CMF records, see the discussion of CICSplex SM system parameters in *CICS Transaction Server for OS/390 Installation Guide*.
2. Most of the data shown in this view is available only for systems running the CICS TS for OS/390.

### Action commands

Table 228 on page 288 shows the action commands you can issue from the TASK8 view.

## tasks – TASK8

The action commands for the TASK8 view are available for all managed CICS systems for which TASK8 is valid.

*Table 228. TASK8 view action commands*

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.

## Hyperlinks

Table 229 shows the hyperlink field on the TASK8 view.

*Table 229. TASK8 view hyperlink field*

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN	Detailed view of the transaction.

## TASK9 – Task CPU and TCB usage details

The TASK9 view provides statistical information on the usage of TCBs and associated CPU/dispatch times by this task.

### Availability

The TASK9 view is available for all managed CICS systems.

### Access

#### Issue command:

```
TASK9 task sysname
```

task Is the ID of a currently executing task.

sysname Is the name of the CICS system where the task is executing. The CICS system must be within the current scope.

#### Hyperlink from:

the CPU/TCB info field of the TASKD view.

Figure 110 is an example of the TASK9 view.

```

26MAR1999 21:13:28 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =TASK=====TASK9====EYUPLX01=EYUPLX01=26MAR1999==10:06:14====CPSM=====1
Task ID.....      18
Tran ID.....      CONL
User ID.....
CICS System.....  EYUMAS1A
Clocks=====      Cnt      Clocks=====      Cnt
Misc Disp time.. 00:00:01 ... 42  Misc CPU time.. 00:00:00 ...
QR Disp time.... 00:00:00 ... 96  QR CPU time.... 00:00:00 ...
                                           L8 CPU time.... 00:00:00 ...
                                           J8 CPU time.... 00:00:00 ...
                                           S8 CPU time.... 00:00:00 ...

Max Open TCB dly 00:00:00 ... 0  TCB Att Reqs...      0
QR Mode Delay... 00:00:00 ... 95  Chng Mode Reqs.     74
                                           CICS TCB.....      QR

```

Figure 110. The TASK9 view

#### Notes:

1. Most of the data shown in this view is available only if you have CICS monitoring turned on and are collecting performance class data. For details on the CICS monitoring facility (CMF), see the *CICS/ESA Performance Guide*. You can choose to collect CMF data for use by CICSplex SM, but not have it written to an SMF data set. For information on suppressing CMF records, see the discussion of CICSplex SM system parameters in *CICS Transaction Server for OS/390 Installation Guide*.
2. Most of the data shown in this view is available only for systems running the CICS TS for OS/390.

## tasks – TASK9

### Action commands

Table 230 shows the action commands you can issue from the TASK9 view.

The action commands for the TASK9 view are available for all managed CICS systems for which TASK9 is valid.

*Table 230. TASK9 view action commands*

Primary command	Line command	Description
FORcepurge	FOR	Forces CICS to purge the task immediately, regardless of whether system or data integrity can be maintained.
PURge	PUR	Purges the task normally. CICS does not purge the task unless system and data integrity can be maintained.

### Hyperlinks

Table 231 shows the hyperlink field on the TASK9 view.

*Table 231. TASK9 view hyperlink field*

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN	Detailed view of the transaction.

---

## Chapter 14. TCP/IP services

The TCPIP views show information about TCP/IP services within the current context and scope.

The TCPIP operations views are:

**TCPIPS**

A general view of TCP/IP services

**TCPIPSD**

A detailed view of a TCP/IP service

**TCPIPSS**

A summary view of TCP/IP services

For details about the availability of TCP/IP views, see the individual view descriptions.

## TCPIPS – TCP/IP services

The TCPIPS view shows general information about currently installed TCP/IP service definitions.

### Availability

The TCPIPS view is available for all managed CICS systems at CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

```
TCPIPS [TCP/IP-service ]
```

TCP/IP-service Is the specific or generic name of a currently installed TCP/IP service definition, or \* for all TCP/IP service definitions. If you omit this parameter, the view includes information about all TCP/IP service definitions within the current scope.

**Select:** TCPIPS from the OPERATE menu, and TCPIPS from the TCPIPS submenu.

Figure 111 is an example of the TCPIPS view.

```

26MAR1999 12:05:22 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 2          ALT WIN ==>
W1 =TCPIPS=====EYUPLX01=EYUPLX01=26MAR1999==11:56:11====CPSM=====126
CMD Service  CICS   Port  Open   Conn  Back  IP Address  TS Q
--- Name     System--  ----  Status---- Count- log---  ----- Prefix
TCPIPS1     CVMGAM1      Closed      0      0
TCPIPS2     CVMGAM3      Closed      0      0
    
```

Figure 111. The TCPIPS view

### Action commands

Table 232 shows the action commands you can issue from the TCPIPS view. The oertype field is shown in Table 233 on page 293.

The action commands and oertype fields for the TCPIPS view are available for all managed CICS systems for which TCPIPS is valid, except as noted in Table 232 and Table 233 on page 293.

Table 232. TCPIPS view action commands

Primary command	Line command	Description
CLS TCP/IP service sysname	CLS	Closes a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition. Output operations from transactions in a managed CICS system that use this TCP/IP service definition are allowed to complete.
DiSCard TCP/IP service sysname	DSC	Discards a TCP/IP service definition from the CICS system where it is installed.



Table 232. TCPIPS view action commands (continued)

Primary command	Line command	Description
OPEn TCP/IP service sysname	OPE	Opens a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.

Table 233. TCPIPS view oertype field

Field name	Values
Status	OPEN   CLOSED

## Hyperlinks

Table 234 shows the hyperlink field on the TCPIPS view.

Table 234. TCPIPS view hyperlink field

Hyperlink field	View displayed	Description
Service name	TCPIPSD	Detailed view of the specified TCP/IP service definition

**Note:** You can also display the TCPIPS view by issuing the SUM display command.

## TCPIPSD – TCP/IP service details

The TCPIPSD view shows detailed information about a currently installed TCP/IP service definition.

### Availability

The TCPIPSD view is available for all managed CICS systems at CICS Transaction Server for OS/390 Release 3 and later.

### Access

#### Issue command:

```
TCPIPSD TCP/IP-service sysname
```

TCP/IP-service Is the name of a currently installed TCP/IP service definition.

sysname Is the name of the CICS system where the TCP/IP service definition is installed. The CICS system must be within the current scope.

#### Hyperlink from:

the Service Name field of the TCPIPS view.

Figure 112 is an example of the TCPIPSD view.

```

26MAR1999 12:05:22 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 2 ALT WIN ==>
W1 =TCPIPS==TCPIPSD==EYUPLX01=EYUPLX01=26MAR1999==11:56:11====CPSM=====126
CICS System..... EYUMAS01
TCP/IP Service Name TCPIPS1 Open Status... CLOSED
Port..... 1 Open Date.... 26MAR1999
Backlog..... 0 Open Time.... 15:38:04
SSL..... SSLNO Close Date...
Transid..... AMNU Close Time... 00:00:00
URM..... DFHWBADX
TS Queue Prefix... Sends..... 22
IP Address..... 9.20.2.52 Send bytes... 143020
Receives..... 53
Connections..... 0 Received bytes 21430
Peak Connections... 1
Trans Attached.... 22
SocketClose..... WAIT
Close Timeout..... 0
    
```

Figure 112. The TCPIPSD view

### Action commands

Table 235 on page 295 shows the action commands you can issue from the TCPIPSD view. The overtypable fields are shown in Table 236 on page 295.

The action commands and overtypable fields for the TCPIPSD view are available for all managed CICS systems for which TCPIPSD is valid.

Table 235. TCPIPSD view action commands

Primary command	Line command	Description
CLS	CLS	Requests a TCP/IP service definition to be closed. When this action command is used, a managed CICS system will no longer accept input from this TCP/IP service definition.
DiSCard	DSC	Discards the TCP/IP service definition from the CICS system where it is installed.
OPEn	OPE	Requests a TCP/IP service definition to be opened. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.
n/a	SET	Sets a TCP/IP service definition attribute according to the new value you specify in an overtype field (see Table 236). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 236. TCPIPSD view overtype fields

Field name	Values
Open Status	OPEN   CLOSED
URM	8-character program name

## Hyperlinks

Table 237 shows the hyperlink fields on the TCPIPSD view.

Table 237. TCPIPSD view hyperlink fields

Hyperlink field	View displayed	Description
Transid	LOCTRAN	Detailed view of the specified local transaction
URM	PROGRAMD	Detailed view of the specified program

## TCPIPSS – TCP/IP services summary

The TCPIPSS view shows summarized information about currently installed TCP/IP service definitions. TCPIPSS is a summary form of the TCPIPS view.

### Availability

The TCPIPSS view is available for all managed CICS systems at CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

TCPIPSS [TCP/IP-service ]

Where the parameters are the same as those for TCPIPS on page 292.

**Select:** TCPIPS from the OPERATE menu, and TCPIPSS from the TCPIPS submenu.

**Summarize:**

Issue the SUM display command from a TCPIPS or TCPIPSS view.

The TCPIPSS view looks like the TCPIPS view shown in Figure 111 on page 292 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 238 shows the action commands you can issue from the TCPIPSS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype field is shown in Table 239.

The action commands and overtype fields for the TCPIPSS view are available for all managed CICS systems for which TCPIPSS is valid.

Table 238. TCPIPSS view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards all TCP/IP service definitions matching the summarized line from the CICS system on which they are installed.
n/a	CLS	Closes a TCP/IP service. When this action command is used, a managed CICS system no longer accepts input from this TCP/IP service definition.
n/a	OPE	Opens a TCP/IP service. When this action command is used, a managed CICS system will accept input from this TCP/IP service definition.

Table 239. TCPIPSS view overtype field

Field name	Values
Status	OPEN   CLOSED

## Hyperlinks

From the TCPIPSS view, you can hyperlink from the Count field to the TCPIPS view to expand a line of summary data. The TCPIPS view includes only those resources that were combined to form the specified summary line.

## TCP/IP services – TCPIPSS

---

## Chapter 15. Temporary storage

The temporary storage views show information about temporary storage usage and temporary storage queues within the current context and scope.

The temporary storage operations views are:

| **TSMODEL**

| A general view of all information currently available for all in-use  
| temporary storage models.

| **TSMODELD**

| A detailed view of temporary storage models.

| **TSMODELS**

| A summary view of temporary storage models

| **TSPOOL**

| A general view of temporary storage shared pools.

| **TSQ** A general view of temporary storage queues

| **TSQD** A detailed view of temporary storage queues

| **TSQS** A summary view of temporary storage queues

| **TSQGBL**

| A general view of temporary storage queue usage

| **TSQGBLD**

| A detailed view of temporary storage queue usage in a CICS system

| **TSQGBLS**

| A summary view of temporary storage queue usage

| **TSQNAME**

| A general view of all non-shared temporary storage queues

| **TSQNAMED**

| A detailed view of a non-shared temporary storage queue

| **TSQNAMES**

| A summary view of all non-shared temporary storage queues

| **TSQSHR**

| A general view of shared temporary storage queues

| **TSQSHRD**

| A detailed view of shared temporary storage queues

| **TSQSHRS**

| A summary view of shared temporary storage queues.

For details about the availability of the temporary storage queue views, see the individual view descriptions.





## temporary storage model – TSMODEL

```
----- Confirm Removal of Temporary Storage Model from EYUPLX01 -----  
COMMAND ==>  
  
Model Name           EYUTSQ01  
CICS System          EYUMAS1A  
TS Queue Prefix      TSQUEUE9999.....  
  
Deletion of this TSMODEL may cause all subsequent I/O requests for  
TS Queue names matching the prefix value to be evaluated by a  
Model with a less precise prefix.  
Otherwise, such I/O requests will assume local CICS System default  
assignments  
  
Press ENTER to discard the Model.  
Type END or CANCEL to cancel without discarding.
```

Figure 114. The TSMODEL deletion panel

## Hyperlinks

Table 241 shows the hyperlink field on the TSMODEL view.

Table 241. TSMODEL view hyperlink field

Hyperlink field	View displayed	Description
Model Id	TSMODELD	Detailed view of the specified model.

## TSMODELD – Temporary storage model details

The TSMODELD view shows detailed information about a temporary storage model.

### Availability

The TSMODELD view is available for CICS Transaction Server for OS/390 Release 3 and later systems only.

### Access

**Issue command:**

TSMODELD tsm

tsmd Is the specific or generic name of a temporary storage model.

**Note:** You cannot specify a model name if it is a hexadecimal value.

**Hyperlink from:**

the Model Id field on the TSMODEL view.

Figure 115 is an example of the TSMODELD view.

```

26MAR1999 21:58:38 ----- INFORMATION DISPLAY -----
COMMAND ==>                                SCROLL ==> PAGE
CURR WIN ==> 1      ALT WIN ==>
W1 =TSMODEL==TSMODELD==EYUPLX01=EYUPLX01=26MAR1999==21:57:59===CPSM=====1
CICS System.....          EYUMAS1A
TS Model Name.....        EYUTSM01

TSQ Name Prefix... 0EFF97CB404040404040404040404040
TSQ Location.....          MAIN

Recovery Attribute          NOTRECOVERABLE
Security Attribute          NOSECURITY
Shared Poolname...          .....

Remote System.....          ....
Remote Prefix.....          .....
    
```

Figure 115. The TSMODELD view

### Action commands

Table 242 shows the action command that you can issue from the TSMODEL view.

Table 242. TSMODEL view action command

Primary command	Line command	Description
DiSCard	DSC	Takes the specified temporary storage model out of use in on its resident CICS system. A pop-up confirmation panel is displayed; see Figure 114 on page 301.

### Hyperlinks

None.

---

## TSMODELS – Temporary storage models summary

The TSMODELS view shows summarized information about installed temporary storage models. TSMODELS is a summary form of the TSMODEL view.

### Availability

The TSMODELS view is available for CICS Transaction Server for OS/390 Release 3.

### Access

**Issue command:**

TSMODELS [tmodel]

**Select:** TEMPSTOR from the OPERATE menu, and TSMODELS from the TEMPSTOR submenu.

**Summarize:**

Issue the SUM display command from a TSMODEL or TSMODELS view. The TSMODELS view looks like the TSMODEL view shown in Figure 113 on page 300 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the TSMODELS view, you can hyperlink from the Count field to the TSMODEL view to expand a line of summary data. The TSMODEL view includes only those resources that were combined to form the specified summary line.

## temporary storage shared pool – TSPPOOL

### TSPPOOL – Temporary storage pools

The TSPPOOL view shows general information about temporary storage pools.

#### Availability

The TSPPOOL view is available for CICS Transaction Server for OS/390 Release 3 and later systems only.

#### Access

##### Issue command:

```
TSPPOOL [tspool]
```

tspool Is the specific or generic name of a temporary storage shared pool. If you omit this parameter, the view includes information about all temporary storage pools within the current scope.

**Note:** You cannot specify a pool name if it is a hexadecimal value.

**Select:** TEMPSTOR from the OPERATE menu, and TSPPOOL from the TEMPSTOR submenu.

Figure 116 is an example of the TSPPOOL view.

```
26MAR1999 16:54:07 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TSPPOOL=====EYUPLX01=EYUPLX01=26MAR1999==16:54:07====CPSM=====92
CMD Pool   CICS   Conn
--- ID----- System-- Status-----
SHRPOOL1  EYUMAS1A  CONNECTED
SHRPOOL1  EYUMAS2A  CONNECTED
SHRPOOL1  EYUMAS3A  UNCONNECTED
SHRPOOL2  EYUMAS1A  CONNECTED
SHRPOOL3  EYUMAS2A  CONNECTED
SHRPOOL4  EYUMAS1A  UNCONNECTED
SHRPOOL4  EYUMAS2A  UNCONNECTED
```

Figure 116. The TSPPOOL view

#### Action commands

None.

#### Hyperlinks

Table 243 shows the hyperlink field on the TSPPOOL view.

Table 243. TSPPOOL view hyperlink field

Hyperlink field	View displayed	Description
POOL ID	TSQSHR	Queues in the Temporary storage Pool.

## TSQ – Temporary storage queues

The TSQ view shows general information about short temporary storage queues.

### Availability

The TSQ view is available for the following directly or indirectly connected, see “CICS system connectivity” on page x CICS systems:

- CICS/ESA 3.3 and later
- CICS for OS/2 3.0 and later
- CICS Transaction Server for VSE/ESA Release 1 and later

### Access

#### Issue command:

TSQ [tsq]

tsq Is the specific or generic name of a temporary storage queue. If you omit this parameter, the view includes information about all temporary storage queues within the current scope.

**Note:** You cannot specify a queue name if it is a hexadecimal value.

**Select:** TEMPSTOR from the OPERATE menu, and TSQ from the TEMPSTOR submenu.

Figure 117 is an example of the TSQ view. Figure 118 on page 306 is an example of the TSQ Deletion Panel.

```

26MAR1999 21:57:59 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
15SEP1998 10:46:05 ----- INFORMATION DIS
CURR WIN ==> 1      ALT WIN ==>
W1 =TSQ=====EYUPLX01=EYUPLX01=26MAR1999==10:46:05====CPSM=====3
CMD Queue      CICS      Queue  Number Total  -Item Length
--- Name----- System-- Location- Items- Length-- -Max- -Min-
CPSMTSQ1      CVMPDM4  MAIN      17    1088    64    64
TSQ00001      CVMPDM4  MAIN       9     576    64    64
TSQ00002      CVMPDM4  AUXILIARY  6     384    64    64

```

Figure 117. The TSQ view

## temporary storage – TSQ

```
----- Confirm Removal of Temporary Storage Queue from EYUPLX01 -----  
COMMAND ==>  
  
Queue Name           EYUTSQ01  
CICS System          EYUMAS1A  
  
Last User Interval ==>  
  
You may enter an optional Last Used Interval if you wish to avoid  
deleting the queue if it has been referenced within the specified  
period.  
  
Press ENTER to initiate removal.  
Type END or CANCEL to cancel without removing.
```

Figure 118. The TSQ deletion panel

## Action commands

Table 244 shows the action command that you can issue from the TSQ view.

Table 244. TSQ view action command

Primary command	Line command	Description
DELeTe queueName sysname	DEL	Deletes the temporary storage queue. A pop-up confirmation panel is displayed; see Figure 118. Delete is only available on systems running CICS Transaction Server for OS/390 Release 3 or later.

## Hyperlinks

Table 245 shows the hyperlink field on the TSQ view.

Table 245. TSQ view hyperlink field

Hyperlink field	View displayed	Description
Queue Name	TSQD	Detailed view of the specified queue.

**Note:** You can also display the TSQS view by issuing the SUM display command.

## TSQD – Temporary storage queue details

The TSQD view shows detailed information about a temporary storage queue.

### Availability

The TSQD view is available for the following directly or indirectly connected, see “CICS system connectivity” on page x CICS systems:

- CICS/ESA 3.3 and later
- CICS for OS/2 3.0 and later
- CICS Transaction Server for VSE/ESA Release 1 and later

### Access

#### Issue command:

```
TSQD tsq sysname
```

tsq Is the name of a specific temporary storage queue.

**Note:** You cannot specify a queue name if it is a hexadecimal value.

sysname Is the name of the CICS system where the temporary storage queue is defined. The CICS system must be within the current scope.

#### Hyperlink from:

the Queue Name field of the TSQ view.

Figure 119 is an example of the TSQD view.

```

26MAR1999 21:58:38 ----- INFORMATION DISPLAY -----
COMMAND ==>                                SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =TSQ=====TSQD===EYUPLX01=EYUPLX01=26MAR1999==10:46:05====CPSM=====1
Queue Name.....      EYUTSQ01
CICS System....      EYUMAS1A
Location.....        AUXILIARY
Number Items...      8
Total Length...      512
Max Item Len...      64
Min Item Len...      64
Time since use.      214
Creating Tran..      CECI
Recovery Status      NOTRECOVERABLE

```

Figure 119. The TSQD view

### Action commands

None.

### Hyperlinks

None.

## TSQS – Temporary storage queues summary

The TSQS view shows summarized information about temporary storage queues. TSQS is a summary form of the TSQ view.

### Availability

The TSQD view is available for the following directly or indirectly connected, see “CICS system connectivity” on page x CICS systems:

- CICS/ESA 3.3 and later
- CICS for OS/2 3.0 and later
- CICS Transaction Server for VSE/ESA Release 1 and later

### Access

**Issue command:**

TSQS [tsq]

Where the parameters are the same as those for TSQ view on page 305.

**Select:** TEMPSTOR from the OPERATE menu, and TSQS from the TEMPSTOR submenu.

**Summarize:**

Issue the SUM display command from a TSQ or TSQS view.

The TSQS view looks like the TSQ view shown in Figure 117 on page 305 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the TSQS view, you can hyperlink from the Count field to the TSQ view to expand a line of summary data. The TSQ view includes only those resources that were combined to form the specified summary line.



## TSQGBL – Temporary storage queue usage

The TSQGBL view shows general information about temporary storage queue usage.

### Availability

The TSQGBL view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**  
TSQGBL

**Select:** TEMPSTOR from the OPERATE menu, and TSQGBL from the TEMPSTOR submenu.

Figure 120 is an example of the TSQGBL view.

```

26MAR1999 21:59:55 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TSQGBL=====EYUPLX01=EYUPLX01=26MAR1999==21:59:55====CPSM=====4
CMD CICS   Curr  Peak  Curr  Peak  Curr  Peak  Curr  Times
--- System-- Bwait- Bwait- Swait- Swait- Stg--- Stg--- CIs--- NOSPAC
EYUMAS1A   0    0    0    0    0    0    0    2    0
EYUMAS2A   0    0    0    0    0    0    0    1    0
EYUMAS3A   0    0    0    0    0    0    0    1    0
EYUMAS4A   0    0    0    0    0    0    0    1    0
    
```

Figure 120. The TSQGBL view

### Action commands

None.

### Hyperlinks

Table 246 shows the hyperlink field on the TSQGBL view.

Table 246. TSQGBL view hyperlink field

Hyperlink field	View displayed	Description
CICS System	TSQGBLD	Detailed view of temporary storage queue usage in the specified CICS system.

**Note:** You can also display the TSQGBLS view by issuing the SUM display command.

## TSQGBLD – Temporary storage queue usage details

The TSQGBLD view shows detailed information about temporary storage queue usage in a CICS system.

### Availability

The TSQGBLD view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

```
TSQGBLD sysname
```

sysname Is the name of a CICS system within the current scope.

**Hyperlink from:**

the CICS System field of the TSQGBL view.

Figure 121 is an example of the TSQGBLD view.

```
26MAR1999 11:05:43 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TSQGBL==TSQGBLD==EYUPLX01==EYUPLX01=26MAR1999==11:05:43====CPSM====1
CICS System..... EYUMAS01
TS Names Inuse...      32 Num CIs in DS.... 50000 Aux Buffers..      78
Tot Queue Creates    21212 Curr CIs in Use..  4789 Buffer Waits.      10
Peak Conc Queues.    1211 Peak CIs in Use..  4789 Curr Buf Wait      4
Que Ext Create...     13 Avail Bytes CI...  4000 Peak Buf Wait      4
Que Ext Threshold    12 Segments/CI.....    63 Buff Compress      110
Longest Queue....    18 Bytes/Segment....    64 Buffer Reads.      1234
Longest Aux Rec..    5012 NOSPACE Count....  20 Buffer Writes      5678
PUT/PUTQ Main.... 12345678 Aux Strings.....    16 Format Writes       13
GET/GETQ Main....   1235 Peak Strings Used    16 Write GT CI..       22
Curr Stg Main....   234567 String Waits.....   128 Recovry Write       8
Peak Stg Main....   234567 Curr String Waits    14 Recovry Write        0
PUT/PUTQ Aux.....   12345 Peak String Waits    14 ShrPools Defd      N/A
GET/GETQ Aux.....  312323 Aux DS IO Errors.      7 ShrPools Conn      N/A
                                   ShrRead Reqs.      N/A
                                   ShrWrit Reqs.      N/A
```

Figure 121. The TSQGBLD view

### Action commands

None.

### Hyperlinks

None.

---

## TSQGBLS – Temporary storage queue usage summary

The TSQGBLS view shows summarized information about temporary storage queue usage. TSQGBLS is a summary form of the TSQGBL view.

### Availability

The TSQGBLS view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

TSQGBLS

**Select:** TEMPSTOR from the OPERATE menu, and TSQGBLS from the TEMPSTOR submenu.

**Summarize:**

Issue the SUM display command from a TSQGBL or TSQGBLS view. The TSQGBLS view looks like the TSQGBL view shown in Figure 120 on page 309 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the TSQGBLS view, you can hyperlink from the Count field to the TSQGBL view to expand a line of summary data. The TSQGBL view includes only those resources that were combined to form the specified summary line.

## TSQNAME – Long temporary storage queues

The TSQNAME view shows general information about all non-shared temporary storage queues.

### Availability

The TSQNAME view is available for all directly-connected CICS systems. See “CICS system connectivity” on page x.

### Access

**Issue command:**

TSQNAME [tsqname]

tsqname Is the specific or generic name of a non-shared temporary storage queue. If you omit this parameter, the view includes information about all non-shared temporary storage queues within the current scope.

**Note:** You cannot specify a queue name if it is a hexadecimal value.

**Select:** TEMPSTOR from the OPERATE menu, and TSQNAME from the TEMPSTOR submenu.

Figure 122 is an example of the TSQNAME view. Figure 123 on page 313 is an example of the TSQNAME Deletion Panel.

```
15SEP1998 10:45:39 -----INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TSQNAME=====PDPLEX===PDPLEX===15SEP1998==10:45:38====CPSM=====8
CMD Queue          CICS   Que  Number Total
--- Name----- System-- Locn Items- Length--
CPSMTSQ1          CVMPDM4 MAIN    17    1088
TSQ00001          CVMPDM4 MAIN     9     576
TSQ00002          CVMPDM4 AUX      6     384
```

Figure 122. The TSQNAME view

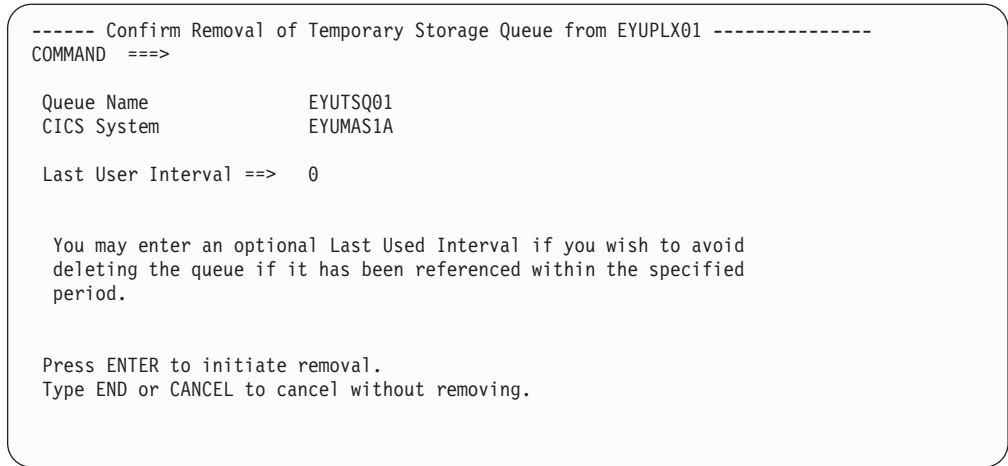


Figure 123. The TSQNAME deletion panel

## Action commands

Table 247 shows the action command that you can issue from the TSQNAME view.

Table 247. TSQNAME view action command

Primary command	Line command	Description
DELeTe queueName sysname	DEL	Deletes the non-shared temporary storage queue. A pop-up confirmation panel is displayed. Delete is only available on systems running CICS Transaction Server for OS/390 Release 3 or later.

## Hyperlinks

Table 248 shows the hyperlink field on the TSNAME view.

Table 248. TSQNAME view hyperlink field

Hyperlink field	View displayed	Description
Queue Name	TSQNAMED	Detailed view of the specified queue.

**Note:** You can also display the TSQNAME view by issuing the SUM display command.

## TSQNAMED – Long temporary storage queue details

The TSQNAMED view shows detailed information about a non-shared temporary storage queue.

### Availability

The TSQNAMED view is available for all directly-connectable systems. See “CICS system connectivity” on page x.

### Access

**Issue command:**

```
TSQNAMED tsq sysname
```

tsq Is the name of a specific non-shared temporary storage queue.

**Note:** You cannot specify a queue name if it is a hexadecimal value.

sysname Is the name of the CICS system where the non-shared temporary storage queue is defined. The CICS system must be within the current scope.

**Hyperlink from:**

the Queue Name field of the TSQNAME view.

Figure 124 is an example of the TSQNAMED view.

```
26MAR1999 21:58:38 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =TSQNAME==TSQNAMED=EYUPLX01=EYUPLX01=26MAR1999==10:45:38====CPSM=====1
Queue Name..... TSQ00001
CICS System.... CVMPDM4

Location..... MAIN
Number Items... 4
Total Length... 576
Max Item Len... 64
Min Item Len... 64
Time since use. 260
Creating Tran.. CECI
Recovery Status NOTRECOVERABLE
```

Figure 124. The TSQNAMED view

### Action commands

None.

### Hyperlinks

None.

## TSQNAMES – Long temporary storage queues summary

The TSQNAMES view shows summarized information about non-shared temporary storage queues. TSQNAMES is a summary form of the TSQNAME view.

### Availability

The TSQNAMES view is available for all directly-connectable CICS systems. See “CICS system connectivity” on page x.

### Access

**Issue command:**

TSQNAMES [tsq]

Where the parameters are the same as those for TSQNAME view on page 312.

**Select:** TEMPSTOR from the OPERATE menu, and TSQNAMES from the TEMPSTOR submenu.

**Summarize:**

Issue the SUM display command from a TSQNAME or TSQNAMES view.

The TSQNAMES view looks like the TSQNAME view shown in Figure 122 on page 312 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the TSQNAMES view, you can hyperlink from the Count field to the TSQNAME view to expand a line of summary data. The TSQNAME view includes only those resources that were combined to form the specified summary line.

## TSQSHR – Shared temporary storage queues

The TSQSHR view shows general information about shared temporary storage queues.

### Availability

The TSQSHR view is available for CICS Transaction Server for OS/390 Release 3 and later systems.

### Access

**Issue command:**

```
TSQSHR [tsq] [tspool]
```

tsq Is the specific or generic name of a shared temporary storage queue. If you omit this parameter, the view includes information about all temporary storage queues and temporary storage pools within the current scope.

tspool Is the specific or generic name of a temporary storage pool defined in the MVS coupling facility.

**Note:** You cannot specify a queue name if it is a hexadecimal value.

**Select:** TEMPSTOR from the OPERATE menu, and TSQSHR from the TEMPSTOR submenu.

**Hyperlink from:**

the Pool id field of the TSPPOOL view.

Figure 125 is an example of the TSQSHR view. Figure 126 on page 317 is an example of the TSQSHR Deletion Panel.

```
26MAR1999 21:57:59 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =TSQSHR=====EYUPLX01=EYUPLX01=26MAR1999==15:22:30====CPSM=====2
CMD Queue          CICS      Pool      Que  Number Total
--- Name----- System-- Name---- Locn  Items-  Lengt
  ANOTHER          EYUMAS1A EYUPOOL1 AUX      3
  ASHARED          EYUMAS1A EYUPOOL1 AUX      5
```

Figure 125. The TSQSHR view



```

-----Confirm Removal of Shared Temporary Storage Queue from EYUPLX01 -
COMMAND ==>

Queue Name           ANOTHER
Cics System          EYUMAS1A
TS Pool Name         EYUPOOL1

Last Used Interval  ==> 0

You may enter an optional Last Used Interval if you wish to avoid
deleting the queue if it has been referenced within the specified
period.

Press ENTER to initiate removal.
Type END or CANCEL to cancel without removing.
    
```

Figure 126. The TSQSHR deletion panel

## Action commands

Table 249 shows the action command that you can issue from the TSQSHR view.

Table 249. TSQSHR view action command

Primary command	Line command	Description
DELeTe queueName sysname poolname	DEL	Deletes the shared temporary storage queue. A pop-up confirmation panel is displayed; see Figure 126. Delete is only available on systems running CICS Transaction Server for OS/390 Release 3 or later.

## Hyperlinks

Table 250 shows the hyperlink field on the TSQSHR view.

Table 250. TSQSHR view hyperlink field

Hyperlink field	View displayed	Description
Queue Name	TSQSHRD	Detailed view of the specified queue.

**Note:** You can also display the TSQSHRS view by issuing the SUM display command.

## TSQSHRD – Shared temporary storage queue details

The TSQSHRD view shows detailed information about a shared temporary storage queue.

### Availability

The TSQSHRD view is available for CICS Transaction Server for OS/390 Release 3 and later systems.

### Access

**Issue command:**

```
TSQSHRD tsq sysname tspool
```

tsq Is the specific or generic name of a shared temporary storage queue.

sysname Is the name of a CICS system within the current scope.

tspool Is the specific or generic name of a temporary storage pool defined in the MVS coupling facility.

**Note:** You cannot specify a queue name if it is a hexadecimal value.

**Hyperlink from:**

the Queue Name field of the TSQ view.

Figure 127 is an example of the TSQSHRD view.

```
16SEP1998 13:15:41 ----- INFORMATION DISPLAY -----
CURR WIN ==> 1      ALT WIN ==>
W1 =TSQSHR==TSQSHRD==EYUPLX01=EYUPLX01=26MAR1999==13:15:32====CPSM=====1
Queue Name.....          EYUTSQ01
CICS System....          EYUMASIA
Pool Name.....          AHTSPL01
Location.....          AUXILIARY
Number Items...           4
Total Length...          24
Max Item Len...           6
Min Item Len...           6
Time since use.           1
```

Figure 127. The TSQSHRD view

### Action commands

None.

### Hyperlinks

None.

---

## TSQSHRS – Shared temporary storage queues summary

The TSQSHRS view shows summarized information about shared temporary storage queue usage. TSQSHRS is a summary form of the TSQSHR view.

### Availability

The TSQSHRS view is available for CICS Transaction Server for OS/390 Release 3 and later systems.

### Access

**Issue command:**

TSQSHRS

**Select:** TEMPSTOR from the OPERATE menu, and TSQSHRS from the TEMPSTOR submenu.

**Summarize:**

Issue the SUM display command from a TSQSHR or TSQSHRS view. The TSQSHRS view looks like the TSQSHR view shown in Figure 125 on page 316 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the TSQSHRS view, you can hyperlink from the Count field to the TSQSHR view to expand a line of summary data. The TSQSHR view includes only those resources that were combined to form the specified summary line.

## temporary storage – TSQSHRS

---

## Chapter 16. Terminals

The terminal views show information about the terminals within the current context and scope.

**Note:** The terminal views do not show information about, or let you issue commands against, LU 6.2 connections or modenames. For information on LU 6.2 connections or modenames, use the connection views, described in “Chapter 3. Connections” on page 17.

The terminal operations views are:

**AIMODEL**

A general view of autoinstall terminal models

**AIMODELS**

A summary view of autoinstall terminal models

**TERMNL**

A general view of terminals

**TERMNLD**

A detailed view of the execution settings for a terminal

**TERMNLS**

A summary view of terminals

**TERMNL2**

A detailed view of the definition settings for a terminal

For details about the availability of terminal views, see the individual view descriptions.

## AIMODEL – Autoinstall models

The AIMODEL view shows general information about the autoinstall terminal models.

### Availability

The AIMODEL view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

```
AIMODEL [aimodel]
```

aimodel Is the specific or generic name of an autoinstall terminal model.

**Select:** TERMINAL from the OPERATE menu, and AIMODEL from the TERMINAL submenu.

Figure 128 is an example of the AIMODEL view.

```

26MAR1999 16:54:07 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =AIMODEL=====EYUPLX01=EYUPLX01=26MAR1999==16:54:07=CPSM=====92===
CMD Model  CICS
--- Name---- System--
  ATRMODEL EYUMAS1A
  ATRMODEL EYUMAS2A
  ATRMODEL EYUMAS3A
  ATRMODEL EYUMAS4A
  DFHLU0E2 EYUMAS1A
  DFHLU0E2 EYUMAS2A
  DFHLU0E2 EYUMAS3A
  DFHLU0E2 EYUMAS4A
  DFHLU0M2 EYUMAS1A
  DFHLU0M2 EYUMAS2A
  DFHLU0M2 EYUMAS3A
  DFHLU0M2 EYUMAS4A
  DFHLU0M3 EYUMAS1A
    
```

Figure 128. The AIMODEL view

### Action commands

Table 251 shows the action command you can issue from the AIMODEL view.

Table 251. AIMODEL action commands

Primary command	Line command	Description
DiSCard aimodel sysname	DSC	Discards an autoinstall terminal model from the CICS system where it is installed.
<p><b>Where:</b></p> <p><b>aimodel</b> Is the specific or generic name of an autoinstall terminal model.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

## Hyperlinks

None.

**Note:** You can display the AIMODELS view by issuing the SUM display command.

## AIMODELS – Autoinstall models summary

The AIMODELS view shows summarized information about autoinstall terminal models. AIMODELS is a summary form of the AIMODEL view.

### Availability

The AIMODELS view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

AIMODELS [aimodel]

Where the parameters are the same as those for AIMODEL on page 322.

**Select:** TERMINAL from the OPERATE menu, and AIMODELS from the TERMINAL submenu.

**Summarize:**

Issue the SUM display command from an AIMODEL or AIMODELS view. The AIMODELS view looks like the AIMODEL view shown in Figure 128 on page 322 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 252 shows the action command you can issue from the AIMODELS view. This action command affects all of the resources that were combined to form the summary line of data.

Table 252. AIMODELS action commands

Primary command	Line command	Description
n/a	DSC	Discards an autoinstall terminal model from the CICS system where it is installed.

### Hyperlinks

None.



## TERMNL – Terminals

The TERMNL view shows general information about currently installed terminals. An example of how to use this view can be found in “Checking the status of a terminal” on page 408.

### Availability

The TERMNL view is available for all managed CICS systems.

### Access

#### Issue command:

```
TERMNL [terminal [netname [INSERVICE|OUTSERVICE|GOINGOUT]]]
```

terminal Is the specific or generic ID of a currently installed terminal, or \* for all terminals.

netname Is a specific or generic netname, or \* for all netnames. Use this parameter to find out which terminals are associated with which netnames.

INSERVICE|OUTSERVICE|GOINGOUT Limits the view to terminals that are in service, out of service, or in the process of going out of service. If you omit this parameter, terminals are included in the view regardless of their status.

If you do not specify parameters, the view includes information about all terminals within the current scope.

**Select:** TERMINAL from the OPERATE menu, and TERMNL from the TERMINAL submenu.

#### Hyperlink from:

the Term ID field of the TASK view.

Figure 129 is an example of the TERMNL view.

```

26MAR1999 21:29:06 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TERMNL=====EYUPLX01=EYUPLX01=26MAR1999==21:29:05=CPSM=====160==
CMD Term CICS      Netname Acquire Service  ATI TTI Cre User   Tran
--- ID-- System--  ----- Status-- Status---- --- -- Ses ID----- ID--
-990 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-990 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-991 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-991 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-992 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-992 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-993 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-993 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-994 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-994 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-995 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-995 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-996 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-996 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-997 EYUMAS1A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF
-997 EYUMAS4A EYUMAS1B RELEASED OUTSERVICE YES YES YES DAVEJEF

```

Figure 129. The TERMNL view

## terminals – TERMNL

### Action commands

Table 253 shows the action commands you can issue from the TERMNL view. The overtypable fields are shown in Table 254 on page 327.

The action commands and overtypable fields for the TERMNL view are available for all managed CICS systems for which TERMNL is valid, except as noted in Table 253.

Table 253. TERMNL action commands

Primary command	Line command	Description
ACQuire terminal sysname	ACQ	Acquires a terminal (VTAM only).
CANcel terminal sysname	CAN	<p>Cancels automatic initiation descriptor (AID) queuing for a terminal.</p> <p>CANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
DiSCard terminal sysname	DSC	<p>Discards a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.</p> <p>DiSCard is available for systems running the CICS TS for OS/390.</p>
FORcepurge terminal sysname	FOR	Takes a terminal out of service and sets its PURGETYPE value to FORCEPURGE, so that transactions associated with the terminal are purged immediately.
PURge terminal sysname	PUR	Takes a terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
n/a	SET	<p>Sets a terminal attribute according to the new value you specify in an overtypable field (see Table 254).</p> <p><b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtypable a field.</p>
<p><b>Where:</b></p> <p><b>terminal</b> Is the specific or generic name of a terminal.</p> <p><b>sysname</b> Is the specific or generic name of a CICS system.</p>		

Table 254. TERMNL view overtyping fields

Field name	Values
Acquire Status	ACQUIRED   COLDACQ   RELEASED (VTAM only)
Service Stat	INSERVICE   OUTSERVICE
ATI	YES   NO
TTI	YES   NO
Cre Ses	YES   NO (VTAM only) Cannot be modified for CICS for OS/2 3.0 and later systems.

## Hyperlinks

Table 255 shows the hyperlink field on the TERMNL view.

Table 255. TERMNL view hyperlink field

Hyperlink field	View displayed	Description
Term ID	TERMNLD	Detailed view of the specified terminal.

**Note:** You can also display the TERMNLS view by issuing the SUM display command.

## TERMNLD – Terminal execution details

The TERMNLD view shows detailed information about the execution settings of a currently installed terminal.

### Availability

The TERMNLD view is available for all managed CICS systems.

### Access

#### Issue command:

```
TERMNLD terminal sysname
```

terminal Is the ID of a currently installed terminal.

sysname Is the name of the CICS system where the terminal is installed.

The CICS system must be within the current scope.

#### Hyperlink from:

the Term ID field of the TERMNL view.

Figure 130 is an example of the TERMNLD view.

```

26MAR1999 21:34:25 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TERMNL===TERMNLD==EYUPLX01=EYUPLX01=26MAR1999==21:29:05=CPSM=====1===
Terminal ID.      -990 CICS System...  EYUMAS1A Nature.....    N/A
Device Type.     LUTYPE6 Term Priority.    0 Session Type..  APPCPARA
Netname.....    EYUMAS1B User ID.....    DAVEJEF ASC DataStrm..  N/A
Acquire Stat    RELEASED Task ID.....    0 Dev DataStrm..  N/A
Service Stat    OUTSERVICE Terminal Model    N/A Input Messages    0
Exit Trace..    NOEXITTRACE National Lang..    0 Output Message    0
Tracing.....    STANTRACE Screen Height..    0 Transactions..    0
Signon Stat.    SIGNEDOFF Screen Width..    0 TIOA Storage..    N/A
Current Tran    GCHARS.....    0 Stg Violations    0
Next Tran ID    GCODES.....    0 Transmit Error    0
ATI Stat....    ATI RelReq Status.  NORELREQ Transact Error    0
TTI Stat....    TTI Disc Status...  NODISCREQ Polls.....    0
Create Sess.    CREATE Modename.....    Pipeline Msgs.    0
ZCP Trace...    NOZCPTRACE AutoConn.....    N/A Pipeline Grps.    0
Page Stat...    AUTOPAGE Map Set Name..    N/A Max Pipelines.    0
Dev Bsy Stat    N/A Map Name.....    N/A
Correlation ID
TOR Net Name
Rem TOR Link
    
```

Figure 130. The TERMNLD view

### Action commands

Table 256 on page 329 shows the action commands you can issue from the TERMNLD view. The overtyp fields are shown in Table 257 on page 330.

The action commands and overtyp fields for the TERMNLD view are available for all managed CICS systems for which TERMNLD is valid, except as noted in Table 256.

Table 256. TERMNLD action commands

Primary command	Line command	Description
ACQuire	ACQ	Acquires the terminal (VTAM only).
CANcel	CAN	<p>Cancels automatic initiation descriptor (AID) queuing for a terminal.</p> <p>CANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
DiSCard	DSC	<p>Discards a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.</p> <p>Available for systems running the CICS TS for OS/390.</p>
FORcepurge	FOR	Takes the terminal out of service and sets its PURGETYPE value to FORCEPURGE, so that transactions associated with the terminal are purged immediately.
PURge	PUR	Takes the terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
n/a	SET	<p>Sets a terminal attribute according to the new value you specify in an oertype field (see Table 257 on page 330).</p> <p><b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.</p>

|  
|  
|

## terminals – TERMNLD

Table 257. TERMNLD overtyping fields

Field name	Values
Acquire Status	ACQUIRED   COLDACQ   RELEASED (VTAM only)
Service Status	INSERVICE   OUTSERVICE
Exit Trace	EXITTRACE   NOEXITTRACE Cannot be modified for CICS for OS/2 3.0 and later systems.
Tracing	STANTRACE   SPECTRACE Cannot be modified for CICS for OS/2 3.0 and later systems.
Next Tran ID	Any valid transaction ID Cannot be modified for CICS for OS/2 2.0.1 systems.
ATI Status	ATI   NOATI
TTI Status	TTI   NOTTI
Create Session	CREATE   NOCREATE (VTAM only) Cannot be modified for CICS for OS/2 3.0 and later systems.
ZCP Trace	ZCPTRACE   NOZCPTRACE Cannot be modified for CICS for OS/2 3.0 and later systems.
Page Status	AUTOPAGEABLE   PAGEABLE Cannot be modified for CICS for OS/2 3.0 and later systems.
Term Priority	0–255
RelReq Status	RELREQ   NORELREQ Cannot be modified for CICS for OS/2 3.0 and later systems.
Disc Status	DISCREQ   NODISCREQ Cannot be modified for CICS for OS/2 3.0 and later systems.
Map Set Name	1 to 8 character map set name. Modifiable for CICS for OS/2 3.0 and later systems.
Map Name	1 to 7 character map name. Modifiable for CICS for OS/2 3.0 and later systems.

## Hyperlinks

Table 258 shows the hyperlink fields on the TERMNLD view.

Table 258. TERMNLD view hyperlink fields

Hyperlink field	View displayed	Description
Terminal ID	TERMNL2	Detailed view of the definition settings for this terminal.
Task ID	TASKD	Detailed view of the currently executing task associated with this terminal.

## TERMNLS – Terminals summary

The TERMNLS view shows summarized information about currently installed terminals. TERMNLS is a summary form of the TERMNL view.

### Availability

The TERMNLS view is available for all managed CICS systems.

### Access

#### Issue command:

```
TERMNLS [terminal [netname [INSERVICE|OUTSERVICE|GOINGOUT]]]
```

Where the parameters are the same as those for TERMNL on page 325.

**Select:** TERMINAL from the OPERATE menu, and TERMNLS from the TERMINAL submenu.

#### Summarize:

Issue the SUM display command from a TERMNL or TERMNLS view.

The TERMNLS view looks like the TERMNL view shown in Figure 129 on page 325 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 259 shows the action commands you can issue from the TERMNLS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype fields are shown in Table 260 on page 332.

The action commands and overtype fields for the TERMNLS view are available for all managed CICS systems for which TERMNLS is valid, except as noted in Table 259.

Table 259. TERMNLS action commands

Primary command	Line command	Description
n/a	ACQ	Acquires a terminal (VTAM only).
n/a	CAN	<p>Cancels automatic initiation descriptor (AID) queuing for a terminal.</p> <p>CAN is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
n/a	DSC	<p>Discards a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.</p> <p>Available for systems running the CICS TS for OS/390.</p>

## terminals – TERMNLS

Table 259. TERMNLS action commands (continued)

Primary command	Line command	Description
n/a	FOR	Takes a terminal out of service and sets its PURGETYPE value to FORCEPURGE, so that transactions associated with the terminal are purged immediately.
n/a	PUR	Takes a terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
n/a	SET	Sets a terminal attribute according to the new value you specify in an overtyp field (see Table 260). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 260. TERMNLS view overtyp fields

Field name	Values
Acquire Status	ACQUIRED   COLDACQ   RELEASED (VTAM only)
Service Stat	INSERVICE   OUTSERVICE
ATI	YES   NO
TTI	YES   NO
Cre Ses	YES   NO (VTAM only) Cannot be modified for CICS for OS/2 3.0 and later systems.

## Hyperlinks

From the TERMNLS view, you can hyperlink from the Count field to the TERMNL view to expand a line of summary data. The TERMNL view includes only those resources that were combined to form the specified summary line.



## TERMNL2 – Terminal details

The TERMNL2 view shows detailed information about the definition settings of a currently installed terminal.

### Availability

The TERMNL2 view is available for all managed CICS systems.

### Access

#### Issue command:

```
TERMNL2 terminal sysname
```

terminal Is the ID of a currently installed terminal.

sysname Is the name of the CICS system where the terminal is installed.

The CICS system must be within the current scope.

#### Hyperlink from:

the Terminal ID field of the TERMNLD view.

Figure 131 is an example of the TERMNL2 view.

```

26MAR1999 21:35:02 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TERMNL===TERMNL2==EYUPLX01=EYUPLX01=26MAR1999==21:29:05=CPSM=====1===
Terminal ID..      -990 CICS System..      EYUMAS1A Screen Height      0
Device Type..     LUTYPE6 Terminal Mdl..      -1 Screen Width..         0
Accmeth.....     VTAM Term Priority..          0 Dft Scrn Ht..           0
Netname.....     EYUMAS1B UserArea Addr      FF000000 Dft Scrn Wt..     0
Security....     NOPRESET UserArea Len..      0 Alt Scrn Ht..           0
Nat Lang....     Print Adaptor NOPRINTADAPT Alt Scrn Wt.. 0
GCHARS.....     0 Printer.....              Page Height..              1
GCODES.....     0 Print Copy...             NOPRTPCOPY Page Width...   40
Map Suffix...     Alt Printer..                Dflt Page Ht..             1
FMH Parns...     NOFMHPAR Alt Prt Copy. NOALTPRTPCOPY Dflt Page Wt.. 40
UC Translate     NOUCTRAN Color.....          NOCOLOR Alt Page Ht..     0
OB Format...     NOOBFORMAT Backgrnd Tran     NOBACKTRANS Alt Page Wt.. 0
OB Operid...     NOOBOPER Highlight....       NOHIGHLIGHT Text Keyboard NOTEXTKY
MSR Control..     NMSRCON Outline.....         NOOUTLINE Text Print...   NOTEXTPR
Light Pen...     NOLIGHTP Validation...       NOVALIDATION APL Keyboard. NOAPLKYB
Audible Alrm     NOAUDALA Katakana.....       NOKATAKANA APL Text.....  NOAPLTEX
Formfeed....     NOFORMFE DBCS.....           NOSOSI Dual Case....     NODUALCA
Vert Forms...     NOVFORM Partitions...        NOPARTITIONS Copy Feature. NOCOPY
Horiz Forms..     NOHFORM Page Status..        AUTOPAGEABLE Extended DS.. NOEXTEND
Qry Str Fld..     NOQUERY Program Symb.        NOPROGSY

```

Figure 131. The TERMNL2 view

### Action commands

Table 261 on page 334 shows the action command you can issue from the TERMNL2 view. The overtypable fields are shown in Table 262 on page 334.

The action commands and overtypable fields for the TERMNL2 view are available for all managed CICS systems for which TERMNL2 is valid, except as noted in Table 261.

## terminals – TERMNL2

Table 261. TERMNL2 action command

Primary command	Line command	Description
ACQuire	ACQ	Acquires the terminal (VTAM only).
CANcel	CAN	<p>Cancels automatic initiation descriptor (AID) queuing for a terminal.</p> <p>CANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.</p>
DiSCard	DSC	<p>Discards a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded.</p> <p>Available for systems running the CICS TS for OS/390.</p>
FORcepurge	FOR	Takes the terminal out of service and sets its PURGETYPE value to FORCEPURGE, so that transactions associated with the terminal are purged immediately.
PURge	PUR	Takes the terminal out of service and sets its PURGETYPE value to PURGE, so that transactions associated with the terminal are purged normally.
n/a	SET	<p>Sets a terminal attribute according to the new value you specify in an overtyping field (see Table 262).</p> <p><b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.</p>

Table 262. TERMNL2 overtyping fields

Field name	Values
UC Translate	UCTRAN   NOUCTRAN   TRANIDONLY Cannot be modified for CICS/MVS 2.1.2 systems.
OB Format	OBFORMAT   NOOBFORMAT Cannot be modified for CICS for OS/2 3.0 and later systems.
Term Priority	0–255
Printer	Any valid printer ID Cannot be modified for CICS for OS/2 2.0.1 systems.
Print Copy	PRTCOPY   NOPRTCOPY Cannot be modified for CICS for OS/2 3.0 and later systems.
Alt Printer	Any valid printer ID
Alt Prt Copy	ALTPRTCOPY   NOALTPRTCOPY Cannot be modified for CICS for OS/2 3.0 and later systems.
Page Status	AUTOPAGEABLE   PAGEABLE Cannot be modified for CICS for OS/2 3.0 and later systems.

---

## Chapter 17. Transactions

The transaction views show information about CICS and user-defined transactions within the current context and scope.

The transaction operations views are:

**LOCTRAN**

A general view of local transactions

**LOCTRAND**

A detailed view of a local transaction

**LOCTRANS**

A summary view of local transactions

**REMTRAN**

A general view of remote transactions

**REMTRAND**

A detailed view of a remote transaction

**REMTRANS**

A summary view of remote transactions

**TRAN** A general view of local and remote transactions

**TRANS**

A summary view of local and remote transactions

| **RQMODEL**

| A general view of request models

| **RQMODEL D**

| A detailed view of a specific request model

| **RQMODELS**

| A summary view of request models

The transaction views are available for all managed CICS systems.

## LOCTRAN – Local transactions

The LOCTRAN view shows general information about currently installed local transactions. Information about dynamic transactions that are running locally is also included in the view. Examples of how to use this view can be found in:

- “Disabling a transaction in a single CICS system” on page 417
- “Disabling a transaction globally” on page 418

### Availability

The LOCTRAN view is available for all managed CICS systems.

### Access

**Issue command:**

```
LOCTRAN [tran [ENABLED|DISABLED]]
```

tran Is the specific or generic name of a currently installed local transaction, or \* for all local transactions.

ENABLED|DISABLED Limits the view to local transactions that are either enabled or disabled. If you omit this parameter, local transactions are included in the view regardless of their status.

If you do not specify parameters, the view includes information about all local transactions within the current scope.

**Select:** TRANS from the OPERATE menu, and LOCTRAN from the TRANS submenu.

Figure 132 is an example of the LOCTRAN view.

```

26MAR1999 08:24:49 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
>W1 =LOCTRAN=====EYUPLX01=EYUPLX01=26MAR1999==08:24:48====CPSM=====220
CMD Tran CICS      Enabled Use      Program Pri TranCis Purge      Dmp Rout
--- ID-- System-- Status-- Count  Name-----
BUSY EYUMASIA ENABLED      0 EYU9BUSY  1      0 NOTPURGEABLE YES STAT
BUSY EYUMAS1B ENABLED      0 EYU9BUSY  1      0 NOTPURGEABLE YES STAT
CATA EYUMASIA ENABLED      0 DFHZATA 255    0 PURGEABLE   YES STAT
CATA EYUMAS1B ENABLED      0 DFHZATA 255    0 PURGEABLE   YES STAT
CATD EYUMASIA ENABLED      0 DFHZATD 255    0 PURGEABLE   YES STAT
CATD EYUMAS1B ENABLED      0 DFHZATD 255    0 PURGEABLE   YES STAT
CATR EYUMASIA ENABLED      0 DFHZATR 255    0 NOTPURGEABLE YES STAT
CATR EYUMAS1B ENABLED      0 DFHZATR 255    0 NOTPURGEABLE YES STAT
CBRC EYUMASIA ENABLED      0 DFHBRCP  1      0 NOTPURGEABLE YES STAT
CBRC EYUMAS1B ENABLED      0 DFHBRCP  1      0 NOTPURGEABLE YES STAT
CCR  EYUMASIA ENABLED      0 CCR      1      0 NOTPURGEABLE NO  STAT
CCR  EYUMAS1B ENABLED      0 CCR      1      0 NOTPURGEABLE NO  STAT
Examples needed for dynamic routing.
    
```

Figure 132. The LOCTRAN view

### Action commands

Table 263 on page 337 shows the action commands you can issue from the LOCTRAN view. The overtype fields are shown in Table 264 on page 337. The action commands and overtype fields for the LOCTRAN view are available in all managed CICS systems for which LOCTRAN is valid, except as noted in Table 263 on page 337 and Table 264 on page 337.

Table 263. LOCTRAN view action commands

Primary command	Line command	Description
DISable tran sysname	DIS	Disables a transaction.
DiSCard tran sysname	DSC	Discards a transaction from the CICS system where it is installed. <b>Note:</b> Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable tran sysname	ENA	Enables a transaction.
n/a	SET	Sets a transaction attribute according to the new value you specify in an overtyp field (see Table 264). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<p><b>Where:</b>  <b>tran</b> Is the specific or generic name of a local transaction.  <b>sysname</b> Is the specific or generic name of a CICS system.</p>		

Table 264. LOCTRAN view overtyp fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Pri	1–255
TranCls	8-character name (CICS/ESA 4.1 or later, and CICS Transaction Server for VSE/ESA Release 1 and later) 01–10 (CICS/ESA 3.3 and CICS/VSE 2.3)  Modifiable for CICS/ESA 3.3 and later systems, CICS for OS/2 2.0.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
Purge	PURGEABLE   NOTPURGEABLE
Dmp	YES   NO Cannot be modified for CICS/MVS 2.1.2 and CICS/VSE 2.2 systems.

## Hyperlinks

Table 265 shows the hyperlink fields on the LOCTRAN view.

Table 265. LOCTRAN view hyperlink fields

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN.D	Detailed view of the specified local transaction.
Program Name	PROGRAM.D	Detailed view of the program associated with the local transaction.

## transactions – LOCTRAN

**Note:** You can also display the LOCTRANS view by issuing the SUM display command.

## LOCTRAND – Local transaction details

The LOCTRAND view shows detailed information about a currently installed local transaction.

### Availability

The LOCTRAND view is available for all managed CICS systems.

### Access

**Issue command:**

```
LOCTRAND tran sysname
```

tran Is the name of a currently installed local transaction.

sysname Is the name of the CICS system where the transaction is installed.  
The CICS system must be within the current scope.

**Hyperlink from:**

the Tran ID field of a TRAN or LOCTRAN view, or the Transid field of a TCPIPSD view.

Figure 133 is an example of the LOCTRAND view.

```

26MAR1999 21:35:29 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =LOCTRAN==LOCTRAND=EYUPLX01=EYUPLX01=26MAR1999==21:35:29====CPSM=====1
Tran ID..... CAFB CICS System.. DJ13A0 Routing..... STATIC
Program Name CAUCAFB1 Remote System Route Profile.
Remote Name. Tran Priority 1 Use Count..... 0
Enabled Stat ENABLED Task Data Loc ANY Local Dyn Cnt. 0
Isolate Stat ISOLATE Task Data Key CICSDATA Remote Dyn Cnt 0
Shutdwn Stat SHUTENABLED Resource Sec. RESSECNO Restarted.... 0
System Purge NOTPURGEABLE Screen Size.. DEFAULT Rem Start Cnt. 0
Tran Dump... TRANDUMP Read Timeout. 0 Stg Violations 0
DTB Opt..... N/A DLock Timeout 0 Clear Stg..... NOCLEAR
CMDSEC Opt.. CMDSECNO Runaway Time. 0 TWA Size..... 0
Trace Opt... STANTRACE Runaway Type. USER Profile..... DFHCICST
Tran Class.. DFHTCL00 TRAN INDOUBT. FORCE Due To..
Option..... BACKOUT Trandef..... 0
Wait Option. WAIT Indoubt..... 0
Wait Time... 00,00,00 No Wait..... 0
Wait Count.. 0 Operator..... 0
Actn Mismatch 0 Other..... 0
Bridge Exit.. Routing Status NOTROUTABLE
Facilitylike.
    
```

Figure 133. The LOCTRAND view

### Action commands

Table 266 on page 340 shows the action commands you can issue from the LOCTRAND view. The overtime fields are shown in Table 267 on page 340.

The action commands and overtime fields for the LOCTRAND view are available for all managed CICS systems for which LOCTRAND is valid, except as noted in Table 266 on page 340 and Table 267 on page 340.

## transactions – LOCTRAND

Table 266. LOCTRAND view action commands

Primary command	Line command	Description
DISable	DIS	Disables the transaction.
DiSCard	DSC	Discards the transaction from the CICS system where it is installed. <b>Note:</b> Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable	ENA	Enables the transaction.
n/a	SET	Sets a transaction attribute according to the new value you specify in an overtyp field (see Table 267). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 267. LOCTRAND view overtyp fields

Field name	Values
Enabled Stat	ENABLED   DISABLED
Runaway Time	0   500–2700000 (rounded down to nearest 500)
Runaway Type	SYSTEM   USER Cannot be modified for CICS for OS/2 3.0 and later systems.
Shutdwn Stat	SHUTENABLED   SHUTDISABLED Cannot be modified for CICS for OS/2 3.0 and later systems.
System Purge	PURGEABLE   NOTPURGEABLE
Tran Dump	TRANDUMP   NOTRANDUMP Cannot be modified in CICS/MVS 2.1.2 and CICS/VSE 2.2 systems.
Trace Option	SPECTRACE   STANTRACE   SPRSTRACE Modifiable in CICS/ESA 3.3 and later systems, CICS for OS/2 2.0.1 systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
Tran Class	8-character name (CICS/ESA 4.1 or later and CICS Transaction Server for VSE/ESA Release 1 and later) 01–10 (CICS/ESA 3.3 and CICS/VSE 2.3) Cannot be modified in CICS/MVS 2.1.2, CICS/VSE 2.2, and CICS for OS/2 2.0.1 systems.
Tran Priority	1–255

## Hyperlinks

Table 268 shows the hyperlink fields on the LOCTRAND view.

Table 268. LOCTRAND view hyperlink field

Hyperlink field	View displayed	Description
Program Name Bridge Exit	PROGRAMD	Detailed view of the program associated with the local transaction.





## LOCTRANS – Local transactions summary

The LOCTRANS view shows summarized information about currently installed local transactions. LOCTRANS is a summary form of the LOCTRAN view. An example of how to use this view can be found in “Disabling a transaction globally” on page 418.

### Availability

The LOCTRANS view is available for all managed CICS systems.

### Access

**Issue command:**

```
LOCTRANS [tran [ENABLED|DISABLED]]
```

Where the parameters are the same as those for LOCTRAN on page 336.

**Select:** TRANS from the OPERATE menu, and LOCTRANS from the TRANS submenu.

**Summarize:**

Issue the SUM display command from a LOCTRAN or LOCTRANS view. The LOCTRANS view looks like the LOCTRAN view shown in Figure 132 on page 336 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 269 on page 343 shows the action commands you can issue from the LOCTRANS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype fields are shown in Table 270 on page 343.

The action commands and overtype fields for the LOCTRANS view are available for all managed CICS systems for which LOCTRANS is valid, except as noted in Table 269 on page 343.

Table 269. LOCTRANS view action commands

Primary command	Line command	Description
n/a	DIS	Disables a transaction.
n/a	DSC	Discards a transaction from the CICS system where it is installed. <b>Note:</b> Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.  DSC is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	ENA	Enables a transaction.
n/a	SET	Sets a transaction attribute according to the new value you specify in an overtype field (see Table 270). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 270. LOCTRANS view overtype fields

Field name	Values
Enabled Stat	ENABLED   DISABLED
System Purge	PURGEABLE   NOTPURGEABLE
Tran Dump	YES   NO

## Hyperlinks

From the LOCTRANS view, you can hyperlink from the Count field to the LOCTRAN view to expand a line of summary data. The LOCTRAN view includes only those resources that were combined to form the specified summary line.

## REMTRAN – Remote transactions

The REMTRAN view shows general information about currently installed remote transactions. Remote transactions are transactions that are defined to the local CICS system, but reside in another CICS system.

### Availability

The REMTRAN view is available for all managed CICS systems.

### Access

**Issue command:**

```
REMTRAN [tran [rem-tran]]
```

tran Is the specific or generic name of a currently installed remote transaction, or \* for all remote transactions.

rem-tran Is the specific or generic name of a remote transaction as known to the CICS system where the transaction resides. Use this parameter to find out what CICS systems have a particular transaction defined as remote and what names they know it by.

If you do not specify parameters, the view includes information about all remote transactions within the current scope.

**Select:** TRANS from the OPERATE menu, and REMTRAN from the TRANS submenu.

Figure 134 is an example of the REMTRAN view.

```

26MAR1999 20:53:01 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =REMTRAN=====EYUPLX01=EYUPLX01=26MAR1999==20:53:00====CPSM=====2
CMD Tran      CICS      Remote  Remote Route  Use      Remote  Routing
--- ID----- System-- Name---- Sys ID Status-- Count---- Dyn Cnt-- Profile-
  ET03      EYUMAS1A ET03    1A2A  STATIC      0        0 DFHCICSS
  ET04      EYUMAS1A ET04    1A3A  STATIC      0        0 DFHCICSS
    
```

Figure 134. The REMTRAN view

### Action commands

Table 271 on page 345 shows the action commands you can issue from the REMTRAN view.

The action commands for the REMTRAN view are available for all managed CICS systems for which REMTRAN is valid, except as noted in Table 271 on page 345.

Table 271. REMTRAN view action commands

Primary command	Line command	Description
DISable tran sysname	DIS	Disables a remote transaction.
DiSCard tran sysname	DSC	Discards a remote transaction from the local CICS system. <b>Note:</b> Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable tran sysname	ENA	Enables a remote transaction.
<b>Where:</b> <b>tran</b> Is the specific or generic name of a remote transaction. <b>sysname</b> Is the specific or generic name of a CICS system.		

## Hyperlinks

Table 272 shows the hyperlink field on the REMTRAN view.

Table 272. REMTRAN view hyperlink fields

Hyperlink field	View displayed	Description
Tran ID	REMTRAND	Detailed view of the specified remote transaction.

**Note:** You can also display the REMTRANS view by issuing the SUM display command.

## REMTRAND – Remote transaction details

The REMTRAND view shows detailed information about a currently installed remote transaction. Remote transactions are transactions that are defined to the local CICS system, but reside in another CICS system.

### Availability

The REMTRAND view is available for all managed CICS systems.

### Access

**Issue command:**

```
REMTRAND tran sysname
```

tran Is the name of a currently installed remote transaction.

sysname Is the name of the local CICS system. The CICS system must be within the current scope.

**Hyperlink from:**

the Tran ID field of a TRAN or REMTRAN view.

Figure 135 is an example of the REMTRAND view.

```

26MAR1999 20:54:47 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =REMTRAN==REMTRAND=EYUPLX01=EYUPLX01=26MAR1999==20:53:00====CPSM=====1
Tran ID.....      ET03 CICS System..  EYUMAS1A
Remote Name.....   ET03 Tran Priority    1
Remote System ID... 1A2A Tran Class...   00
Routing Profile..... DFHCICSS Enabled Stat.  ENABLED
Route Status.....   STATIC Purgeability. NOTPURGEABLE
Use Count.....      0 Read Timeout.      0
Remote Dynamic Count 0 Screen Size..    DEFAULT
Remote Start Count.. N/A Trans Profile   DFHCICST
    
```

Figure 135. The REMTRAND view

### Action commands

Table 273 on page 347 shows the action commands you can issue from the REMTRAND view. The overtypable fields are shown in Table 274 on page 347.

The action commands and overtypable fields for the REMTRAND view are available for all managed CICS systems for which REMTRAND is valid, except as noted in Table 273 on page 347.

Table 273. REMTRAND view action commands

Primary command	Line command	Description
DISable	DIS	Disables the remote transaction.
DiSCard	DSC	Discards the remote transaction from the local CICS system. <b>Note:</b> Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.  DiSCard is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ENable	ENA	Enables the remote transaction.
n/a	SET	Sets a transaction attribute according to the new value you specify in an overtyp field (see Table 274). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 274. REMTRAND view overtyp fields

Field name	Values
Enabled Stat	ENABLED   DISABLED
Purgeability	PURGEABLE   NOTPURGEABLE
Tran Class	8-character name (CICS/ESA 4.1 or later and CICS Transaction Server for VSE/ESA Release 1 and later) 01-10 (CICS/ESA 3.3 and CICS/VSE 2.3)  Cannot be modified in CICS/MVS 2.1.2 and CICS/VSE 2.2 systems.
Tran Priority	1-255

## Hyperlinks

None.

## REMTRANS – Remote transactions summary

The REMTRANS view shows summarized information about currently installed remote transactions. REMTRANS is a summary form of the REMTRAN view.

### Availability

The REMTRANS view is available for all managed CICS systems.

### Access

**Issue command:**

REMTRANS [tran [rem-tran]]

Where the parameters are the same as those for REMTRAN on page 344.

**Select:** TRANS from the OPERATE menu, and REMTRANS from the TRANS submenu.

**Summarize:**

Issue the SUM display command from a REMTRAN or REMTRANS view. The REMTRANS view looks like the REMTRAN view shown in Figure 134 on page 344 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 275 shows the action commands you can issue from the REMTRANS view. These action commands affect all of the resources that were combined to form the summary line of data.

The action commands for the REMTRANS view are available for all managed CICS systems for which REMTRANS is valid, except as noted in Table 275.

Table 275. REMTRANS view action commands

Primary command	Line command	Description
n/a	DIS	Disables a remote transaction.
n/a	DSC	Discards a remote transaction from the local CICS system.  DSC is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems. <b>Note:</b> Transactions that have names beginning with C are supplied by CICS and cannot be disabled or discarded.
n/a	ENA	Enables a remote transaction.

### Hyperlinks

From the REMTRANS view, you can hyperlink from the Count field to the REMTRAN view to expand a line of summary data. The REMTRAN view includes only those resources that were combined to form the specified summary line.



## TRAN – Transactions

The TRAN view shows general information about currently installed local and remote transactions.

### Availability

The TRAN view is available for all managed CICS systems.

### Access

#### Issue command:

```
TRAN [tran [LTRAN|RTRAN]]
```

tran Is the specific or generic name of a currently installed transaction, or \* for all transactions.

LTRAN|RTRAN Limits the view to transactions that are either local or remote. If you omit this parameter, transactions are included in the view regardless of their type.

If you do not specify parameters, the view includes information about all transactions within the current scope.

**Select:** TRANS from the OPERATE menu, and TRAN from the TRANS submenu.

Figure 136 is an example of the TRAN view.

```

26MAR1999 21:35:20 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TRAN=====EYUPLX01=EYUPLX01=26MAR1999==21:35:20====CPSM=====379
CMD Tran CICS      Tran
--- ID-- System-- Type---
CATA EYUMAS1A LTRAN
CATA EYUMAS2A LTRAN
CATA EYUMAS3A LTRAN
CATA EYUMAS4A LTRAN
CATD EYUMAS1A LTRAN
CATD EYUMAS2A LTRAN
CATD EYUMAS3A LTRAN
CATD EYUMAS4A LTRAN
CATR EYUMAS1A LTRAN
CATR EYUMAS2A LTRAN
CATR EYUMAS3A LTRAN
CATR EYUMAS4A LTRAN
CBRC EYUMAS1A LTRAN
CBRC EYUMAS2A LTRAN
CBRC EYUMAS3A LTRAN
CBRC EYUMAS4A LTRAN

```

Figure 136. The TRAN view

### Action commands

There are no action commands or overtype fields for the TRAN view. To change a transaction's status or attributes, use one of the other transaction views, such as LOCTRAN or REMTRAN.

## transactions – TRAN

### Hyperlinks

Table 276 shows the hyperlink field on the TRAN view.

*Table 276. TRAN view hyperlink field*

Hyperlink field	View displayed	Description
Tran ID	LOCTRAN	Detailed view of the specified local transaction.
	REMTRAN	Detailed view of the specified remote transaction.

**Note:** You can also display the TRANS view by issuing the SUM display command.

---

## TRANS – Transactions summary

The TRANS view shows summarized information about currently installed local and remote transactions. TRANS is a summary form of the TRAN view.

### Availability

The TRANS view is available for all managed CICS systems.

### Access

**Issue command:**

```
TRANS [tran [LTRAN|RTRAN]]
```

Where the parameters are the same as those for TRAN on page 349.

**Select:** TRANS from the OPERATE menu, and TRANS from the TRANS submenu.

**Summarize:**

Issue the SUM display command from a TRAN or TRANS view.

The TRANS view looks like the TRAN view shown in Figure 136 on page 349 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

There are no action commands or overtype fields for the TRANS view. To change a transaction's status or attributes, use one of the other transaction views, such as LOCTRAN or REMTRAN.

### Hyperlinks

From the TRANS view, you can hyperlink from the Count field to the TRAN view to expand a line of summary data. The TRAN view includes only those resources that were combined to form the specified summary line.

## RQMODEL – Request models

The RQMODEL view shows general information about currently installed request models.

### Availability

The RQMODEL view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

```
RQMODEL [rqm ]
```

rqm Is the specific or generic name of a currently installed request model, or \* for all request models.

If you do not specify parameters, the view includes information about all request models within the current scope.

**Select:** TRANS from the OPERATE menu, and RQMODEL from the TRANS submenu.

Figure 137 is an example of the RQMODEL view.

```

26MAR1999 21:35:20 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =RQMODEL=====EYUPLX01=EYUPLX01=26MAR1999==21:35:20====CPSM=====2
CMD Request  CICS   Transid
--- Model id System-- -----
  XXYYZZAA EYUMAS1A  IRS1
  ABCDEFGH EYUMAS2A  IRS2
    
```

Figure 137. The RQMODEL view

### Action commands

Table 277 shows the action command you can issue from the RQMODEL view.

The DiSCard action command for the RQMODEL view is available for CICS Transaction Server for OS/390 Release 3 and later.

Table 277. RQMODEL view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards the request model from the local CICS system. A pop-up confirmation panel is displayed; see Figure 138 on page 353.

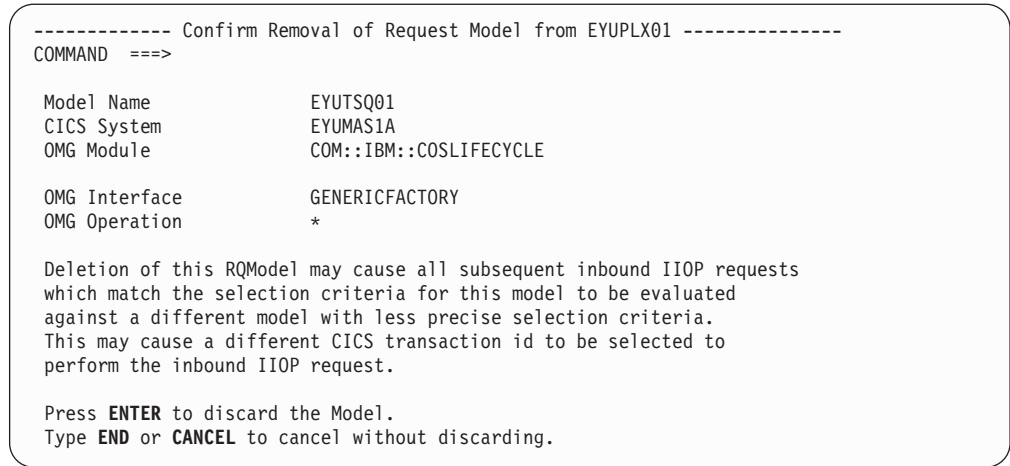


Figure 138. The RQMODEL deletion panel

## Hyperlinks

Table 278 shows the hyperlink field on the RQMODEL view.

Table 278. RQMODEL view hyperlink field

Hyperlink field	View displayed	Description
Request Model id	RQMODELID	Detailed view of the selected request model.

**Note:** You can also display the RQMODELS view by issuing the SUM display command.

## RQMODELD – Request model details

The RQMODELD view shows detailed information about a currently installed request model.

### Availability

The RQMODELD view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

**Issue command:**

```
RQMODELD rqm sysname
```

rqm Is the name of a currently installed request model.

sysname Is the name of a local CICS system. The CICS system must be within the current scope.

**Hyperlink from:**

The Request Model id field of the RQMODEL view.

Figure 139 is an example of the RQMODELD view.

```

26MAR1999 12:17:39 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==
CURR WIN ==> 1           ALT WIN ==>
W1 =RQMODEL==RQMODELD=EYUPLX01=EYUPLX01=26MAR1999==12:17:30====CPSM=====1
CICS SYSTEM.....                                IYZ30C06
REQUEST MODEL NAME                                DFHGFACT
OMG MODULE.....
                                           COM::IBM::COSLIFECYCLE

OMG INTERFACE.....                                GENERICFACTORY
OMG OPERATION.....                                *
TRANSACTION ID....                                CIOF
    
```

Figure 139. The RQMODELD view

### Action commands

Table 279 shows the action commands you can issue from the RQMODELD view.

The action commands and overtypable fields for the RQMODELD view are available for all managed CICS systems for which RQMODELD is valid.

Table 279. RQMODELD view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards the request model from the local CICS system.

### Hyperlinks

None.

## RQMODELS – Request models summary

The RQMODELS view shows summarized information about currently installed remote request models. RQMODELS is a summary form of the RQMODEL view.

### Availability

The RQMODELS view is available for CICS Transaction Server for OS/390 Release 3 and later.

### Access

#### Issue command:

```
RQMODELS [rqm ]
```

Where the parameter is the same as for RQMODEL on “RQMODEL – Request models” on page 352.

**Select:** TRANS from the OPERATE menu, and RQMODELS from the TRANS submenu.

#### Summarize:

Issue the SUM display command from a RQMODEL view.

Figure 140 is an example of the RQMODELS view.

```

26MAR1999 21:35:20 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =RQMODELS=====EYUPLX01=EYUPLX01=26MAR1999==21:35:20=CPSM=====3===
CMD Program  CICS   Transid Count
--- Name---- System-- -----
XX***** EYUMAS1A   A***    3
XXYYZZAA EYUMAS1A  ABC*    7
***** EYUMAS2A   ****   11

```

Figure 140. The RQMODELS view

### Action commands

Table 280 shows the action command you can issue from the RQMODELS view.

The DiSCard action command for the RQMODELS view is available for CICS Transaction Server for OS/390 Release 3 and later.

Table 280. RQMODELS view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards the request model from the local CICS system.

### Hyperlinks

From the RQMODELS view, you can hyperlink from the Count field to the RQMODEL view.

## request models – RQMODELS



---

## Chapter 18. Transient data queues

The transient data queue (TDQ) views show information about extrapartition, intrapartition, indirect, and remote transient data queues within the current context and scope.

The transient data queue operations views are:

**EXTRATDD**

A detailed view of a extrapartition transient data queue

**EXTRATDQ**

A general view of extrapartition transient data queues

**EXTRATDS**

A summary view of extrapartition transient data queues

**INDTDQ**

A general view of indirect transient data queues

**INDTDQD**

A detailed view of an indirect transient data queue

**INDTDQS**

A summary view of indirect transient data queues

**INTRATDD**

A detailed view of an intrapartition transient data queue

**INTRATDQ**

A general view of intrapartition transient data queues

**INTRATDS**

A summary view of intrapartition transient data queues

**QUEUE**

A general view of extrapartition, intrapartition, indirect, and remote transient data queues

**QUEUES**

A summary view of extrapartition, intrapartition, indirect, and remote transient data queues

**REMTDQ**

A general view of remote transient data queues

**REMTDQD**

A detailed view of a remote transient data queue

**REMTDQS**

A summary view of remote transient data queues

**TDQGBL**

A general view of intrapartition transient data queue usage

**TDQGBLD**

A detailed view of intrapartition transient data queue usage in a CICS system

**TDQGBLS**

A summary view of intrapartition transient data queue usage

## **transient data queues**

For details about the availability of the transient data queue views, see the individual view descriptions.

## EXTRATDD – Extrapartition transient data queue details

The EXTRATDD view shows detailed information about a currently installed extrapartition transient data queue.

**Note:** If the extrapartition transient data queue is closed, much of the information about it is not available, so you receive null values.

### Availability

The EXTRATDD view is available for all managed CICS systems.

### Access

#### Issue command:

```
EXTRATDD tdq sysname
```

tdq Is the name of a currently installed extrapartition transient data queue.

sysname Is the name of the CICS system where the queue is installed. The CICS system must be within the current scope.

#### Hyperlink from:

the Queue ID field of the QUEUE view.

Figure 141 is an example of the EXTRATDD view.

```

26MAR1999 18:37:59 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =EXTRATDQ=EXTRATDD=EYUPLX01=EYUPLX01=26MAR1999==18:37:59=CPSM=====1===
Queue ID.....      CSMT Dsname
CICS System...     EYUMAS1A
Enabled Status     ENABLED
Open Status...     OPEN
Empty Status..     NOTEMPTY
I/O Type.....      OUTPUT
Record Length.     132
Record Format.      VAR
Print Control.     NOCTL
Accesses.....      74
Block Format..     UNBLOCKED
DDname.....        N/A
Dsn Disp.....      N/A
Error Option..     N/A
Tape Disp.....     N/A
BlockSize.....     N/A
Data Buffers..     N/A
Sysout Class..     N/A

```

Figure 141. The EXTRATDD view

### Action commands

Table 281 on page 360 shows the action commands you can issue from the EXTRATDD view. The overtyping fields are shown in Table 282 on page 360.

The action commands and overtyping fields for the EXTRATDD view are available for all managed CICS systems for which EXTRATDD is valid, except CICS/MVS 2.1.2. Additional exceptions are noted in Table 281 on page 360 and Table 282 on page 360.

## transient data queues – EXTRATDD

Table 281. EXTRATDD view action commands

Primary command	Line command	Description
CLS	CLS	Closes the queue.  Also not available for CICS/VSE 2.2 systems.
DISable	DIS	Disables the queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
DiSCard	DSC	Discards the queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.  Available only for systems running the CICS TS for OS/390.
ENable	ENA	Enables the queue.
OPEn	OPE	Opens the queue.  Also not available for CICS/VSE 2.2 systems.
n/a	SET	Sets a queue attribute according to the new value you specify in an overtyp field (see Table 282). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtyp a field.

Table 282. EXTRATDD view overtyp fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Open Status	OPEN   CLOSED Also cannot be modified for CICS/VSE 2.2 and CICS/VSE 2.3 systems.

## Hyperlinks

None.

## EXTRATDQ – Extrapartition transient data queues

The EXTRATDQ view shows general information about currently installed extrapartition transient data queues.

**Note:** If an extrapartition transient data queue is closed, much of the information about it is not available, so you receive null values.

### Availability

The EXTRATDQ view is available for all managed CICS systems.

### Access

#### Issue command:

```
EXTRATDQ [tdq [ENABLED|DISABLED]]
```

tdq Is the specific or generic name of a currently installed extrapartition transient data queue, or \* for all extrapartition queues.

ENABLED|DISABLED Limits the view to extrapartition transient data queues that are either enabled or disabled. If you omit this parameter, extrapartition transient data queues are included in the view regardless of their status.

If you do not specify parameters, the view includes information about all extrapartition transient data queues within the current scope.

**Select:** TDQ from the OPERATE menu, and EXTRATDQ from the TDQ submenu.

Figure 142 is an example of the EXTRATDQ view.

```

26MAR1999 18:32:13 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =EXTRATDQ=====EYUPLX01=EYUPLX01=26MAR1999==18:32:13=CPSM=====24===
CMD Queue CICS   Enabled Open  Empty  I/O    Lrec1 RFM CTL Accesses
--- ID--- System-- Status-- Status- Status-- Type----
COLG  EYUMAS1A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  0
COLG  EYUMAS2A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  0
COLG  EYUMAS3A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  0
COLG  EYUMAS4A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  0
COPR  EYUMAS1A  ENABLED CLOSED NOTAPPLI INPUT   N/A  NOT NOT  3
COPR  EYUMAS2A  ENABLED CLOSED NOTAPPLI INPUT   N/A  NOT NOT  3
COPR  EYUMAS3A  ENABLED CLOSED NOTAPPLI INPUT   N/A  NOT NOT  3
COPR  EYUMAS4A  ENABLED CLOSED NOTAPPLI INPUT   N/A  NOT NOT  3
CPLI  EYUMAS1A  ENABLED OPEN  NOTEMPTY OUTPUT  133 VAR NOC  0
CPLI  EYUMAS2A  ENABLED OPEN  NOTEMPTY OUTPUT  133 VAR NOC  0
CPLI  EYUMAS3A  ENABLED OPEN  NOTEMPTY OUTPUT  133 VAR NOC  0
CPLI  EYUMAS4A  ENABLED OPEN  NOTEMPTY OUTPUT  133 VAR NOC  0
CSMT  EYUMAS1A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  71
CSMT  EYUMAS2A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  54
CSMT  EYUMAS3A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  54
CSMT  EYUMAS4A  ENABLED OPEN  NOTEMPTY OUTPUT  132 VAR NOC  67
CXRF  EYUMAS1A  ENABLED OPEN  NOTEMPTY OUTPUT  128 VAR NOC  0
CXRF  EYUMAS2A  ENABLED OPEN  NOTEMPTY OUTPUT  128 VAR NOC  1

```

Figure 142. The EXTRATDQ view

### Action commands

Table 283 on page 362 shows the action commands you can issue from the EXTRATDQ view. The overtyping fields are shown in Table 284 on page 362.

## transient data queues – EXTRATDQ

The action commands and overtyping fields for the EXTRATDQ view are available for all managed CICS systems for which EXTRATDQ is valid, except CICS/MVS 2.1.2. Additional exceptions are noted in Table 283 and Table 284.

Table 283. EXTRATDQ view action commands

Primary command	Line command	Description
CLS tdq sysname	CLS	Closes a queue.  Also not available for CICS/VSE 2.2 systems.
DISable tdq sysname	DIS	Disables a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
DiSCard tdq sysname	DSC	Discards a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.  Available only for systems running the CICS TS for OS/390.
ENable tdq sysname	ENA	Enables a queue.
OPEn tdq sysname	OPE	Opens a queue.  Also not available for CICS/VSE 2.2 systems.
n/a	SET	Sets a queue attribute according to the new value you specify in an overtyping field (see Table 284). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<p><b>Where:</b>  <b>tdq</b> Is the specific or generic name of an extrapartition transient data queue.  <b>sysname</b> Is the specific or generic name of a CICS system.</p>		

Table 284. EXTRATDQ view overtyping fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Open Status	OPEN   CLOSED Also cannot be modified for CICS/VSE 2.2 and CICS/VSE 2.3 systems.

## Hyperlinks

Table 285 shows the hyperlink field on the EXTRATDQ view.

*Table 285. EXTRATDQ view hyperlink field*

Hyperlink field	View displayed	Description
Queue ID	EXTRATDD	Detailed view of the specified extrapartition transient data queue.

**Note:** You can also display the EXTRATDS view by issuing the SUM display command.

## EXTRATDS – Extrapartition transient data queues summary

The EXTRATDS view shows summarized information about currently installed extrapartition transient data queues. EXTRATDS is a summary form of the EXTRATDQ view.

### Availability

The EXTRATDS view is available for all managed CICS systems.

### Access

**Issue command:**

```
EXTRATDS [tdq [ENABLED|DISABLED]]
```

Where the parameters are the same as those for EXTRATDQ on page 361.

**Select:** TDQ from the OPERATE menu, and EXTRATDS from the TDQ submenu.

**Summarize:**

Issue the SUM display command from an EXTRATDQ or EXTRATDS view. The EXTRATDS view looks like the EXTRATDQ view shown in Figure 142 on page 361 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 286 shows the action commands you can issue from the EXTRATDS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtime fields are shown in Table 287 on page 365.

The action commands and overtime fields for the EXTRATDS view are available for all managed CICS systems for which EXTRATDS is valid, except CICS/MVS 2.1.2. Additional exceptions are noted in Table 286 and Table 287 on page 365.

Table 286. EXTRATDS view action commands

Primary command	Line command	Description
n/a	CLS	Closes a queue.  Also not available for CICS/VSE 2.2 systems.
n/a	DIS	Disables a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.



## transient data queues – EXTRATDS

Table 286. EXTRATDS view action commands (continued)

Primary command	Line command	Description
n/a	DSC	Discards a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.  Available only for systems running the CICS TS for OS/390.
n/a	ENA	Enables a queue.
n/a	OPE	Opens a queue.  Also not available for CICS/VSE 2.2 systems.
n/a	SET	Sets a queue attribute according to the new value you specify in an oertype field (see Table 287). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

Table 287. EXTRATDS view oertype fields

Field name	Values
Enabled Status	ENABLED   DISABLED
Open Status	OPEN   CLOSED Also cannot be modified for CICS/VSE 2.2 and CICS/VSE 2.3 systems.

## Hyperlinks

From the EXTRATDS view, you can hyperlink from the Count field to the EXTRATDQ view to expand a line of summary data. The EXTRATDQ view includes only those resources that were combined to form the specified summary line.

## INDTDQ – Indirect transient data queues

The INDTDQ view shows general information about currently installed indirect transient data queues. The name and type of the target queue associated with each indirect queue are listed.

### Availability

The INDTDQ view is available for all managed CICS systems.

### Access

#### Issue command:

```
INDTDQ [tdq [ind-tdq]]
```

**tdq** Is the specific or generic name of a currently installed indirect transient data queue, or \* for all indirect queues.

**ind-tdq** Is the specific or generic indirect name of a transient data queue. Use this parameter to find out what CICS systems use a particular indirect queue and what names they know it by.

If you do not specify parameters, the view includes information about all indirect transient data queues within the current scope.

**Select:** TDQ from the OPERATE menu, and INDTDQ from the TDQ submenu.

Figure 143 is an example of the INDTDQ view.

```

26MAR1999 18:37:46 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =INDTDQ=====EYUPLX01=EYUPLX01=26MAR1999==18:37:46=CPSM=====32===
CMD Queue CICS      Indirect Indirect Accesses
--- ID--- System-- Name---- Type-----
CADL EYUMAS1A CSMT   EXTRA      58
CADL EYUMAS2A CSMT   EXTRA      43
CADL EYUMAS3A CSMT   EXTRA      43
CADL EYUMAS4A CSMT   EXTRA      56
CPLD EYUMAS1A CPLI   EXTRA       0
CPLD EYUMAS2A CPLI   EXTRA       0
CPLD EYUMAS3A CPLI   EXTRA       0
CPLD EYUMAS4A CPLI   EXTRA       0
CRDI EYUMAS1A CSMT   EXTRA       1
CRDI EYUMAS2A CSMT   EXTRA       0
CRDI EYUMAS3A CSMT   EXTRA       0
CRDI EYUMAS4A CSMT   EXTRA       0
CSDL EYUMAS1A CSMT   EXTRA       2
CSDL EYUMAS2A CSMT   EXTRA       0
CSDL EYUMAS3A CSMT   EXTRA       0
CSDL EYUMAS4A CSMT   EXTRA       0
    
```

Figure 143. The INDTDQ view

### Action commands

Table 288 on page 367 shows the action command you can issue from the INDTDQ view. This action command is available only for systems running the CICS TS for OS/390.

Table 288. INDTDQ view action command

Primary command	Line command	Description
DiSCard ind-tdq sysname	DSC	Discards a queue.
<b>Where:</b> <b>ind-tdq</b> Is the specific or generic name of an indirect transient data queue. <b>sysname</b> Is the specific or generic name of a CICS system.		

## Hyperlinks

Table 289 shows the hyperlink field on the INDTDQ view.

Table 289. INDTDQ view hyperlink field

Hyperlink field	View displayed	Description
Queue ID	EXTRATDD	Detailed view of the specified extrapartition transient data queue.
	INDTDQD	Detailed view of the specified indirect transient data queue.
	INTRATDD	Detailed view of the specified intrapartition transient data queue.
	REMTDQD	Detailed view of the specified remote transient data queue.

**Note:** You can also display the INDTDQS view by issuing the SUM display command.

## INDTDQD – Indirect transient data queue details

The INDTDQD view shows detailed information about a currently installed indirect transient data queue.

### Availability

The INDTDQD view is available for all managed CICS systems.

### Access

**Issue command:**

```
INDTDQD tdq sysname
```

tdq Is the name of a currently installed indirect transient data queue.

sysname Is the name of the local CICS system. The CICS system must be within the current scope.

**Hyperlink from:**

the Queue ID field of the QUEUE view.

Figure 144 is an example of the INDTDQD view.

```

26MAR1999 20:28:26 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =INDTDQD=====EYUPLX01=EYUPLX01=26MAR1999==20:28:26=CPSM=====1===
Queue ID.....    CADL
CICS System..    EYUMAS1A
Indirect Name    CSMT
Indirect Type    EXTRA
Accesses.....    56
    
```

Figure 144. The INDTDQD view

### Action commands

Table 290 shows the action command you can issue from the INDTDQD view. This action command is available only for systems running the CICS TS for OS/390.

Table 290. INDTDQD view action command

Primary command	Line command	Description
DiSCard	DSC	Discards a queue.

## Hyperlinks

Table 291 shows the hyperlink field on the INDTDQD view.

*Table 291. INDTDQD view hyperlink field*

Hyperlink field	View displayed	Description
Queue ID	EXTRATDD	Detailed view of the specified extrapartition transient data queue.
	INDTDQD	Detailed view of the specified indirect transient data queue.
	INTRATDD	Detailed view of the specified intrapartition transient data queue.
	REMTDQD	Detailed view of the specified remote transient data queue.

## INDTDQS – Indirect transient data queues summary

The INDTDQS view shows summarized information about currently installed indirect transient data queues. INDTDQS is a summary form of the INDTDQ view.

### Availability

The INDTDQS view is available for all managed CICS systems.

### Access

**Issue command:**

```
INDTDQS [tdq [ind-tdq]]
```

Where the parameters are the same as those for INDTDQ on page 366.

**Select:** TDQ from the OPERATE menu, and INDTDQS from the TDQ submenu.

**Summarize:**

Issue the SUM display command from an INDTDQ or INDTDQS view.

The INDTDQS view looks like the INDTDQ view shown in Figure 143 on page 366 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 292 shows the action command you can issue from the INDTDQS view. This action command is available only for systems running the CICS TS for OS/390. It affects all of the resources that were combined to form the summary line of data.

Table 292. INDTDQS view action command

Primary command	Line command	Description
n/a	DSC	Discards a queue.

### Hyperlinks

From the INDTDQS view, you can hyperlink from the Count field to the INDTDQ view to expand a line of summary data. The INDTDQ view includes only those resources that were combined to form the specified summary line.

## INTRATDD – Intrapartition transient data queue details

The INTRATDD view shows detailed information about a currently installed intrapartition transient data queue.

### Availability

The INTRATDD view is available for all managed CICS systems.

### Access

#### Issue command:

```
INTRATDD tdq sysname
```

tdq Is the name of a currently installed intrapartition transient data queue.

sysname Is the name of the CICS system where the queue is located. The CICS system must be within the current scope.

#### Hyperlink from:

the Queue ID field of the QUEUE view.

Figure 145 is an example of the INTRATDD view.

```

26MAR1999 18:39:40 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =INTRATDQ=INTRATDD=EYUPLX01=EYUPLX01=26MAR1999==18:39:31=CPSM=====1===
Queue ID..... EQ01
CICS System... EYUMAS1A
Enabled Status. ENABLED
Accesses..... 0
ATI Tran.....
ATI User Id... N/A
ATI Term.....
ATI Facility... NOTERMINAL
Trigger Level.. 1
Number Items... 0
Recovery Status NOTRECOVABL
InDoubt Option. N/A
InDoubt Action. N/A

```

Figure 145. The INTRATDD view

### Action commands

Table 293 on page 372 shows the action commands you can issue from the INTRATDD view. The overtyping fields are shown in Table 294 on page 372.

The action commands and overtyping fields for the INTRATDD view are available for all managed CICS systems for which INTRATDD is valid, except CICS/MVS 2.1.2. Additional exceptions are noted in Table 294 on page 372.

## transient data queues – INTRATDD

Table 293. INTRATDD view action commands

Primary command	Line command	Description
DISable	DIS	Disables the queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
DiSCard	DSC	Discards the queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.  Available only for systems running the CICS TS for OS/390.
ENable	ENA	Enables the queue.
n/a	SET	Sets a queue attribute according to the new value you specify in an overtyp field (see Table 294). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 294. INTRATDD view overtyp fields

Field name	Values
Enabled Status	ENABLED   DISABLED Cannot be modified for CICS/VSE 2.2 and CICS/VSE 2.3 systems.
ATI Tran	Any valid ATI transaction name
ATI User Id	Any valid ATI user ID
ATI Term	Any valid ATI terminal name
ATI Facility	TERMINAL   NOTERMINAL
Trigger Level	0–32767

## Hyperlinks

None.



## INTRATDQ – Intrapartition transient data queues

The INTRATDQ view shows general information about currently installed intrapartition transient data queues.

### Availability

The INTRATDQ view is available for all managed CICS systems.

### Access

#### Issue command:

```
INTRATDQ [tdq [ENABLED|DISABLED]]
```

tdq Is the specific or generic name of a currently installed intrapartition transient data queue, or \* for all intrapartition queues.

ENABLED|DISABLED Limits the view to intrapartition transient data queues that are either enabled or disabled. If you omit this parameter, intrapartition transient data queues are included in the view regardless of their status.

If you do not specify parameters, the view includes information about all intrapartition transient data queues within the current scope.

**Select:** TDQ from the OPERATE menu, and INTRATDQ from the TDQ submenu.

Figure 146 is an example of the INTRATDQ view.

```

26MAR1999 18:39:31 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =INTRATDQ=====EYUPLX01=EYUPLX01=26MAR1999==18:39:31=CPSM=====3===
CMD Queue CICS   Enabled  Accesses ATI  ATI Trigger Number Recovery
--- ID--- System-- Status--- ----- Tran Term Level--- Items-- Status-----
EQ01  EYUMAS1A  ENABLED      0           1           1           0 NOTRECOVABL
EQ01  EYUMAS3A  ENABLED      0           1           1           0 NOTRECOVABL
EQ01  EYUMAS4A  ENABLED      0           1           1           0 NOTRECOVABL

```

Figure 146. The INTRATDQ view

### Action commands

Table 295 on page 374 shows the action commands you can issue from the INTRATDQ view. The overtype fields are shown in Table 296 on page 374.

The action commands and overtype fields for the INTRATDQ view are available for all managed CICS systems for which INTRATDQ is valid, except CICS/MVS 2.1.2. Additional exceptions are noted in Table 296 on page 374.

## transient data queues – INTRATDQ

Table 295. INTRATDQ view action commands

Primary command	Line command	Description
DISable tdq sysname	DIS	Disables a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.
DiSCard tdq sysname	DSC	Discards a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.  Available only for systems running the CICS TS for OS/390.
ENable tdq sysname	ENA	Enables a queue.
n/a	SET	Sets a queue attribute according to the new value you specify in an overtyp field (see Table 296). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.
<b>Where:</b> <b>tdq</b> Is the specific or generic name of an intrapartition transient data queue. <b>sysname</b> Is the specific or generic name of a CICS system.		

Table 296. INTRATDQ view overtyp fields

Field name	Values
Enabled Status	ENABLED   DISABLED Cannot be modified for CICS/VSE 2.2 and CICS/VSE 2.3 systems.
ATI Tran	Any valid ATI transaction name
ATI Term	Any valid ATI terminal name
Trigger Level	0–32767

## Hyperlinks

Table 297 shows the hyperlink field on the INTRATDQ view.

Table 297. INTRATDQ view hyperlink field

Hyperlink field	View displayed	Description
Queue ID	INTRATDD	Detailed view of the specified intrapartition transient data queue.

## transient data queues – INTRATDQ

**Note:** You can also display to the INTRATDS view by issuing the SUM display command.

## INTRATDS – Intrapartition transient data queues

The INTRATDS view shows summarized information about currently installed intrapartition transient data queues. INTRATDS is a summary form of the INTRATDQ view.

### Availability

The INTRATDS view is available for all managed CICS systems.

### Access

**Issue command:**

```
INTRATDS [tdq [ENABLED|DISABLED]]
```

Where the parameters are the same as those for INTRATDQ on page 373.

**Select:** TDQ from the OPERATE menu, and INTRATDS from the TDQ submenu.

**Summarize:**

Issue the SUM display command from an INTRATDQ or INTRATDS view. The INTRATDS view looks like the INTRATDQ view shown in Figure 146 on page 373 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 298 shows the action commands you can issue from the INTRATDS view. These action commands affect all of the resources that were combined to form the summary line of data. The overtype field is shown in Table 299 on page 377.

The action commands and overtype field for the INTRATDS view are available for all managed CICS systems for which INTRATDS is valid, except CICS/MVS 2.1.2. Additional exceptions are noted in Table 299 on page 377.

*Table 298. INTRATDS view action commands*

Primary command	Line command	Description
n/a	DIS	Disables a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be disabled. 2. A disabled queue cannot be accessed by applications, though it can still be open.

## transient data queues – INTRATDS

Table 298. INTRATDS view action commands (continued)

Primary command	Line command	Description
n/a	DSC	Discards a queue.  <b>Notes:</b> 1. Transient data queues that have names beginning with C are supplied by CICS and cannot be discarded. 2. The transient data queue must be disabled and closed before it can be discarded.  Available only for systems running the CICS TS for OS/390.
n/a	ENA	Enables a queue.
n/a	SET	Sets a queue attribute according to the new value you specify in an oertype field (see Table 299). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you oertype a field.

Table 299. INTRATDS view oertype fields

Field name	Values
Enabled Status	ENABLED   DISABLED Also cannot be modified for CICS/VSE 2.2 and CICS/VSE 2.3 systems.

## Hyperlinks

From the INTRATDS view, you can hyperlink from the Count field to the INTRATDQ view to expand a line of summary data. The INTRATDQ view includes only those resources that were combined to form the specified summary line.

## QUEUE – Transient data queues

The QUEUE view shows general information about currently installed intrapartition, extrapartition, indirect, and remote transient data queues.

### Availability

The QUEUE view is available for all managed CICS systems.

### Access

**Issue command:**

```
QUEUE [tdq [EXTRA|INDIRECT|INTRA|REMOTE]]
```

tdq Is the specific or generic name of a currently installed transient data queue, or \* for all queues.

EXTRA|INDIRECT|INTRA|REMOTE Limits the view to transient data queues of the specified type:

**EXTRA** Extrapartition transient data queues

**INDIRECT**  
Indirect transient data queues

**INTRA** Intrapartition transient data queues

**REMOTE** Remote transient data queues

If you omit this parameter, transient data queues are included in the view regardless of their type.

If you do not specify parameters, the view includes information about all transient data queues within the current scope.

**Select:** TDQ from the OPERATE menu, and QUEUE from the TDQ submenu.

Figure 147 is an example of the QUEUE view.

```
26MAR1999 20:28:20 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =QUEUE=====EYUPLX01=EYUPLX01=26MAR1999==20:28:20=CPSM=====60===
CMD Queue CICS      Queue
--- ID--- System-- Type----
CADL EYUMAS1A INDIRECT
CADL EYUMAS2A INDIRECT
CADL EYUMAS3A INDIRECT
CADL EYUMAS4A INDIRECT
COLG EYUMAS1A EXTRA
COLG EYUMAS2A EXTRA
COLG EYUMAS3A EXTRA
COLG EYUMAS4A EXTRA
COPR EYUMAS1A EXTRA
COPR EYUMAS2A EXTRA
COPR EYUMAS3A EXTRA
COPR EYUMAS4A EXTRA
```

Figure 147. The QUEUE view

## Action commands

There are no action commands or overtypes fields for the QUEUE view. To change a transient data queue's status or attributes, use one of the other queue views, such as EXTRATDQ, INDTDQ, INTRATDQ, or REMTDQ.

## Hyperlinks

Table 300 shows the hyperlink field on the QUEUE view.

*Table 300. QUEUE view hyperlink field*

Hyperlink field	View displayed	Description
Queue ID	EXTRATDD	Detailed view of the specified extrapartition transient data queue.
	INDTDQD	Detailed view of the specified indirect transient data queue.
	INTRATDD	Detailed view of the specified intrapartition transient data queue.
	REMTDQD	Detailed view of the specified remote transient data queue.

**Note:** You can also display the QUEUES view by issuing the SUM display command.

## QUEUES – Transient data queues summary

The QUEUES view shows summarized information about currently installed intrapartition, extrapartition, indirect, and remote transient data queues. QUEUES is a summary form of the QUEUE view.

### Availability

The QUEUES view is available for all managed CICS systems.

### Access

**Issue command:**

```
QUEUES [tdq [EXTRA|INDIRECT|INTRA|REMOTE]]
```

Where the parameters are the same as those for QUEUE on page 378.

**Select:** TDQ from the OPERATE menu, and QUEUES from the TDQ submenu.

**Summarize:**

Issue the SUM display command from a QUEUE or QUEUES view.

The QUEUES view looks like the QUEUE view shown in Figure 147 on page 378 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

There are no action commands or overtype fields for the QUEUES view. To change a transient data queue's status or attributes, use one of the other queue views, such as EXTRATDQ, INDDTDQ, INTRATDQ, or REMTDQ.

### Hyperlinks

From the QUEUES view, you can hyperlink from the Count field to the QUEUE view to expand a line of summary data. The QUEUE view includes only those resources that were combined to form the specified summary line.



## REMTDQ – Remote transient data queues

The REMTDQ view shows general information about currently installed remote transient data queues. Remote transient data queues are queues that are defined to the local CICS system, but reside in another CICS system.

### Availability

The REMTDQ view is available for all managed CICS systems.

### Access

#### Issue command:

```
REMTDQ [tdq [rem-tdq]]
```

`tdq` Is the specific or generic name of a currently installed remote transient data queue, or \* for all remote queues.

`rem-tdq` Is the specific or generic name of a remote queue as known to the CICS system where the queue resides. Use this parameter to find out what CICS systems have a particular queue defined as remote and what names they know it by.

If you do not specify parameters, the view includes information about all remote transient data queues within the current scope.

**Select:** TDQ from the OPERATE menu, and REMTDQ from the TDQ submenu.

Figure 148 is an example of the REMTDQ view.

```

26MAR1999 20:48:30 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1           ALT WIN ==>
W1 =REMTDQ=====EYUPLX01=EYUPLX01=26MAR1999==20:48:30=CPSM=====1==
CMD Queue CICS      Remote Remote Accesses
--- ID--- System-- Name-  Sys ID -----
   EQ01  EYUMAS2A EQ01   2A4A           0

```

Figure 148. The REMTDQ view

### Action commands

Table 301 shows the action command you can issue from the REMTDQ view. This action command is available only for systems running the CICS TS for OS/390.

Table 301. REMTDQ view action command

Primary command	Line command	Description
DiSCard rem-tdq sysname	DSC	Discards a queue.
<b>Where:</b> <b>rem-tdq</b> Is the specific or generic name of an remote transient data queue. <b>sysname</b> Is the specific or generic name of a CICS system.		

## transient data queues – REMTDQ

### Hyperlinks

Table 302 shows the hyperlink field on the REMTDQ view.

*Table 302. REMTDQ view hyperlink field*

Hyperlink field	View displayed	Description
Queue ID	REMTDQD	Detailed view of the specified remote transient data queue.

**Note:** You can also display the REMTDQS view by issuing the SUM display command.

## REMTDQD – Remote transient data queue details

The REMTDQD view shows detailed information about a currently installed remote transient data queue. Remote transient data queues are queues that are defined to the local CICS system, but reside in another CICS system.

### Availability

The REMTDQD view is available for all managed CICS systems.

### Access

#### Issue command:

```
REMTDQD tdq sysname
```

tdq Is the name of a currently installed remote transient data queue.

sysname Is the name of the local CICS system. The CICS system must be within the current scope.

#### Hyperlink from:

the Queue ID field of the QUEUE view.

Figure 149 is an example of the REMTDQD view.

```

26MAR1999 20:48:59 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =REMTDQ==REMTDQD==EYUPLX01=EYUPLX01=26MAR1999==20:48:30=CPSM=====1===
Queue ID.....      EQ01
CICS System.....   EYUMAS2A
Remote Name.....   EQ01
Remote System ID   2A4A
Accesses.....      0

```

Figure 149. The REMTDQD view

### Action commands

Table 303 shows the action command you can issue from the REMTDQ view. This action command is available only for systems running the CICS TS for OS/390.

Table 303. REMTDQD view action command

Primary command	Line command	Description
DiSCard	DSC	Discards a queue.

### Hyperlinks

None.

## REMTDQS – Remote transient data queues summary

The REMTDQS view shows summarized information about currently installed remote transient data queues. REMTDQS is a summary form of the REMTDQ view.

### Availability

The REMTDQS view is available for all managed CICS systems.

### Access

**Issue command:**

```
REMTDQS [tdq [rem-tdq]]
```

Where the parameters are the same as those for REMTDQ on page 381.

**Select:** TDQ from the OPERATE menu, and REMTDQS from the TDQ submenu.

**Summarize:**

Issue the SUM display command from a REMTDQ or REMTDQS view.

The REMTDQS view looks like the REMTDQ view shown in Figure 148 on page 381 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 304 shows the action command you can issue from the REMTDQS view. This action command is available only for systems running the CICS TS for OS/390. It affects all of the resources that were combined to form the summary line of data.

Table 304. REMTDQS view action command

Primary command	Line command	Description
n/a	DSC	Discards a queue.

### Hyperlinks

From the REMTDQS view, you can hyperlink from the Count field to the REMTDQ view to expand a line of summary data. The REMTDQ view includes only those resources that were combined to form the specified summary line.

## TDQGBL – Transient data queue usage

The TDQGBL view shows general information about intrapartition transient data queue usage.

### Availability

The TDQGBL view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**  
TDQGBL

**Select:** TDQ from the OPERATE menu, and TDQGBL from the TDQ submenu.

Figure 150 is an example of the TDQGBL view.

```

26MAR1999 21:25:55 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TDQGBL=====EYUPLX01=EYUPLX01=26MAR1999==21:25:55=CPSM=====4===
CMD CICS   Peak   Total  Peak   Total  Peak   Total  Peak   Times
--- System-- -Queue- -Bwait- -Bwait- -Swait- -Swait- -CIs--- -CIUSE- -NOSPACE
EYUMAS1A   0      0      0      0      0      0     100    1      0
EYUMAS2A   0      0      0      0      0      0      0      0      0
EYUMAS3A   0      0      0      0      0      0     100    1      0
EYUMAS4A   0      0      0      0      0      0     100    1      0
    
```

Figure 150. The TDQGBL view

### Action commands

None.

### Hyperlinks

Table 305 shows the hyperlink field on the TDQGBL view.

Table 305. TDQGBL view hyperlink field

Hyperlink field	View displayed	Description
CICS System	TDQGBLD	Detailed view of intrapartition transient data queue usage in the specified CICS system.

**Note:** You can also display the TDQGBLS view by issuing the SUM display command.

## TDQGBLD – Transient data queue usage details

The TDQGBLD view shows detailed information about intrapartition transient data queue usage in a CICS system.

### Availability

The TDQGBLD view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**

TDQGBLD sysname

sysname Is the name of a CICS system within the current scope.

**Hyperlink from:**

the CICS System field of the TDQGBL view.

Figure 151 is an example of the TDQGBLD view.

```
26MAR1999 21:15:34 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =TDQGBL==TDQGBLD==EYUPLX02=EYUPLX02=26MAR1999==21:15:27=CPSM=====1===
CICS System..... EYUMAS1C Intra CI Size.... 4096 Current Values..
Peak Queues Actv.    0 Number of CIs.... 100 ConCur Buff Acc    N/A
Intra Accesses...   0 Peak CIs in Use..    1 Buffer Waits...    N/A
Peak Conc Access.   0 Dataset Reads....   0 Buff w/val Data   N/A
NOSPACE Count....   0 Dataset Writes...   0 Str Acc.....     N/A
Number Strings...   5 Format Writes....   0 Str Waits.....   N/A
String Accesses..   0 Dataset IO Errs..   0 Num CIs in use..  N/A
Peak Concur Strng   0 Buffer Count.....   8
Total Strng Waits   0 Buffer Waits.....   0
Peak String Waits   0 Peak Buff Wait...   0
```

Figure 151. The TDQGBLD view

### Action commands

None.

### Hyperlinks

None.

---

## TDQGBLS – Transient data queue usage summary

The TDQGBLS view shows summarized information about intrapartition transient data queue usage. TDQGBLS is a summary form of the TDQGBL view.

### Availability

The TDQGBLS view is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

### Access

**Issue command:**  
TDQGBLS

**Select:** TDQ from the OPERATE menu, and TDQGBLS from the TDQ submenu.

**Summarize:**

Issue the SUM display command from a TDQGBL or TDQGBLS view. The TDQGBLS view looks like the TDQGBL view shown in Figure 150 on page 385 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the TDQGBLS view, you can hyperlink from the Count field to the TDQGBL view to expand a line of summary data. The TDQGBL view includes only those resources that were combined to form the specified summary line.

## transient data queues – TDQGBLS



---

## Chapter 19. Unit of work

The unit of work views show information about units of work that are executing within the current context and scope.

The unit of work operations views are:

**UOWDSNF**

A general view of shunted units of work

**UOWDSNFD**

A detailed view of a shunted unit of work

**UOWDSNFS**

A summary view of shunted units of work

**UOWENQ**

A general view of active and retained enqueues held for executing units of work

**UOWENQD**

A detailed view of an enqueue held for an executing unit of work

**UOWENQS**

A summary view of enqueues held for executing units of work

**UOWLINK**

A general view of the links (sessions) involved in a specified unit of work

**UOWLINKD**

A detailed view of a link (session) involved in a unit of work

**UOWLINKS**

A summary view of the links (sessions) involved in a unit of work

**UOWORK**

A general view of executing units of work

**UOWORKD**

A detailed view of an executing unit of work

**UOWORKS**

A summary view of executing units of work

For details about the availability of unit of work views, see the individual view descriptions.

## UOWDSNF – Shunted units of work

The UOWDSNF view shows general information about shunted units of work.

### Availability

The UOWDSNF view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

UOWDSNF

**Select:** UOW from the OPERATE menu, and UOWDSNF from the UOW submenu.

Figure 152 is an example of the UOWDSNF view.

```

26MAR1999 20:28:02 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1      ALT WIN ==>
W1 =UOWDSNF=====EYUPLX01=EYUPLX01=26MAR1999==20:28:02====CPSM=====1
CMD Unit of Work ID  CICS  Cause      Reason      RLS  SysId Netid
----- System-----
      F0F1F0F2F0F3F0F4  EYUMAS1A  CACHE      RLSGONE     NOTRLS MVSE  N/A
    
```

Figure 152. The UOWDSNF view

### Action commands

None.

### Hyperlinks

Table 306 shows the hyperlink field on the UOWDSNF view.

Table 306. UOWDSNF view hyperlink field

Hyperlink field	View displayed	Description
Unit of Work ID	UOWDSNFD	Detailed view of the shunted unit of work.

## UOWDSNFD – Shunted unit of work details

The UOWDSNFD view shows detailed information about a shunted unit of work.

### Availability

The UOWDSNFD view is available for systems running the CICS TS for OS/390.

### Access

#### Hyperlink from:

the Unit of Work ID field of the UOWDSNF view.

Figure 153 is an example of the UOWDSNFD view.

```

26MAR1999 20:32:02 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =UOWDSNF=UOWDSNFD=EYUPLX01=EYUPLX01=26MAR1999==20:32:02====CPSM=====1
UOW ID..... F0F1F0F2F0F3F0F4F0F5F0F6F0F7F0F8
CICS System. EYUMASIA Dataset Name
Fail Cause.. CACHE Failed Netid
Fail Reason. RLSGONE
Failed SysID MVSE

```

Figure 153. The UOWDSNFD view

**Note:** Since the dataset name can be 44 characters in length, you may have to scroll the view to the right to see the entire dataset name.

### Action commands

None.

### Hyperlinks

None.

## UOWDSNFS – Shunted units of work summary

The UOWDSNFS view shows summary information about shunted units of work. UOWDSNFS is a summary form of the UOWDSNF view.

### Availability

The UOWDSNFS view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**  
UOWDSNFS

**Select:** UOW from the OPERATE menu, and UOWDSNFS from the UOW submenu.

**Summarize:**

Issue the SUM display command from a UOWDSNF view.

The UOWDSNFS view looks like the UOWDSNF view shown in Figure 152 on page 390 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the UOWDSNFS view, you can hyperlink from the Count field to the UOWDSNF view to expand a line of summary data. The UOWDSNF view includes only those resources that were combined to form the specified summary line.

## UOWENQ – Units of work enqueues

The UOWENQ view shows general information about active and retained enqueues held for executing units of work.

### Availability

The UOWENQ view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

UOWENQ

**Select:** UOW from the OPERATE menu, and UOWENQ from the UOW submenu.

Figure 154 is an example of the UOWENQ view.

```

26MAR1999 20:28:02 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =UOWENQ=====EYUPLX01=EYUPLX01=26MAR1999==20:26:17====CPSM=====1
CMD Unit of Work ID  CICS  Type      Fails  State  Owner
----- System-----
      0102030405060708 EYUMAS1A EXECENQADDR      15  RETAINED  OWNER

```

Figure 154. The UOWENQ view

### Action commands

None.

### Hyperlinks

Table 307 shows the hyperlink field on the UOWENQ view.

Table 307. UOWENQ view hyperlink field

Hyperlink field	View displayed	Description
Unit of Work ID	UOWENQD	Detailed view of the enqueue associated with the specified unit of work.

## UOWENQD – Unit of work enqueue details

The UOWENQD view shows detailed information about the enqueue for a unit of work.

### Availability

The UOWENQD view is available for systems running the CICS TS for OS/390.

### Access

#### Hyperlink from:

the Unit of Work ID field of the UOWENQ view.

Figure 155 is an example of the UOWENQD view.

```

26MAR1999 20:26:50 ----- INFORMATION DISPLAY -----
COMMAND ==>>                                     SCROLL ==>> PAGE
CURR WIN ==>> 1          ALT WIN ==>>
W1 =UOWENQ==UOWENQD==EYUPLX01=EYUPLX01=26MAR1999==20:26:17====CPSM=====1
UOW ID.....                                0102030405060708090A0B0C0D0E0F00
CICS System...                               EYUMAS1A
Net UOW ID....                                CMAS1DH.CSYS5DH  404040404040 4000
Enq Type.....                                EXECENQADDR
Scope Name.... ABCD
Start Trans Id                                TRID
Start Task Id.                                99
Enq State.....                                RETAINED
Enq Owner.....                                OWNER
Enq Fails.....                                15
Qualifier..... C5D4D7D3 D68C5C54 40D5C1D4 C5404040 *EMPLOYEE NAME *
40404040 40404040 40404040 40404040 * *
40404040 40404040 40404040 40404040 * *
40404040 40404040 40404040 40404040 * *
40404040 40404040 40404040 40404040 * *
. *
. *
. *
Resource..... C4E2D5C1 DRC54040 40404040 40404040 *DSNAME *
40404040 40404040 40404040 40404040 * *
40404040 40404040 40404040 40404040 * *
40404040 40404040 40404040 40404040 * *
40404040 40404040 40404040 40404040 * *
. *
. *
. *
    
```

Figure 155. The UOWENQD view

### Action commands

None.

### Hyperlinks

None.

---

## UOWENQS – Units of work enqueues summary

The UOWENQS view shows summarized information about active and retained enqueues held for an executing unit of work. UOWENQS is a summary form of the UNOWENQ view.

### Availability

The UOWENQS view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

UOWENQS

**Select:** UOW from the OPERATE menu, and UOWENQS from the UOW submenu.

**Summarize:**

Issue the SUM display command from a UOWENQ view.

The UOWENQS view looks like the UOWENQ view shown in Figure 154 on page 393 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the UOWENQS view, you can hyperlink from the Count field to the UOWENQ view to expand a line of summary data. The UOWENQ view includes only those resources that were combined to form the specified summary line.

## UOWLINK – Units of work links

The UOWLINK view shows general information about links between units of work and CICS systems or external resource managers.

### Availability

The UOWLINK view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**  
UOWLINK

**Select:** UOW from the OPERATE menu, and UOWLINK from the UOW submenu.

Figure 156 is an example of the UOWLINK view.

```

26MAR1999 18:53:08 ----- INFORMATION DISPLAY -----
COMMAND ==>                               SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
>W1 =UOWLINK=====EYUPLX01=EYUPLX01=26MAR1999==18:53:08====CPSM=====1
CMD Link      CICS  Unit of Work ID  Type  Name      Qualifie Role
----- System-- -----
      F0F0F0F0 EYUMAS1A 0102030405060708 RMI      LINKNAME RmfQual COORDINATOR
    
```

Figure 156. The UOWLINK view

### Action commands

Table 308 shows the action command you can issue from the UOWLINK view.

Table 308. UOWLINK view action command

Primary command	Line command	Description
DELeTe link sysname	DEL	Deletes the link between a unit of work and a CICS system or external resource manager.
<b>Where:</b> <b>link</b> Is the specific or generic name of a link. <b>sysname</b> Is the specific or generic name of a CICS system.		

### Hyperlinks

Table 309 shows the hyperlink field on the UOWLINK view.

Table 309. UOWLINK view hyperlink field

Hyperlink field	View displayed	Description
Link	UOWLINKD	Detailed view of the connections between a unit of work and CICS systems or external resource manager.



## UOWLINKD – Unit of work link details

The UOWLINKD view shows detailed information about the connection between a unit of work and a CICS system or external resource manager.

### Availability

The UOWLINKD view is available for systems running the CICS TS for OS/390.

### Access

#### Hyperlink from:

the Link field of the UOWLINK view.

Figure 157 is an example of the UOWLINKD view.

```

26MAR1999 18:53:16 ----- INFORMATION DISPLAY -----
COMMAND ==>                                     SCROLL ==> PAGE
CURR WIN ==> 1          ALT WIN ==>
W1 =UOWLINK=UOWLINKD=EYUPLX01=EYUPLX01=26MAR1999==18:53:08====CPSM=====1
Link ID.....                                F0F0F0F0
CICS System..                                EYUMAS1A
UOW ID.....      F0F0F0F000F3F0F4F0F5F0F6F0F7F0F8
Net UOW ID...   CMAS1DH.CSYS5DH   404040404040 40C4
Link Type....                                RMI
Link Name....                                LINKNAME
Linked SysId.
Protocol                                           RRMS
RMI Qualifier                                  RmfQual
Link Role....                                COORDINATOR
Sync Status..                                WARMSTART

```

Figure 157. The UOWLINKD view

### Action commands

Table 310 shows the action command you can issue from the UOWLINKD view.

Table 310. UOWLINKD view action command

Primary command	Line command	Description
DElete	DEL	Deletes the link between a unit of work and a CICS system or external resource manager.

### Hyperlinks

None.

## UOWLINKS – Units of work links summary

The UOWLINKS view shows summary information about connections between a unit of work and CICS systems or external resource managers.

### Availability

The UOWLINKS view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

UOWLINKS

**Select:** UOW from the OPERATE menu, and UOWLINKS from the UOW submenu.

**Summarize:**

Issue the SUM display command from a UOWLINK view.

The UOWLINKS view looks like the UOWLINK view shown in Figure 156 on page 396 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

Table 311 shows the action command you can issue from the UOWLINKS view.

Table 311. UOWLINKS view action command

Primary command	Line command	Description
n/a	DEL	Deletes the link between a unit of work and a CICS system.

### Hyperlinks

From the UOWLINKS view, you can hyperlink from the Count field to the UOWLINK view to expand a line of summary data. The UOWLINK view includes only those resources that were combined to form the specified summary line.

## UOWORK – Units of work

The UOWORK view shows general information about currently executing units of work.

### Availability

The UOWORK view is available for systems running the CICS TS for OS/390.

### Access

#### Issue command:

UOWORK

**Select:** UOW from the OPERATE menu, and UOWWORK from the UOW submenu.

Figure 158 is an example of the UOWORK view.

```

26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> A
W1 =UOWORK=====EYUPLX01=EYUPLX01=26MAR1999==21:12:12====CPSM=====1
CMD Unit of Work ID CICS STATE Term Tran Task User Id
----- System-----
AB876A0D8F8B9A01 EYUMAS1A INFLIGHT CSSY 4 CVM
AB876A0D8F9D2181 EYUMAS1A INFLIGHT CSSY 5 CVM
AB876A0DBA3F3A82 EYUMAS1A INFLIGHT CSTP 7 CVM
AB876A165D97E181 EYUMAS1A INFLIGHT CSZI 17 CVM
AB876A1980A52202 EYUMAS1A INFLIGHT CONL 19 CVM
AB876A1E49908181 EYUMAS1A INFLIGHT CSSY 26 CVM
AB876A1F0EB7F881 EYUMAS1A INFLIGHT CSNE 18 CVM
AB876A240B251B81 EYUMAS1A INFLIGHT COI0 27 CVM
AB876A24C0F72E82 EYUMAS1A INFLIGHT CONM 28 CVM
AB876A24C121B902 EYUMAS1A INFLIGHT CONM 29 CVM

```

Figure 158. The UOWORK view

### Action commands

Table 312 shows the action commands you can issue from the UOWORK view. The overtype fields are shown in Table 313.

Table 312. UOWORK view action commands

Primary command	Line command	Description
n/a	SET	Sets a unit of work attribute according to the new value you specify in an overtype field (see Table 313). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtype a field.

Table 313. UOWORK view overtype fields

Field name	Values
State	COMMIT   BACKOUT   FORCE

## units of work – UOWORK

### Hyperlinks

Table 314 shows the hyperlink field on the UOWORK view.

*Table 314. UOWORK view hyperlink field*

Hyperlink field	View displayed	Description
Unit of Work ID	UOWORKD	Detailed view of the specified unit of work.

## UOWORKD – Unit of work details

The UOWORKD view shows detailed information about a currently executing unit of work.

### Availability

The UOWORKD view is available for systems running the CICS TS for OS/390.

### Access

**Hyperlink from:**

the Unit of Work ID field of the UOWORK view.

Figure 159 is an example of the UOWORKD view.

```

26MAR1999 21:12:12 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> A
W1 =UOWORK==UOWORKD==EYUPLX01=EYUPLX01=26MAR1999==18:51:46====CPSM=====1
UOW ID..... AB876A165D97E1810000000000000000
CICS System..... EYUMAS1A
Net UOW ID..... GBIBMIYZ.CVM3SM 165D97E10001 00AB
Task ID..... 17
Start Term ID.....
Start Trans ID..... CSZI
Start User ID..... CVM
State..... INFLIGHT
Wait State..... ACTIVE
Wait Cause..... NOTAPPLIC
Age of Wait..... 00:03:20
Netname Causing Wait
Wait System ID.....
    
```

Figure 159. The UOWORKD view

### Action commands

Table 315 shows the action commands you can issue from the UOWORKD view. The overtypable fields are shown in Table 316.

Table 315. UOWORKD view action commands

Primary command	Line command	Description
n/a	SET	Sets a unit of work attribute according to the new value you specify in an overtypable field (see Table 316). <b>Note:</b> The value you specified in the Require Set field on the CICSplex System Manager entry panel determines whether or not you must use the SET command when you overtypable a field.

Table 316. UOWORKD view overtypable fields

Field name	Values
State	COMMIT   BACKOUT   FORCE

**units of work – UOWORKD**

## **Hyperlinks**

None.

---

## UOWORKS – Units of work summary

The UOWORKS view shows summarized information about currently executing units of work. UOWORKS is a summary form of the UOWORK view.

### Availability

The UOWORKS view is available for systems running the CICS TS for OS/390.

### Access

**Issue command:**

UOWORKS

**Select:** UOW from the OPERATE menu, and UOWWORKS from the UOW submenu.

**Summarize:**

Issue the SUM display command from a UOWORK or UOWORKS view. The UOWORKS view looks like the UOWORK view shown in Figure 158 on page 399 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

By default, the view is summarized by CICS system. If you place the cursor on a field of data and issue the SUM display command, the view is summarized by the data in that field.

### Action commands

None.

### Hyperlinks

From the UOWORKS view, you can hyperlink from the Count field to the UOWORK view to expand a line of summary data. The UOWORK view includes only those resources that were combined to form the specified summary line.

## units of work – UOWORKS



---

## Appendix. Example operations tasks

This appendix provides step-by-step examples of some typical operations tasks.

For any operations task, you must be aware of the scope—that is, of the CICS systems—with which you are working: if the scope is a single CICS system, any data you retrieve from CICSplex SM relates to that single system; if the scope is a group of CICS systems, the data relates to all of the systems in the group; if the scope is a CICSplex, the data relates to every system in that CICSplex. For all of the examples in this chapter, the initial scope is CICSplex PLXPROD1.

The examples are:

*Table 317. Example operations tasks*

Example	Page
Finding out how many tasks are associated with a transaction	405
Identifying the tasks associated with a transaction	406
Relating a set of tasks to a user ID	407
Checking the status of a terminal	408
Checking the status of a communications link	410
Finding out which CICS systems a file is available to	411
Correlating local and remote file names	412
Finding out which data set a program came from in a specified CICS system	413
Finding out why a CICSplex SM event occurred	414
Disabling a transaction in a single CICS system	417
Disabling a transaction globally	418
Finding out which resources are being monitored in a CICS system	419
Deactivating a workload definition	419
Discarding an active transaction from a workload	420

For all of these tasks, you can start from any view in a CICSplex SM session: you can move to any view from any other view.

---

### Finding out how many tasks are associated with a transaction

This example shows how to find out how many tasks are associated with transaction CONL throughout the CICSplex PLXPROD1.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. Display a list of all tasks in the CICSplex.

From the current view, issue the command TASK. The TASK view, showing the status of all tasks in the current scope, PLXPROD1, is displayed:

```

COMMAND ==>>
CURR WIN ==>> 1          ALT WIN ==>>
>w1 =TASK=====PLXPROD1=PLXPROD1=26MAR1999====CPSM=====21
CMD Task  CICS      Tran Run User      Term LU Name  Unit of Work Id  Pri Tran
--- Num-- System-- ID-- Sta ID----- ID-- -----  -----  --- Class
      23 CICSIPA03 CONL RUN MS3A          828724D61FFE0001 255 00
      23 CICSIPA04 CONL RUN MS4A          82872F4701790001 255 00
      25 CICSIPA01 CONL RUN MS1A          8286F48104090001 255 00
      25 CICSIPA02 CONL RUN MS2A          828762970A100001 255 00
      28 CICSIPA04 COI0 SUS MS4A          8287326E71A30001 255 00
      29 CICSIPA04 CONM SUS MS4A          8287330C8DCA0001 255 00
      30 CICSIPA01 COI0 SUS MS1A          8286F85B336B0001 255 00
      30 CICSIPA02 COI0 SUS MS2A          82876748A5B40001 255 00
      30 CICSIPA03 COI0 SUS MS3A          828757C428FE0001 255 00
      30 CICSIPA04 CONM SUS MS4A          8287330DE7FF0001 255 00
      31 CICSIPA01 CONM SUS MS1A          8286F9BF2FF0001 255 00
      31 CICSIPA02 CONM SUS MS2A          828768265F690001 255 00
      31 CICSIPA03 CONM SUS MS3A          82875901DD2E0001 255 00
      31 CICSIPA04 CONM SUS MS4A          8287330EB91B0001 255 00
      32 CICSIPA01 CONM SUS MS1A          8286F9C8BEE70001 255 00
      32 CICSIPA02 CONM SUS MS2A          82876827888A0001 255 00
      32 CICSIPA03 CONM SUS MS3A          8287597285100001 255 00
      32 CICSIPA04 COIE DIS MS4A          82873344BD840001 255 00

```

For a more complete description of the TASK view, see “TASK – Tasks” on page 267 .

- Summarize the list of tasks by transaction ID.  
 To find out how many tasks are associated with transaction CONL, type SUM in the COMMAND field, move the cursor to any entry in the Tran ID column, and press Enter. The TASKS view, showing the TASK data summarized by Tran ID (with one summary line for each), is displayed.  
 The Count column for transaction CONL tells you how many tasks are associated with that transaction throughout the CICSplex.

---

## Identifying the tasks associated with a transaction

In this example, you’ll see how to identify the tasks associated with an instance of transaction CONL in CICSplex PLXPROD1.

- If the current context isn’t PLXPROD1, issue the command CON PLXPROD1 from the current view.
- Display a list of all tasks in the CICSplex.  
 From the current view, issue the command TASK. The TASK view, showing the status of all tasks in the current scope, is displayed:

```

COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =TASK=====PLXPROD1=PLXPROD1=26MAR1999==21:22:07====CPSM=====21
CMD Task  CICS      Tran Run User      Term LU Name  Unit of Work Id  Pri Tran
--- Num-- System-- ID-- Sta ID----- ID-- -----
      23 CICS0A03 CONL RUN MS3A          828724D61FFE0001 255 00
      23 CICS0A04 CONL RUN MS4A          82872F4701790001 255 00
      25 CICS0A01 CONL RUN MS1A          8286F48104090001 255 00
      25 CICS0A02 CONL RUN MS2A          828762970A100001 255 00
      28 CICS0A04 COI0 SUS MS4A          8287326E71A30001 255 00
      29 CICS0A04 CONM SUS MS4A          8287330C8DCA0001 255 00
      30 CICS0A01 COI0 SUS MS1A          8286F85B336B0001 255 00
      30 CICS0A02 COI0 SUS MS2A          82876748A5B40001 255 00
      30 CICS0A03 COI0 SUS MS3A          828757C428FE0001 255 00
      30 CICS0A04 CONM SUS MS4A          8287330DE7FF0001 255 00
      31 CICS0A01 CONM SUS MS1A          8286F9BF2FF0001 255 00
      31 CICS0A02 CONM SUS MS2A          828768265F690001 255 00
      31 CICS0A03 CONM SUS MS3A          82875901DD2E0001 255 00
      31 CICS0A04 CONM SUS MS4A          8287330EB91B0001 255 00
      32 CICS0A01 CONM SUS MS1A          8286F9C8BEE70001 255 00
      32 CICS0A02 CONM SUS MS2A          82876827888A0001 255 00
      32 CICS0A03 CONM SUS MS3A          8287597285100001 255 00
      32 CICS0A04 COIE DIS MS4A          82873344BD840001 255 00

```

3. Make a note of the Unit of Work Id of the transaction.  
 Assume that you are interested in transaction CONL in CICS system CICS0A01, for which the Unit of Work Id is 8286F48104090001.
4. Summarize the list of tasks by Unit of Work Id.  
 Type SUM in the COMMAND field, move the cursor to any entry in the Unit of Work Id column, and press Enter. The TASKS view, showing the TASK data summarized by Unit of Work Id, is displayed. The Count field tells you how many tasks are associated with the unit of work.
5. Display the list of tasks associated with the Unit of Work Id.  
 In the TASKS view, move the cursor to the Count field in the row that relates to Unit of Work ID 8286F48104090001, and press Enter. The TASK view, listing all tasks relating to the unit of work, is displayed. The view includes the instance of transaction CONL in CICS system CICS0A01.

---

## Relating a set of tasks to a user ID

In this example, you'll see how to identify the tasks associated with particular user ID.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. Display a list of all tasks in the CICSplex.  
 From the current view, issue the command TASK. The TASK view, showing the status of all tasks in the current scope, is displayed:

```

COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =TASK=====PLXPROD1=PLXPROD1=26MAR1999==21:22:07====CPSM=====21
CMD Task  CICS      Tran Run User      Term LU Name  Unit of Work Id  Pri Tran
--- Num-- System-- ID--  Sta ID----- ID-- -----  -----  --- Class
      23 CICS0A03 CONL RUN MS3A      828724D61FFE0001 255 00
      23 CICS0A04 CONL RUN MS4A      82872F4701790001 255 00
      25 CICS0A01 CONL RUN MS1A      8286F48104090001 255 00
      25 CICS0A02 CONL RUN MS2A      828762970A100001 255 00
      28 CICS0A04 COI0 SUS MS4A      8287326E71A30001 255 00
      29 CICS0A04 CONM SUS MS4A      8287330C8DCA0001 255 00
      30 CICS0A01 COI0 SUS MS1A      8286F85B336B0001 255 00
      30 CICS0A02 COI0 SUS MS2A      82876748A5B40001 255 00
      30 CICS0A03 COI0 SUS MS3A      828757C428FE0001 255 00
      30 CICS0A04 CONM SUS MS4A      8287330DE7FF0001 255 00
      31 CICS0A01 CONM SUS MS1A      8286F9BF2FF0001 255 00
      31 CICS0A02 CONM SUS MS2A      828768265F690001 255 00
      31 CICS0A03 CONM SUS MS3A      82875901DD2E0001 255 00
      31 CICS0A04 CONM SUS MS4A      8287330EB91B0001 255 00
      32 CICS0A01 CONM SUS MS1A      8286F9C8BEE70001 255 00
      32 CICS0A02 CONM SUS MS2A      82876827888A0001 255 00
      32 CICS0A03 CONM SUS MS3A      8287597285100001 255 00
      32 CICS0A04 COIE DIS MS4A      82873344BD840001 255 00

```

- Summarize the list of tasks by User ID.  
Type SUM in the COMMAND field, move the cursor to any entry in the User ID column, and press Enter. The TASKS view, showing the TASK data summarized by user ID, is displayed:

```

26MAR1999 21:24:01 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =TASK=====TASKS=====PLXPROD1=PLXPROD1=26MAR1999==21:22:07====CPSM=====4
CMD Task  CICS      Count Tran Running  User      Term Unit of Work Id  Pri
--- Number- System-- ----- ID-- Status----- ID----- ID-- -----  ---
      32 CICS0A04      6 CO** ***** MS4A      82873344BD840001 255
      33 CICS0A01      5 CO** ***** MS1A      8286FB35428F0001 255
      33 CICS0A02      5 CO** ***** MS2A      828768872BE10001 255
      33 CICS0A03      5 CO** ***** MS3A      828759CCD42F0001 255

```

- For a more complete description of the TASKS view, see “TASKS – Tasks summary” on page 273. The Count column tells you how many tasks are associated with each user ID.
- Display a list of tasks associated with a single user ID.  
Move the cursor to the Count field of the user ID MS2A, and press Enter. The TASK view, showing details of each task associated with user ID MS2A, is displayed.

## Checking the status of a terminal

This example shows some of the ways in which you can check the status of a terminal.

If you know the terminal ID, the task is very simple. For example, if you want to know the current status of terminal 994, issue the command `TERMNL 994` from the current view. The `TERMNL` view, showing information about terminal 994 in the current scope, is displayed:

```

26MAR1999 21:29:06 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TERMNL=====PLXPROD1=PLXPROD1=26MAR1999==21:29:05====CPSM=====2
CMD Term CICS      Netname Acquire Service  ATI TTI Cre User   Tran
--- ID-- System--  ----- Status-- Status---- --- -- Ses ID----- ID--
-994 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-994 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF

```

For a more complete description of the TERMNL view, see “TERMNL – Terminals” on page 325.

The TERMNL view shows the status of each terminal for each CICS system it is logged on to: if a terminal is logged on to three CICS systems, it has three entries in the TERMNL view.

If you don't have the terminal ID, you can:

1. Display the status of all terminals.

From the current view, issue the command TERMNL. The TERMNL view, showing the status of terminals within the current scope, is displayed:

```

26MAR1999 21:29:06 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =TERMNL=====PLXPROD1=PLXPROD1=26MAR1999==21:29:05====CPSM=====160
CMD Term CICS      Netname Acquire Service  ATI TTI Cre User   Tran
--- ID-- System--  ----- Status-- Status---- --- -- Ses ID----- ID--
-990 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-990 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-991 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-991 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-992 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-992 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-993 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-993 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-994 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-994 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-995 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-995 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-996 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-996 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-997 CICSPA01 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-997 CICSPA04 CICSPA05 RELEASED OUTSERVICE YES YES YES DAVEJEF
-998 CICSPA01 CICSPA05 RELEASED INSERVICE YES YES YES DAVEJEF
-998 CICSPA04 CICSPA05 RELEASED INSERVICE YES YES YES DAVEJEF

```

As you can see from this example, the TERMNL view command without parameters can return a lot of data, and you have to search for entries relating to the terminal you're interested in.

2. Organize the list of terminals by user ID.

If you don't know the terminal ID, but are interested in terminals related to a particular user ID, you can extract the relevant subset of TERMNL data. For example, if you want to see TERMNL data for user ID USRPAY2, type the command LOCATE USRPAY2 in the COMMAND field of the TERMNL view, position the cursor in the User ID column, and press Enter. Entries for USRPAY2 move to the top of the view.

## Checking the status of a communications link

This example shows some of the ways in which you can check the status of a communications link.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. Display a list of all connections.

From the current view, issue the command CONNECT. The CONNECT view, showing details of all connections in the current scope, is displayed:

```

26MAR1999 18:20:19 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =CONNECT=====PLXPROD1=PLXPROD1=26MAR1999==18:20:19====CPSM=====10
CMD Conn CICS      CONN Netname Connect  Service Pending
--- ID-- System-- Type ----- Status---- Status---- Status----
1A1B CICSIPA01 LU62 CICSIPA05 RELEASED INSERVICE NOTPENDING
1A2A CICSIPA01 MRO  CICSIPA02 NOTAPPLIC INSERVICE NOTAPPLIC
1A3A CICSIPA01 MRO  CICSIPA03 NOTAPPLIC INSERVICE NOTAPPLIC
2A1A CICSIPA02 MRO  CICSIPA01 NOTAPPLIC INSERVICE NOTAPPLIC
2A4A CICSIPA02 MRO  CICSIPA04 NOTAPPLIC INSERVICE NOTAPPLIC
3A1A CICSIPA03 MRO  CICSIPA01 NOTAPPLIC INSERVICE NOTAPPLIC
3A4A CICSIPA03 MRO  CICSIPA04 NOTAPPLIC INSERVICE NOTAPPLIC
4A1B CICSIPA04 LU62 CICSIPA05 RELEASED INSERVICE NOTPENDING
4A2A CICSIPA04 MRO  CICSIPA02 NOTAPPLIC INSERVICE NOTAPPLIC
4A3A CICSIPA04 MRO  CICSIPA03 NOTAPPLIC INSERVICE NOTAPPLIC
  
```

For a more complete description of the CONNECT view, see “CONNECT – ISC/MRO connections” on page 18.

3. Display details of a single connection.

Move the cursor to the entry for the connection you're interested in (in this example, connection 1A1B), and press Enter. The CONNECTD view, showing detailed information for the connection 1A1B, is displayed:

```

26MAR1999 18:20:38 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =CONNECT=CONNECTD==PLXPROD1=PLXPROD1=26MAR1999==10:08:30====CPSM=====1
Connect ID....      1A1B CICS System... CICSIPA01 Function Ships
Type.....          LU62 Sys Conn Type.      N/A File Control.      0
Access Method.     VTAM AIDS.....          0 Intvl Control        0
Protocol.....      APPC Max Primaries.     0 Trans Data...        0
Netname.....       CICSIPA05 Max Secondary. 0 Temp Storage.        0
Connect Stat..     RELEASED Max Bids.....   0 DL/I.....            0
Service Stat..     INSERVICE Non Spec Aids. 0 Terminal Share       0
Pending Stat..     NOTPENDING Concurrent Bid 0 Failed Links..       0
Auto Conn Stat     AUTOCONN ATIs By Primry  0 Failed Other..       0
Exit Trace.....    NO ATIs By Scndry        0 # Recv Sess...       N/A
Exchange Stat.     NOTAPPLIC Bids Sent.....  0 # Send Sess...       N/A
ZCP Trace.....     NO Outstand Alloc        0
                   Rejt Ext Alloc          N/A
                   # of Allocates          0
                   # Allocates Qd           0
  
```

For a more complete description of the CONNECTD view, see “CONNECTD – ISC/MRO connection details” on page 22.

You can narrow down the search with a variety of parameters. If you know the name of the connection, you can use that to qualify the CONNECT view command. For example, CONNECT 1A1B limits the search to connection 1A1B. If you know the name of the connection *and* of the CICS system in which it is

located, you can go directly to the CONNECTD view. For example, you can issue the command CONNECTD 1A1B CICSPA01 from any view.

## Finding out which CICS systems a file is available to

This example shows how to identify the CICS systems that are able to use a particular file.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. Display a list of local files.

From the current view, issue the command LOCFILE PAYFILE1. The LOCFILE view, showing all local files called PAYFILE1 in the current scope, is displayed:

```

26MAR1999 17:24:33 ----- INFORMATION DISPLAY -----
COMMAND ==>>
CURR WIN ==>> 1          ALT WIN ==>>
>W1 =LOCFILE=====PLXPROD1=PLXPROD1=26MAR1999==17:24:33====CPSM=====12
CMD File      CICS      Enabled  Open   Add Bro Del Rea Upd LSR Dataset
--- ID----- System-- Status--- Status Opt Opt Opt Opt Opt --- Name-----
PAYFILE1 CICS PF01 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF02 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF03 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF04 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF05 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF06 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF07 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF08 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF09 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF0A UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF0B UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF0C UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR

```

For a more complete description of the LOCFILE view, see “LOCFILE – Local files” on page 142.

In this example, the scope is the CICSplex itself, and so all files with an ID of PAYFILE1 available to all CICS systems belonging to CICSplex PLXPROD1 are listed.

Note that you don't have to use specific file names. You can use generic names (names with wildcard characters in them). For example, if you issue the command LOCFILE PAYFILE\* from the current view, you might see something like this:

```

26MAR1999 17:24:33 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =LOCFILE=====PLXPROD1=PLXPROD1=26MAR1999==17:24:33====CPSM=====17
CMD File      CICS      Enabled  Open   Add Bro Del Rea Upd LSR Dataset
--- ID----- System-- Status--- Status Opt Opt Opt Opt Opt --- Name-----
PAYFILE1 CICS PF01 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF02 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF03 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF04 ENABLED   CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF05 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF06 ENABLED   OPEN   YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF07 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF08 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF09 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF0A UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF0B UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE1 CICS PF0C UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE2 CICS PF0C ENABLED   OPEN   YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE4 CICS PF0C UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILE5 CICS PF03 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILEA CICS PF03 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR
PAYFILEB CICS PF03 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR

```

## Correlating local and remote file names

In this example, you'll see how to relate the name by which a particular file is known in a local CICS system to the name by which it is known in a remote CICS system.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. Display a list of remote-file definitions.

From the current view, issue the command REMFILE. The REMFILE view, showing remote-file definitions installed in the current scope, is displayed:

```

26MAR1999 17:23:27 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =REMFILE=====PLXPROD1=PLXPROD1=26MAR1999==17:23:27====CPSM=====2
CMD File      CICS      Remote  Rem
--- ID----- System-- Name---- Sysid
PAYFILER CICS PA01 PAYFILE1 AF01
PAYFILER CICS PA02 PAYFILE1 AF01

```

For a more complete description of the REMFILE view, see "REMFILE – Remote files" on page 156.

You can learn several things from this REMFILE view:

- You can see that two remote-file definitions are installed in CICSplex PLXPROD1, and that the file ID is PAYFILER in both CICSPA01 and CICSPA02.
- In the CICS systems in which these are *local* files, they are both known as PAYFILE1.
- The CICS systems in which these files are known as PAYFILE1 are connected to via connection AF01. (This latter value is referred to as the "remote sysid", but in fact it is a connection ID.)

3. Display a list of the CICS systems connected to via AF01.



To find out the name of the remote CICS system connected to via connection AF01, issue the command `CONNECT AF01` from the current view. The `CONNECT` view, showing the CICS systems connected via AF01, is displayed:

```

26MARI999 17:23:40 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
W1 =CONNECT=====PLXPROD1=PLXPROD1=26MARI999==17:23:40===CPSM=====1
CMD Conn CICS  CONN Netname Connect  Service  Pending
--- ID-- System-- Type ----- Status---- Status---- Status----
AF01 CICS0A01 LU62 CICS0A01 ACQUIRED  INSERVICE NOTPENDING
AF01 CICS0A02 LU62 CICS0A01 ACQUIRED  INSERVICE NOTPENDING
AF01 CICS0A03 LU62 CICS0A01 ACQUIRED  INSERVICE NOTPENDING

```

From this view, you can see that the remote system is CICS0A01. (In fact, you might not need to display the `CONNECT` view at all. A good naming convention will tell you what you need to know. For example, you can see immediately that connection AF01 connects to CICS system CICS0A01.)

4. Change the scope.

The next step is to look at all local files called `PAYFILE1` in the remote CICS system CICS0A01. First, you must change the scope, so that any data you get back from CICSplex SM relates only to CICS0A01. To do this, issue the command `SCO CICS0A01`.

5. Display a list of local files.

Issue the command `LOCFILE PAYFILE1` from the current view. The `LOCFILE` view, showing files called `PAYFILE1` in CICS system CICS0A01, is displayed:

```

26MARI999 17:24:33 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =LOCFILE=====PLXPROD1=CICS0A01=26MARI999==17:24:33===CPSM=====1
CMD File  CICS  Enabled  Open  Add Bro Del Rea Upd LSR Dataset
--- ID----- System-- Status--- Status Opt Opt Opt Opt Opt --- Name-----
PAYFILE1 CICS0A01 UNENABLED CLOSED YES YES YES YES YES 01 PP.PAYROLL.MSTR

```

## Finding out which data set a program came from in a specified CICS system

This example shows how to identify the data set from which a particular instance of a program originated.

1. If the current context isn't `PLXPROD1`, issue the command `CON PLXPROD1` from the current view.
2. Display detailed information about a program in a specified CICS system.

From the current view, issue the command `PROGRAMD PRGPAYR1 CICS0A01`. This command tells CICSplex SM that you want to see detailed information about program `PRGPAYR1` in CICS system CICS0A01. (Notice that the CICS system CICS0A01 is in the current scope, but that this command doesn't *change* the current scope.) The `PROGRAMD` view is displayed:

```

26MAR1999 20:28:00 ----- INFORMATION DISPLAY -----
COMMAND ==>>                                SCROLL ==>> PAGE
CURR WIN ==>> 1          ALT WIN ==>>
W1 =PROGRAM==PROGRAMD=EYUPLX01=EYUPLX01=26MAR1999==20:25:05====CPSM=====1
Program Name.  DFHACP CICS System...  EYUMASIA Curr Use Cnt          1
Load Address.  043E5000 Exec Key.....  CICSEXECKEY Tot Use Cnt.      1
Entry Point..  843E5020 Execution Set.  FULLAPI Use In Intvl       1
Length.....   7328 Mirror Tranid.      AFF Newcopy Cnt.           0
Enable Status  ENABLED Shared Status.    PRIVATE Removed Cnt.       1
COBOL Type... NOTAPPLIC Current Loc...  ECDSA RPL Number..        0
Usage.....    PROGRAM Held Status...    NOHOLD Remote Name.
CEDF Option.. NOCEDF Fetch Time... 00:00:00.00 Remote Sysid
Data Location  ANY Avg Fetch Time 00:00:00.00 Copy Required NOTREQUIRED
Dynam Status..NOTDYNAMIC Concurrency... THREADSAFE Runtime.....   JVM
JVM Class....  JVM Debug.....         DEBUG

```

For a more complete description of the PROGRAMD view, see “PROGRAMD – Program details” on page 203.

3. Display a list of data sets for the CICS system.

Note that the RPL Number value in the PROGRAMD view is 1. Move the cursor to the RPL Number field and press Enter. The RPLLISTD view, showing the Relocatable Program Library (DFHRPL) dataset concatenation for CICSPA01 is displayed:

```

26MAR1999 17:25:11 ----- INFORMATION DISPLAY -----
COMMAND ==>>                                SCROLL ==>> PAGE
CURR WIN ==>> 1          ALT WIN ==>>
W1 =RPLLISTD=====PLXPROD1=PLXPROD1=26MAR1999==17:25:11====CPSM=====5
CMD RPL CICS  Dataset
--- Num System-- Name-----
  0 CICSPA01 PP.CICS330.SDFHLOAD
  1 CICSPA01 PP.PAYROLL.NEWAPPL.VERSION.LOADLIB
  2 CICSPA01 PP.PAYROLL.APPL.LOADLIB
  3 CICSPA01 PP.PLI.V230.PLILINK
  4 CICSPA01 PP.PLI.V230.SIBMLINK

```

For a more complete description of the RPLLISTD view, see “RPLLISTD – DFHRPL data set details” on page 210.

From this RPLLISTD view, you can see that RPL Number 1 relates to data set PP.PAYROLL.NEWAPPL.VERSION.LOADLIB. This type of information is useful in determining which version of a program is running in any particular CICS system.

---

## Finding out why a CICSplex SM event occurred

This example (which is also included in *CICSplex SM Managing Resource Usage*) shows you how to investigate what caused a real-time analysis event notification to be issued.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. Display a list of events.

From the current view, issue the command EVENT. The EVENT view, showing outstanding events in the current scope, is displayed:

```

COMMAND ===>                                SCROLL ===> PAGE
CURR WIN ===> 1          ALT WIN ===>
W1=EVENT=====PLXPROD1=PLXPROD1=26MAR1999==18:29:26====CPSM=====2
CMD Name      Target  Sev Pri Type Dtl View      Resource  Key
-----
RTDPAY01 CICSPT01 VHS   1 MRM YES CONNECT
RTDPAY02 CICSPT01 VHS   1 MRM YES CONNECT

```

For a more complete description of the EVENT view, see *CICSplex SM Managing Resource Usage*.

3. Display the details of the event you are interested in.

Suppose that you are interested in event RTDPAY01. Move the cursor to the Dtl column for event RTDPAY01, and press Enter. The EVENTDTL view is displayed:

```

26MAR1999 16:50:35 ----- INFORMATION DISPLAY -----
COMMAND ===>                                SCROLL ===> PAGE
CURR WIN ===> 1          ALT WIN ===>
>W1 =EVENTDTL=====PLXPROD1=PLXPROD1=26MAR1999==16:50:35====CPSM=====1
CMD EVALDEF  Sev Table      Instance Evaluation View      Data Value
-----
RTEPAY01 VHS CONNECT *          CONNSTATUS  CONNECT  RELEASED

```

For a more complete description of the EVENTDTL view, see *CICSplex SM Managing Resource Usage*.

From the Evaluation Column, you can see that the CONNSTATUS value of this connection has triggered the event, and that its current value is RELEASED. This might tell you all you need to know. If it doesn't, you can investigate further as described in the remaining steps of this example.

4. Look at the associated evaluation definition.

To get more information about the evaluation definition that has triggered this event, move the cursor to the RTEPAY01 entry in the EVALDEF column and press Enter. The EVENTDTD view is displayed:

```

26MAR1999 17:13:48 ----- INFORMATION DISPLAY -----
COMMAND ===>                                SCROLL ===> PAGE
CURR WIN ===> 1          ALT WIN ===>
>W1 =EVENTDTL=EVENTDTD=PLXPROD1=PLXPROD1=26MAR1999==17:13:46====CPSM=====1
Event Name.. RTDPAY01 VHS value..
EVALDEF Name RTEPAY01 Table Name... CONNECT HS value..
Target..... PLXPROD1 Instance Patt * HW value..
State..... TRUE Eval Column.. CONNSTATUS LW value..
Severity... VHS Eval Column.. NE LS value..
Date..... 26MAR1999 VLS value..
Time..... 17:13:39 Eval Value
Set Action.. ANY Data Value
Sample Rate. 30 Key.....
View..... CONNECT
Type..... VALUE
Resource.... CONNECT

```

For a more complete description of the EVENTDTD view, see *CICSplex SM Managing Resource Usage*.

From the EVENTDTD view, you can see that event RTDPAY01 is triggered when the value of the CONNSTATUS column in the CONNECT table is not ACQUIRED. (The Eval Operator value is NE (meaning “not equal to”); the Eval Value is ACQUIRED; and the Eval Column is CONNSTATUS).

Next, you could look at the CONNECT view. However, it’s a good idea to open another window first, so that you can see the CONNECT view and the EVENTDTD view at the same time.

5. Open a second window.

To open a second window, type HS in the COMMAND field, move the cursor approximately halfway down the screen, and press Enter. Window T2 appears, and the current window is now window 2:

```

26MAR1999 17:13:48 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 2      ALT WIN ==>
>W1 =EVENTDTL=EVENTDTD=PLXPROD1=PLXPROD1=26MAR1999==17:13:46===CPSM=====1
Event Name..      RTDPAY01                      VHS value..
EVALDEF Name     RTEPAY01 Table Name...    CONNECT HS value..
Target.....      PLXPROD1 Instance Patt      * HW value..
State.....       TRUE Eval Column..    CONNSTATUS LW value..
Severity...      VHS Eval Operator          NE LS value..
Date.....        26MAR1999                      VLS value..
Time.....        17:13:39                      Eval Value
Set Action..     ANY                          Data Value
Sample Rate..    30                          Key.....
View.....        CONNECT
Type.....        VALUE
Resource....     CONNECT

T2 =====

```

6. Set the scope of the second window.

Issue the command SCO CICSPT01 to set the scope of window 2 to CICS system CICSPT01.

7. Display a list of connections for CICS system CICSPT01.

Issue the command CONNECT \*. The CONNECT view, showing all connections defined to CICSPT01, is displayed in window 2:

```

26MAR1999 17:13:48 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 2          ALT WIN ==>
>W1 =EVENTDTL=EVENTDTD=PLXPROD1=PLXPROD1=26MAR1999==17:13:46===CPSM=====1
Event Name..      RTDPAY01          VHS value..
EVALDEF Name     RTEPAY01 Table Name...   CONNECT HS value..
Target.....     PLXPROD1 Instance Patt * HW value..
State.....      TRUE Eval Column.. CONNSTATUS LW value..
Severity....     VHS Eval Operator   NE LS value..
Date.....       26MAR1999          VLS value..
Time.....       17:13:39          Eval Value
Set Action..     ANY          Data Value
Sample Rate..    30          Key.....
View.....       CONNECT
Type.....       VALUE
Resource....    CONNECT

W2 =CONNECT=====PLXPROD1=CICSPT01=26MAR1999==17:27:27===CPSM=====2
CMD Conn CICS     CONN Netname Connect Service Pending
--- ID-- System-- Type ----- Status---- Status---- Status----
AA01 CICSPT01 LU62 CICSSPA01 RELEASED  INSERVICE NOTPENDING
AA02 CICSPT01 LU62 CICSSPA02 ACQUIRED   INSERVICE NOTPENDING
AA03 CICSPT01 LU62 CICSSPA03 ACQUIRED   INSERVICE NOTPENDING

```

From the CONNECT view in window 2, you can see that connection AA01 is RELEASED, and that this triggered event RTDPAY01.

---

## Disabling a transaction in a single CICS system

This example shows you how to disable transaction PAY1 in CICS system CICSSPA01. (CICSSPA01 is in the CICSplex PLXPROD1, which is the current scope.) There are several ways of doing this.

For example, you can:

1. List all local transactions.

From the current view, issue the command LOCTRAN. The LOCTRAN view, showing all local transactions in the current scope (PLXPROD1), is displayed.

2. Disable a single instance of the transaction.

Issue the command DIS PAY1 CICSSPA01. The LOCTRAN view shows the status value of transaction PAY1 in CICS system CICSSPA01 as DISABLED.

or you can:

1. List all instances of the transaction.

Issue the command LOCTRAN PAY1. The LOCTRAN view, listing all instances of transaction PAY1 in the current scope, is displayed.

2. Disable a single instance of the transaction.

Tab to the entry for transaction PAY1 in CICS system CICSSPA01, and either:

- Overtyping ENABLED with DISABLED. (If simple overtyping is not supported in your environment, you might have to type SET in the line-command field of the CICSSPA01 entry before pressing Enter.)

or

- Issue the command DIS from the line-command field.

or you can:

1. Change the scope to a single CICS system.

Issue the command SCO CICSPA01. The window information line confirms that the scope is now CICS system CICSPA01.

- List all local transactions.

Issue the command LOCTRAN. The LOCTRAN view, showing all transactions in the current scope (CICSPA01), is displayed.

- Disable the transaction.

Issue the command DIS PAY1. The LOCTRAN view shows the status value of transaction PAY1 as DISABLED.

## Disabling a transaction globally

This example shows how to disable a single transaction throughout a scope.

- If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
- List all instances of the transaction.

From the current view, issue the command LOCTRAN PAY1. The LOCTRAN view, listing all local transactions called PAY1 in the current scope, is displayed:

```

26MAR1999 15:15:58 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =LOCTRAN=====PLXPROD1=PLXPROD1=26MAR1999==15:15:57====CPSM=====3
CMD Tran CICS   Enabled Use   Program Pri TranCls Purge   Dmp Rout
--- ID-- System-- Status-- Count   Name-----
PAY1 CICSPA01 ENABLED   0 PRGPAYR1 1       0 NOTPURGEABLE YES DYNA
PAY1 CICSPA02 ENABLED   0 PRGPAYR1 1       0 NOTPURGEABLE YES DYNA
PAY1 CICSPA03 ENABLED   0 PRGPAYR1 1       0 NOTPURGEABLE YES DYNA

```

For a more complete description of the LOCTRAN view, see “LOCTRAN – Local transactions” on page 336.

- Summarize the list of transaction instances.

As you can see from the LOCTRAN view, PAY1 is installed in three CICS systems in CICSplex PLXPROD1. You could disable those instances of PAY1 individually, but that approach can be inefficient, particularly when you have many more occurrences of a resource than are shown here. The alternative is to *summarize* the resources, and then to apply any disabling action to the summary line.

To summarize the three occurrences of PAY1, type SUM in the COMMAND field, then move the cursor to any of the PAY1 entries in the Tran ID column and press Enter. The LOCTRANS view is displayed:

```

26MAR1999 15:15:02 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>W1 =LOCTRAN==LOCTRANS=PLXPROD1=PLXPROD1=26MAR1999==15:15:02====CPSM=====1
CMD Tran CICS   Count Enabled Use   Program Pri TranCls Purge   Dm
--- ID-- System-- Status-- Count   Name-----
PAY1 CICSPA0* 3 ENABLED   0 PRGPAYR1 1       0 NOTPURGEABLE YE

```

For a more complete description of the LOCTRANS view, see “LOCTRANS – Local transactions summary” on page 342.

The count field shows the number of occurrences of transaction PAY1 in the current scope.

- Disable the transaction globally.

To disable every occurrence of transaction PAY1 represented in this summary line, issue DIS from the line-command field for transaction PAY1. When you press Enter, the Status value changes from ENABLED to DISABLED:

```

26MAR1999 15:15:02 ----- INFORMATION DISPLAY -----
COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
>WI =LOCTRAN==LOCTRANS=PLXPROD1=PLXPROD1=26MAR1999==15:15:02===CPSM=====1
CMD Tran CICS      Count Enabled Use      Program Pri TranC1s Purge      Dm
--- ID-- System-- ----- Status-- Count   Name----- -----
PAY1 CICS*PA0*     3  DISABLED      0 PRGPAYR1 1          0 NOTPURGEABLE YE

```

The LOCTRANS view confirms that transaction PAY1 is now disabled throughout the current scope.

---

## Finding out which resources are being monitored in a CICS system

This example (which is also included in *CICSplex SM Managing Resource Usage*) shows you how to find out which types of resource are being monitored in CICS system CICS\*PA01.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. Change the scope.  
Issue the command SCO CICS\*PA01 from the current view.
3. Display a list of active monitor definitions in the current scope.

Issue the command MONACTV from the current view. The MONACTV view, showing active monitor definitions in CICS system CICS\*PA01, is displayed:

```

COMMAND ==>
CURR WIN ==> 1          ALT WIN ==>
WI =MONACTV=====PLXPROD1=PLXPROD1=26MAR1999==19:33:12===CPSM=====2
CMD Def      CICS      Status Active Resource Resource Include RODM
--- Name----- System-- ----- Period-- Name----- Type--- ----- Pop
MODPAY01 CICS*PA01 ACTIVE          PAY1      MTRAN   YES    NO
MODPAY02 CICS*PA01 ACTIVE      PDFPRIME PAY*    MPROG   YES    NO

```

For a more complete description of the MONACTV view, see *CICSplex SM Managing Resource Usage*.

---

## Deactivating a workload definition

This example (which is also included in *CICSplex SM Managing Workloads*) shows you how to deactivate a workload definition.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1.
2. Display active workload definitions.

From the current view, issue the command WLMAWDEF WLSPAY01. The WLMAWDEF view, showing active workload definitions associated with workload specification WLSPAY01, is displayed:

```

26MAR1999 22:10:58 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
>W1 =WLMWDEF=====PLXPROD1=PLXPROD1=26MAR1999==22:10:58=CPSM=====3===
CMD Name Workload Ownr Trngrp Luname Userid AOR Descrip
----- Scope-----
WLDAPY01 WLSPAY01 CM1B TRGPAY01 * * CICSPA02 Separat
WLDAPY02 WLSPAY01 CM1B TRGPAY02 * USRPAY03 CICSPA03 Separat
WLDAPY03 WLSPAY01 CM1B TRGPAY03 * * CSGTGTS1 TRGPAY0

```

### 3. Discard workload definition WLDAPY02.

In the WLMWDEF view, move the cursor to the entry for WLDAPY02, and issue DSC from the line-command field. The Discard Active Workload Definition panel is displayed. To confirm the deactivation of WLDAPY02, press Enter. The WLMWDEF view is displayed, minus the entry for WLDAPY02.

Be aware that, when you deactivate an active workload definition, you also deactivate any transaction groups associated with it if they aren't referenced by another workload definition in the same workload. See the description of the WLMWDEF view in the *CICSplex SM Managing Workloads* manual for more information about this.

## Discarding an active transaction from a workload

This example shows you how to discard an active transaction from a workload.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1.
2. Display active transactions.

From the current view, issue the command WLMATRAN EYUWLS02. The WLMATRAN view, showing active transactions associated with workload specification EYUWLS02, is displayed:

```

26MAR1999 22:11:42 ----- INFORMATION DISPLAY -----
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =WLMATRAN=====PLXPROD1=PLXPROD1=26MAR1999==22:11:42=CPSM=====9===
CMD Transid PCONV Trngrp Workload Ownr
--- Mode- -----
PAY1 EYUTRG04 EYUWLS02 CM1B
PAY2 EYUTRG04 EYUWLS02 CM1B
PAY3 EYUTRG04 EYUWLS02 CM1B
PAY4 EYUTRG04 EYUWLS02 CM1B
PZY1 EYUTRG03 EYUWLS02 CM1B
PZY2 EYUTRG03 EYUWLS02 CM1B
PZY3 EYUTRG03 EYUWLS02 CM1B

```

### 3. Discard transaction PAY2.

In the WLMATRAN view, move the cursor to the entry for PAY2, and issue DSC from the line-command field. The Discard Active Workload Transaction panel is displayed. To confirm the discard, press Enter. The WLMATRAN view is displayed, minus the entry for PAY2.



---

## Glossary

This glossary defines CICSplex SM terms and abbreviations used in this book with other than their everyday meaning. Terms that are defined in the *IBM Dictionary of Computing*, New York: McGraw-Hill, 1994, are not defined here unless CICSplex SM usage is different from the meaning given there.

If you cannot find the definition you need, refer to the *Dictionary of Computing* or the *CICSplex SM Master Index*, SC33-1812.

### A

**action command.** A CICSplex SM command that affects one or more of the resources represented in a view. Action commands can be issued from either the COMMAND field in the control area of the information display panel or the line command field in a displayed view. Valid action commands are listed with the description of each view. See also *overtime field*.

**action definition (ACTNDEF).** In real-time analysis, a definition of the type of external notification that is to be issued when the conditions identified in an analysis definition are true.

**activity.** See *BTS activity*.

**adjacent CMAS.** A CICSplex SM address space (CMAS) that is connected to the local CMAS via a direct CMAS-to-CMAS link. Contrast with *indirect CMAS*. See also *local CMAS*.

**alter expression.** A character string that defines the changes to be made to a resource attribute. An alter expression is made up of one or more attribute expressions.

**alternate window.** A window to which the results of a hyperlink can be directed. By default, the results of a hyperlink are displayed in the same window from which the hyperlink is initiated. Contrast with *current window*.

**alternate window (ALT WIN) field.** In the control area of an information display panel, the field in which you can specify an alternate window to receive the results of a hyperlink.

**analysis definition.** In real-time analysis, a definition of the evaluations to be performed on specified CICS resources, the intervals at which those evaluations are to be performed, and the actions to be taken when a notifiable condition occurs.

**analysis group.** In real-time analysis, a group of one or more analysis definitions, status definitions, or both. Analysis definitions and status definitions must belong to an analysis group if they are to be installed automatically in a CICS system when that system starts.

**analysis point monitoring (APM).** In real-time analysis, resource monitoring across multiple CICS systems within a CICSplex that results in a single notification of a condition, rather than one notification for each system. Contrast with *MAS resource monitoring*.

**analysis point specification.** In real-time analysis, a specification that identifies the CMASs that are to be responsible for analysis point monitoring.

**analysis specification.** In real-time analysis, a specification that establishes system availability monitoring or MAS resource monitoring within a group of CICS systems.

**AOR.** Application-owning region.

**API.** Application programming interface

**APM.** Analysis point monitoring.

**application-owning region (AOR).** In a CICSplex configuration, a CICS region devoted to running applications. For dynamic routing, the terms *requesting region*, *routing region*, and *target region* are used instead of AOR to signify the role of the region in the dynamic routing request.

**ARM.** Automatic restart manager.

**ASU.** Automatic screen update.

**attribute.** See *resource attribute*, *resource table attribute*.

**attribute expression.** A reference to a resource table attribute and, in some cases, its value. Attribute expressions are used to build filter expressions, modification expressions, and order expressions.

**attribute value.** The data currently associated with a resource table attribute. For example, the file attribute OPENSTATUS might have a value of CLOSED.

**automatic restart manager (ARM).** A recovery function of MVS/ESA 5.2 that provides improved availability for batch jobs and started tasks by restarting them automatically if they end unexpectedly. The affected batch job or started task can be restarted on the same system or on a different one, if the system itself has failed.

**automatic screen update (ASU).** A CICSplex SM facility that automatically updates the data in all unlocked windows at user-defined intervals. See also *automatic screen update interval*.

**automatic screen update interval.** The time interval between one automatic screen update and the next. This interval can be set in the CICSplex SM user profile or when the ASU facility is turned on. See also *automatic screen update (ASU)*.

## B

**BAS.** Business Application Services

**batched repository-update facility.** A CICSplex SM facility, invoked from the CICSplex SM end user interface, for the bulk application of CICSplex SM definitions to a CMAS data repository.

**BTS.** CICS business transaction services

**BTS activity.** One part of a process managed by CICS BTS. Typically, an activity is part of a *business transaction*.

**BTS process.** A collection of more than one CICS BTS activities. Typically, a process is an instance of a *business transaction*.

**BTS set.** See CICS system group

**business application.** Any set of CICS resources that represent a meaningful entity to an enterprise or a user (such as, Payroll).

**Business Application Services (BAS).** The component of CICSplex SM that provides the ability to define and manage business applications in terms of their CICS resources and associated CICS systems. BAS provides a central definition repository for CICS systems, complete with installation facilities and the ability to restrict a CICSplex SM request to those resources defined as being part of the business application. See also *business application, scope*.

**business transaction.** A self-contained business function, for example, the booking of an airline ticket.

## C

**CAS.** Coordinating address space.

**CBIPO.** Custom-built installation process offering.

**CBPDO.** Custom-built product delivery offering.

**CEDA.** A CICS transaction that defines resources online. Using CEDA, you can update both the CICS system definition data set (CSD) and the running CICS system.

**CICS Business Transaction Services (BTS).** A CICS domain that supports an application programming interface (API) and services that simplify the development of *business transactions*.

**CICS system.** The entire collection of hardware and software required by CICS. In CICSplex SM topology, a definition referring to a CICS system that is to be managed by CICSplex SM. See also *CICSplex, CICS system group*.

**CICS system group.** A set of CICS systems within a CICSplex that can be managed as a single entity. In CICSplex SM topology, the user-defined name, description, and content information for a CICS system group. A CICS system group can be made up of CICS systems or other CICS system groups. In CICS business transaction services (BTS), a BTS set, that is the set of CICS regions across which BTS processes and activities may execute. See also *CICSplex, CICS system*.

**CICSplex.** A CICS complex. A CICSplex consists of two or more CICS regions that are linked using CICS intercommunication facilities. The links can be either intersystem communication (ISC) or interregion communication (IRC) links, but within a CICSplex are more commonly IRC. Typically, a CICSplex has at least one terminal-owning region (TOR), more than one application-owning region (AOR), and may have one or more regions that own the resources being accessed by the AORs. In CICSplex SM, a management domain. The largest set of CICS regions, or CICS systems, to be manipulated by CICSplex SM as a single entity. CICS systems in a CICSplex being managed by CICSplex SM do not need to be connected to each other. See also *CICS system, CICS system group*.

**CICSplex SM.** IBM CICSplex System Manager.

**CICSplex SM address space (CMAS).** A CICSplex SM component that is responsible for managing CICSplexes. A CMAS provides the single-system image for a CICSplex by serving as the interface to other CICSplexes and external programs. There must be at least one CMAS in each MVS image on which you are running CICSplex SM. A single CMAS can manage CICS systems within one or more CICSplexes. See also *coordinating address space (CAS), managed application system (MAS)*.

**CICSplex SM token.** Unique, 4-byte values that CICSplex SM assigns to various elements in the API environment. Token values are used by CICSplex SM to correlate the results of certain API operations with subsequent requests.

**client program.** In dynamic routing, the application program, running in the *requesting region*, that issues a remote link request.

**CMAS.** CICSplex SM address space.

**CMAS link.** A communications link between one CICSplex SM address space (CMAS) and another CMAS or a remote managed application system (remote MAS). CMAS links are defined when CICSplex SM is configured.

**CODB.** A CICSplex SM transaction for interactive, system-level debugging of CMASs and of CICS/ESA, CICS/MVS, and CICS/VSE MASs. CODB must be used only at the request of customer support personnel.

**COD0.** A CICSplex SM transaction for interactive, method-level debugging of CMASs and of CICS/ESA, CICS/MVS, CICS/VSE, and CICS for OS/2 MASs. COD0 must be used only at the request of customer support personnel.

**COLU.** A CICSplex SM transaction for generating reports about CMAS and local MAS components. COLU must be used only at the request of customer support personnel.

**COMMAND field.** In the control area of an information display panel, the field that accepts CICSplex SM, ISPF, and TSO commands. Contrast with *option field*.

**command-level interface.** A CICSplex SM API interface that uses the CICS translator to translate EXEC CPSM statements into an appropriate sequence of instructions in the source language.

**Common Services.** A component of CICSplex SM that provides commonly requested services (such as GETMAIN, FREEMAIN, POST, and WAIT processing) to other CICSplex SM components.

**communication area (COMMAREA).** A CICS area that is used to pass data between tasks that communicate with a given terminal. The area can also be used to pass data between programs within a task.

**Communications.** A component of CICSplex SM that provides all services for implementing CMAS-to-CMAS and CMAS-to-MAS communication.

**context.** A named part of the CICSplex SM environment that is currently being acted upon by CICSplex SM. For configuration tasks, the context is a CICSplex SM address space (CMAS); for all other tasks, it is a CICSplex. See also *scope*.

**control area.** The top three lines of an information display panel, containing the panel title, the screen update time, the short message area, the COMMAND and SCROLL fields, and the current window (CUR WIN) and alternate window (ALT WIN) fields.

**coordinating address space (CAS).** An MVS subsystem that provides ISPF end-user access to the CICSplex to be accessed. See also *CICSplex SM address space, managed application system (MAS)*.

**coordinating address space subsystem ID.** Identifies the coordinating address space (CAS) which can be up to 4 characters, to be connected to when issuing CICSplex SM requests. The name of the CAS is installation-dependent, and is defined in the CICSplex SM user profile.

**cross-system coupling facility (XCF).** XCF is a component of MVS that provides functions to support cooperation between authorized programs running within a sysplex.

**current window.** The window to which the results of all commands issued in the COMMAND field are directed, unless otherwise requested. Contrast with *alternate window*.

**current window (CUR WIN) field.** In the control area of an information display panel, the field that contains the window number of the current window. You can change the number in this field to establish a new current window.

**custom-built installation process offering (CBIPO).** A product that simplifies the ordering, installation, and service of MVS system control programs and licensed programs by providing them with current updates and corrections to the software that is already integrated.

**custom-built product delivery offering (CBPDO).** A customized package of both products and service, or of service only, for MVS system control programs and licensed programs.

## D

**Data Cache Manager.** A component of CICSplex SM that manages logical cache storage for use by other CICSplex SM components.

**data repository.** In CICSplex SM, the VSAM data set that stores administrative data, such as topology and monitor definitions, for a CICSplex SM address space (CMAS).

**Data Repository.** A component of CICSplex SM that provides methods for creating, accessing, updating, and deleting data in the CICSplex SM data repository. See also *Managed Object Services*.

**Database Control (DBCTL).** An IMS/ESA facility providing an interface between CICS/ESA and IMS/ESA that allows access to IMS DL/I full-function databases and to data-entry databases (DEDBs) from one or more CICS/ESA systems.

**Database 2 (DB2).** An IBM licensed program. DB2 is a full-function relational database management system that presents a data structure as a table consisting of a number of rows (or records) and a number of columns.

**DBCTL.** Database Control.

**DB2.** Database 2.

**derived field.** On a monitor view, a field whose value does not come directly from CICS or CICSplex SM data, but is calculated based on the values in other fields. See also *derived value*.

**derived value.** A rate, average, or percentage that results from CICSplex SM processing of CICS statistics.

**display area.** On an information display panel, the area where windows can be opened to display data. The display area appears below the control area. The bottom two lines of the display area can be used to display the PF key assignments in effect for a CICSplex SM session.

**display attributes.** A CICSplex SM user profile option that controls the appearance of the window information line, field headings, and threshold values in a view.

**display command.** A CICSplex SM command that extends the ISPF interface to create and control a multiwindow environment.

**distributed program link (DPL).** Function of CICS intersystem communication that enables CICS to ship LINK requests between CICS regions.

**distributed routing program (DSRTPGM).** A CICS-supplied user-replaceable program that can be used to dynamically route:

- CICS BTS processes and activities
- Transactions started by non-terminal related EXEC CICS START commands

**DPL.** Distributed program link.

**DTR.** Dynamic transaction routing.

**dynamic routing.** The automatic routing of a transaction or program, at the time it is initiated, from a requesting region to a suitable target region. Routing terminal data to an alternative transaction at the time the transaction is invoked. To do this, CICS allows the dynamic routing program to intercept the terminal data and redirect it to any system and transaction it chooses. See also dynamic routing program (EYU9XLOP)

**dynamic routing program (EYU9XLOP).** A user-replaceable CICS program that selects dynamically both the system to which a routing request is to be sent and the transaction's remote name. The alternative to using this program is to make these selections when a remote transaction is defined to CICS (static routing). See also *static routing*

**dynamic transaction routing (DTR).** The automatic routing of a transaction, at the time it is initiated, from a transaction-owning region (TOR) to a suitable application-owning region (AOR).

## E

**Environment Services System Services (ESSS).** A component of CICSplex SM that implements the formal MVS/ESA subsystem functions required by the product. ESSS provides cross-memory services, data space management, connection services, and lock management. An ESSS system address space is created at CICSplex SM initialization and remains in the MVS image for the life of the IPL.

**ESSS.** Environment Services System Services.

**evaluation definition.** In real-time analysis, a definition of the resources that are to be sampled. When the result of an evaluation is true, an associated analysis definition is used to determine whether a notifiable condition has occurred.

**event.** A significant occurrence within the CICSplex or system for which the user has requested notification. For example, the end of processing, a subsystem failure, or any unusual condition in the system could be defined by a user as an event.

**event notification.** A CICSplex SM notification of a significant occurrence within a CICSplex or CICS system.

**extended diagnostic mode (XDM).** A CICSplex SM online internal diagnostic facility. XDM provides no information about resources managed by CICSplex SM, and should be turned on only at the request of IBM customer support personnel. XDM can be turned on and off in the CICSplex SM user profile.

**external notification.** In RTA, an event notification, generic alert, or operator message issued when a notifiable condition occurs.

## F

**file-owning region.** In a CICSplex configuration, a CICS system devoted to managing CICS file access.

**filter expression.** A character string that consists of logical expressions to be used in filtering resource table records. A filter expression is made up of one or more attribute expressions.

**FOR.** File-owning region.

**form.** The way in which data obtained from a query is presented in a view. See also *query, view*.

## G

**generic alert.** A Systems Network Architecture (SNA) Network Management Vector that enables a product to signal a problem to the network. CICSplex SM uses generic alerts as part of its interface to NetView.

**GMFHS.** Graphic Monitor Facility host subsystem.

**goal algorithm.** In CICSplex SM's workload balancing, an algorithm used to select an AOR to process a dynamic transaction. Using the goal algorithm, CICSplex SM selects the AOR that is the least affected by conditions such as short-on-storage, SYSDUMP, and TRANDUMP; is the least likely to cause the transaction to abend; and is most likely to enable the transaction to meet response-time goals set for it using the Workload Manager component of MVS/ESA SP 5.1. Contrast with *queue algorithm*.

**Graphic Monitor Facility host subsystem.** A NetView feature that manages configuration and status updates for non-SNA resources.

## H

**hyperlink.** A direct connection between the data in one CICSplex SM view and a view containing related information. For example, from a view that lists multiple CICS resources, there may be a hyperlink to a detailed view for one of the resources. To use a hyperlink, place the cursor in the data portion of a hyperlink field and press Enter.

**hyperlink field.** On a CICSplex SM view, a field for which a hyperlink is defined. The headings of hyperlink fields are shown in high intensity or color, depending on the terminal type.

## I

**IBM CICSplex System Manager for MVS/ESA (CICSplex SM).** An IBM CICS system-management product that provides a single-system image and a single point of control for one or more CICSplexes that can be installed on heterogeneous operating systems.

**indirect CMAS.** A CICSplex SM address space (CMAS) that the local CMAS can communicate with via an adjacent CMAS. There is no direct CMAS-to-CMAS link between the local CMAS and an indirect CMAS. Contrast with *adjacent CMAS*. See also *local CMAS*.

**information display panel.** The panel that supports the CICSplex SM window environment. It consists of a control area and a display area. CICSplex SM views are displayed in windows within the display area of this panel.

**information display parameters.** A CICSplex SM user profile option that defines the initial screen configuration, how frequently the screen will be updated by ASU, and how long a window will wait for command processing to complete before timing out.

**installation verification procedure (IVP).** A procedure distributed with a system that tests the newly

generated system to verify that the basic facilities of the system are functioning correctly.

**interregion communication.** Synonym for *multiregion operation*.

**intersystem communication (ISC).** Communication between separate systems by means of SNA networking facilities or by means of the application-to-application facilities of an SNA access method.

**intertransaction affinity.** A relationship between CICS transactions, usually the result of the ways in which information is passed between those transactions, that requires them to execute in the same CICS region. Intertransaction affinity imposes restrictions on the dynamic routing of transactions.

**IRC.** Interregion communication.

**ISC.** Intersystem communication.

**IVP.** Installation verification procedure.

## K

**Kernel Linkage.** A component of CICSplex SM that is responsible for building data structures and managing the interfaces between the other CICSplex SM components. The environment built by Kernel Linkage is known as the method call environment.

## L

**line command field.** In a CICSplex SM view, the 3 character field, to the left of the data, that accepts action commands.

**local CMAS.** The CICSplex SM address space (CMAS) that a user identifies as the current context when performing CMAS configuration tasks.

**local MAS.** A managed application system (MAS) that resides in the same MVS image as the CICSplex SM address space (CMAS) that controls it and that uses the Environment Services System Services (ESSS) to communicate with the CMAS.

**logical scope.** A set of logically related CICS resources that are identified in a CICSplex SM resource description. A logical scope can be used to qualify the context of a CICSplex SM request.

## M

**maintenance point.** A CICSplex SM address space (CMAS) that is responsible for maintaining CICSplex SM definitions in its data repository and distributing them to other CMASs involved in the management of a CICSplex. See also *data repository*.

**Major object descriptor block (MODB).** In CICSplex SM, a control structure built by Kernel Linkage during initialization of a CICSplex SM component that contains a directory of all methods that make up that component. The structure of the MODB is the same for all components.

**Major object environment block (MOEB).** In CICSplex SM, a control structure built by Kernel Linkage during initialization of a CICSplex SM component and pointed to by the MODB. The MOEB stores information critical to a CICSplex SM component and anchors data used by the component. The structure of the MOEB is unique to the component it supports.

**MAL.** Message argument list.

**managed application system (MAS).** A CICS system that is being managed by CICSplex SM. See *local MAS*, *remote MAS*.

**managed object.** A CICSplex SM-managed CICS resource or a CICSplex SM definition represented by a resource table. A view is based on a single managed object.

**Managed Object Services.** A subcomponent of the Data Repository component of CICSplex SM that translates a request for data (from real-time analysis, for example) into the method calls required to obtain the data.

**MAS.** Managed application system.

**MAS agent.** A CICSplex SM component that acts within a CICS system to provide monitoring and data collection for the CICSplex SM address space (CMAS). The level of service provided by a MAS agent depends on the level of CICS the system is running under and whether it is a local or remote MAS. See also *CICSplex SM address space (CMAS)*, *local MAS*, *remote MAS*.

**MAS resource monitoring (MRM).** In real-time analysis, resource monitoring at the CICS system level; it results in one notification of a condition for each system in which it occurs. If the same condition occurs in three CICS systems where MAS resource monitoring is active, three notifications are issued. Contrast with *analysis point monitoring*.

**Message argument list (MAL).** In CICSplex SM, a data structure passed between methods using Kernel Linkage method call services.

**message line.** On an information display panel, the line in the control area where a long message appears when the HELP command is issued in response to a short message. The message line temporarily overlays the CURR WIN and ALT WIN fields.

**Message Services.** A component of CICSplex SM that provides services for building and issuing MVS/ESA console messages to other CICSplex SM components.

**meta-data.** Internal data that describes the structure and characteristics of CICSplex SM managed objects.

**method.** (Action.) An application programming interface (API) instruction that resolves into an EXEC CICS command, issued against one or more resources in one or more CICS systems, within the current context and scope.

**method.** In CICSplex SM, one of the programs that make up a CICSplex SM component. See also *message argument list (MAL)*.

**mirror transaction.** CICS transaction that recreates a request that is function shipped from one system to another, issues the request on the second system, and passes the acquired data back to the first system.

**MODB.** Major object descriptor block.

**modification expression.** A character string that defines the changes to be made to a resource attribute. A modification expression is made up of one or more attribute expressions.

**MOEB.** Major object environment block.

**monitor definition.** A user-defined statement of the specific resource occurrences (such as the program named PAYROLL) to be monitored by CICSplex SM. A monitor definition can either be linked to a monitor specification as part of a monitor group or be installed directly into an active CICS system. See also *monitor group*, *monitor specification*.

**monitor group.** A user-defined set of CICSplex SM monitor definitions that can either be linked to a monitor specification for automatic installation or be installed directly into an active CICS system. See also *monitor definition*, *monitor specification*.

**monitor interval.** The number of minutes that are to elapse before the statistics counters containing accumulated resource monitoring data are automatically reset. This value is part of a CICSplex definition and affects all of the CICS systems and CICS system groups associated with that CICSplex. See also *period definition*, *sample interval*.

**monitor specification.** A user-defined statement of the types of resources (such as programs) to be monitored by CICSplex SM and how often data should be collected. A monitor specification is associated with a CICS system and is automatically installed each time the CICS system starts up. See also *monitor definition*, *monitor group*.

**Monitoring Services.** A component of CICSplex SM that is responsible for monitoring resources within a

CICS system and making the collected data available to other CICSplex SM components.

**MRM.** MAS resource monitoring.

**MRO.** Multiregion operation.

**MSM.** MultiSystem Manager.

**multiregion operation (MRO).** Communication between CICS systems without the use of SNA network facilities. Synonymous with *interregion communication*.

**MultiSystem Manager.** An object-oriented, graphical systems management application that runs under NetView for MVS.

**MVS image.** A single instance of the MVS operating system.

**MVS system.** An MVS image together with its associated hardware.

## N

**NetView.** An IBM network management product that can provide rapid notification of events and automated operations. CICSplex SM can be set up to send generic alerts to NetView as part of its event processing capabilities.

**NetView Graphic Monitor Facility (NGMF).** A function of the NetView program that provides the network operator with a graphic topological presentation of a network controlled by the NetView program and that allows the operator to manage the network interactively.

**NetView program.** An IBM licensed program used to monitor and manage a network and to diagnose network problems.

**NGMF.** NetView Graphic Monitor Facility.

**notification.** A message that is generated asynchronously by a CICSplex SM managed object to describe an event related to the object.

## O

**option field.** On a CICSplex SM menu, the field in which you can specify an option number or letter. Contrast with *command field*.

**order expression.** A character string that defines either the attributes to be used in sorting resource table records, or the attributes to be included in a resource table view. An order expression is made up of one or more attribute expressions.

**override expression.** A character string that defines the changes to be made to a resource attribute. An override expression is made up of one or more attribute expressions.

**overtyping field.** On a CICSplex SM view, a field containing a value that can be changed by typing a new value directly into the field. Values that can be overtyped are shown in high intensity or color, depending on the terminal type. Acceptable values for overtype fields are listed with the description of each view. See also *action command*.

## P

**parameter expression.** A character string that defines the parameters required for an action to complete or a definition to be processed.

**parameter repository.** In CICSplex SM, a data set that stores cross-system communication definitions that allow one coordinating address space (CAS) to communicate with other CASs.

**period definition.** A user-defined range of hours and minutes and the time zone to which that range applies. A period definition is used to indicate when an action, such as resource monitoring, is to occur. See also *monitor interval*, *sample interval*.

**PlexManager.** A service utility that can be used to manage the communication connections between multiple coordinating address spaces (CASs) and between a CAS and its associated CICSplex SM address spaces (CMASs) and CICSplexes.

**process.** See *BTS process*

**processing thread.** A connection between an application program and the CICSplex SM API. A program can establish multiple processing threads, but each one is considered a unique API user; no resources can be shared across the boundary of a thread.

**pseudoconversation.** A CICS application designed to appear to the user as a continuous conversation, but that consists internally of multiple separate tasks.

## Q

**query.** A request for specific data that is generated by a view command. See also *form*, *view*.

**queue algorithm.** In CICSplex SM's workload balancing, an algorithm used to select an AOR to process a dynamic transaction. Using the queue algorithm, CICSplex SM selects the AOR that has the shortest queue of transactions (normalized to MAXTASKs) waiting to be processed; is the least affected by conditions such as short-on-storage,

SYSDUMP, and TRANDUMP; and is the least likely to cause the transaction to abend. Contrast with *goal algorithm*.

**Queue Manager.** A component of CICSplex SM that creates and manages queues of data in a cache that is shared by a CMAS and its local MASs.

## R

**RACF.** Resource Access Control Facility.

**real-time analysis (RTA).** A component of CICSplex SM that is responsible for monitoring the status of a CICS system or resource against its desired status, and issuing one or more external notifications when deviations occur.

**record pointer.** An internal indicator of the next resource table record to be processed in a result set.

**related scope.** A CICS system where resources defined to CICSplex SM as remote should be assigned and, optionally, installed as local resources. See also *target scope*.

**remote MAS.** A managed application system (MAS) that uses MRO or LU 6.2 to communicate with the CICSplex SM address space (CMAS) that controls it. A remote MAS may or may not reside in the same MVS image as the CMAS that controls it.

**requesting region.** The region in which a dynamic routing request originates. For dynamic transaction routing and inbound client dynamic program link requests, this is typically a TOR; for dynamic START requests and peer-to-peer dynamic program link requests, this is typically an AOR.

**resource.** Any physical or logical item in a CICS system, such as a transient data queue, a buffer pool, a file, a program, or a transaction.

**Resource Access Control Facility (RACF).** An IBM licensed program that provides for access control by identifying and verifying the users to the system, authorizing access to protected resources, logging any detected unauthorized attempts to enter the system, and logging the detected accesses to protected resources.

**resource assignment.** A user-defined statement that selects resource definitions to be assigned to CICS systems and, optionally, specifies resource attributes to override those definitions. A resource assignment applies to a single resource type and must be associated with a resource description. See also *resource definition*, *resource description*.

**resource attribute.** A characteristic of a CICS resource, such as the size of a buffer pool.

**resource definition.** In CICSplex SM, a user-defined statement of the physical and operational characteristics of a CICS resource. Resource definitions can be associated with resource descriptions as part of a resource group. See also *resource description*, *resource group*.

**resource description.** A user-defined set of CICSplex SM resource definitions that can be automatically installed in CICS systems and named as a logical scope for CICSplex SM requests. Resource descriptions represent the largest set of CICS resources that can be managed by CICSplex SM as a single entity. A resource description can be associated with one or more resource assignments. See also *logical scope*, *resource assignment*, *resource definition*.

**resource group.** A user-defined set of CICSplex SM resource definitions. A resource group can be associated with resource descriptions either directly or by means of resource assignments. See also *resource assignment*, *resource definition*, *resource description*.

**Resource Object Data Manager (RODM).** A component of the NetView program that operates as a cache manager and that supports automation applications. RODM provides an in-memory cache for maintaining real-time data in an address space that is accessible by multiple applications.

**resource table.** The external representation of a CICSplex SM managed object. A resource table defines all the attributes, or characteristics, of a managed object.

**resource table attribute.** A characteristic of a CICSplex SM managed object, as represented by a field in a resource table.

**resource type.** A group of related resources, such as files.

**result set.** A logical group of resource table records that can be accessed, reviewed, and manipulated by an API program.

**retention period.** For a monitored CICS system, the period of time for which monitor data is retained after the system becomes inactive. If a system is being monitored, becomes inactive, and remains inactive beyond the specified retention period, the monitor data is discarded. If the system becomes active before the retention period expires, the monitor data gathered before the system became inactive is retained, and monitoring continues.

**RODM.** Resource Object Data Manager.

**routing region.** The region in which the decision is made as to which is the most suitable target region for a dynamic routing request. For dynamic transaction routing, dynamic terminal-related START requests, and inbound client dynamic program link requests, this is



typically a TOR; for non-terminal-related START requests, dynamic peer-to-peer program link requests, and CICS BTS activities, this is typically an AOR.

**RTA.** real-time analysis.

**run-time Interface.** A CICSplex SM API interface that accepts commands in the form of text strings and generates the appropriate API calls. The run-time interface supports programs written as REXX EXECs.

## S

**SAM.** System availability monitoring.

**sample interval.** The duration, in seconds, between occurrences of data collection for a specific resource type. See also *monitor interval*, *period definition*, *resource type*.

**scope.** A named part of the CICSplex SM environment that qualifies the context of a CICSplex SM request. The scope can be the CICSplex itself, a CICS system, a CICS system group, or any set of CICS resources that are defined as a logical scope in a CICSplex SM resource description. For configuration tasks, where the context is a CICSplex SM address space (CMAS), the scope is ignored. When you are applying security, scope must be a single CICS system or CICSplex. It cannot be a CICS system group or any combination of individual CICSplexes or CICS systems. See also *context*, *logical scope*.

**screen configuration.** A user-defined, named layout of windows and the context, scope, view, and sort order associated with each. The initial configuration to be displayed when CICSplex SM is accessed can be identified on the user profile.

**screen repository.** In CICSplex SM, a data set that stores screen configuration definitions created by the SAVESCR display command. See also *screen configuration*.

**selection list.** In CICSplex SM, a data set that stores cross-system communication definitions that allow one coordinating address space (CAS) to communicate with other CASs.

**selection list.** A list of named items, such as views or screen configurations, from which one can be selected.

**server program.** In dynamic routing, the application program specified on the link request, and which is executed in the *target region*.

**service point.** One of the combinations of products and contexts that is known to the coordinating address space (CAS) to which you are connected. See also *context*.

**session control parameters.** A CICSplex SM user profile option that sets the coordinating address space

(CAS) subsystem ID used for accessing CICSplex SM views and controls the extended diagnostic mode (XDM).

**short message area.** In the control area of an information display panel, that part of the title line that displays short messages.

**single point of control.** The ability to access and manage all CICS systems and their resources in a CICSplex from a single terminal or user session.

**single system image.** The collection and presentation of data about multiple CICS systems as though they were a single CICS system. In CICSplex SM, the single-system image is provided by the CICSplex SM address space (CMAS).

**specification.** See *analysis specification*, *monitor specification*, *workload specification*.

**Starter Set.** A part of CICSplex SM comprising sample CICSplex SM definitions and sample JCL. The Starter Set samples may be used as supplied for educational purposes. They may also be copied and adapted for the customer environment.

**static routing.** Non-dynamic routing. The routing request is routed to a predetermined system. Static transaction routing occurs when NO is specified in the Dynamic field in either the transaction definition or the program definition. In both cases, the request is routed to the system named in the Remote Sysid field.

**status definition.** In real-time analysis, a definition of a user-written program to be invoked at specified intervals to evaluate the status of a non-CICS resource.

**summarized result set.** A special type of result set that is produced by grouping, or summarizing, the resource table records in a result set. See also *result set*.

**summary expression.** A character string that consists of one or more summary options and the resource table attributes to which they apply. See also *summary option*.

**summary option.** A value that indicates how the attribute values in a resource table are to be summarized.

**sysplex.** A set of MVS systems communicating and cooperating with each other through specific multisystem hardware components and software services to process customer workloads.

**system availability monitoring (SAM).** In real-time analysis, the monitoring of CICS systems to determine whether: they are active during their defined hours of operation; they are experiencing a short-on-storage, SYSDUMP, TRANDUMP, MAXTASK, or STALL condition. If a CICS system becomes inactive or one of the specified conditions occurs, an external notification is issued.

**system image.** The representation of a program and its related data as it exists in main storage.

## T

**target region.** The region selected from a set of target regions as the most suitable region in which to execute the work request. For all dynamic routing requests, this is typically an AOR.

**target scope.** A CICS system or CICS system group where resources defined to CICSplex SM should be assigned and, optionally, installed. See also *related scope*.

**temporary maintenance point.** A CICSplex SM address space (CMAS) that serves as the maintenance point when the identified maintenance point is unavailable. See also *maintenance point*.

**terminal-owning region.** In a CICSplex configuration, a CICS region devoted to managing the terminal network. For dynamic routing, the terms *requesting region* and *routing region* are used instead of TOR to signify the role of the region in the dynamic routing request.

**thread.** See *processing thread*.

**time-period definition.** A user-defined range of hours and minutes, and the time zone to which that range applies. A time-period definition is used to indicate when an action, such as resource monitoring, is to occur.

**token.** See *CICSplex SM token, user token*.

**topology.** An inventory of CICS and CICSplex SM resources, and a map of their relationships. CICSplex SM supports the definition of resource and system topology.

**topology definition.** A named subset of CICS and CICSplex SM resources. Topology definitions are user-created and can include CICSplexes, CICS systems, and CICS system groups.

**Topology Services.** A component of CICSplex SM that is responsible for maintaining topology information about CICSplexes and resources, and making it available to other CICSplex SM components.

**TOR.** Terminal-owning region.

**Trace Services.** A component of CICSplex SM that provides other CICSplex SM components with the ability to write trace records to the CICS trace table and trace data sets. Trace Services also writes trace records created by a MAS to the trace table and data set of the managing CMAS.

**transaction group.** A user-defined, named set of transactions that determines the scope of workload balancing and the affinity relationships between transactions.

## U

**user token.** Unique, 1- to 4-byte values that an API user can assign to asynchronous requests. User token values are not used by CICSplex SM; they are simply held until the request is complete and then returned to the user.

## V

**view.** In the CICSplex SM API, a temporary, customized form of a resource table. A view can consist of some or all of the resource table attributes in any order. In the CICSplex SM ISPF end-user interface, a formatted display of selected data about CICS resources or CICSplex SM definitions. The data in a view is obtained from a query and can be presented in one or more forms. The data can be limited to a subset of CICSplex resources or definitions by establishing a context and scope.

**view command.** A CICSplex SM command that displays a view in a window of the display area. The name of the view displayed matches the name of the view command. See also *view*.

## W

**window.** In CICSplex SM, a subdivision of the display area. The results of any CICSplex SM view or display command are directed to a single window, which is the current window by default. Contrast with *view*. See also *current window, alternate window*.

**window identifier.** On a window information line, the field that identifies the window. A window identifier consists of a one-character status code and a number in the range 1 through 20.

**window information line.** The top line of each window in the display area. It includes the window identifier, the name of the view displayed in the window, the context and scope in effect, the date and time when the view was last refreshed, and the product name.

**window number.** A number assigned by CICSplex SM to a window when it is opened. The window number is the second part of the window identifier on the window information line.

**window status code.** A one-character code that indicates whether a window is ready to receive commands, is busy processing commands, is not to be updated, or contains no data. It also indicates when an

error has occurred in a window. The window status code is the first character of the window identifier on the window information line.

**WLM.** Workload Manager.

**workload.** The total number of transactions that a given CICSplex is intended to process in a specific period. For example, a workload could be expressed as a number of transactions per hour, or per day. In CICSplex SM, a named set of transactions and CICS systems, acting as requesting regions, routing regions, and target regions that form a single, dynamic entity.

**workload balancing.** The technique of balancing a workload across multiple target regions that are capable of processing the work.

**workload definition.** A user-defined statement of the transaction groups associated with a CICS system that is an AOR. A workload definition can either be linked to a workload specification as part of a workload group or be installed directly into an active workload. See also *workload group*, *workload specification*.

**workload group.** A user-defined set of CICSplex SM workload definitions that can either be linked to a workload specification for automatic installation or be installed directly into an active workload. See also *workload definition*, *workload specification*.

**Workload Manager (WLM).** A component of CICSplex SM that is responsible for managing the transaction workload in a CICSplex through the use of dynamic transaction routing.

**workload separation.** The technique of separating a workload into discrete parts, and allocating specific transactions to specific AORs.

**workload specification.** A user-defined statement that identifies a workload and a set of CICS systems acting as AORs. A workload specification also provides default management criteria for transactions that are not defined to CICSplex SM. It is associated with a CICS system that is a TOR and is automatically installed each time the CICS system starts up. See also *workload definition*, *workload group*.

## X

**XCF.** Cross-system coupling facility of MVS/ESA.

**XDM.** Extended diagnostic mode



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