CICS® Transaction Server for OS/390®

CICSPlex® SM Operations Views Reference

Release 3

SC33-0789-04

CICS® Transaction Server for OS/390®

CICSPlex® SM Operations Views Reference

Release 3

SC33-0789-04

Note!
Before using this information and the product it supports, be sure to read the general information under “Notices” on page ix.

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® System Manager (CICSPlex SM) element of CICS® Transaction Server for OS/390® Release 3. It describes the CICSPlex SM views that can be used in an MVS Enterprise Systems Architecture SP® (MVS/ESA®) environment to monitor and control multiple CICS systems.

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

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.

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.

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.

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, overtype fields, and hyperlink fields that are available. Each section of a view description is clearly identified by appropriate headers. Action commands, overtype fields, and hyperlink fields are presented in a tabular format. If there are no action commands, overtype fields, or hyperlink fields for a view, this is indicated by the word ″None.″

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 for VSE/ESA 2.3

- CICS for OS/2 3.1
- CICS for OS/2 3.0

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 2.2
- CICS/OS2 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	Yes	Yes	Yes
CICS for VSE/ESA 2.2	No	Yes	Yes
CICS for OS/2 3.1	Yes	No	No
CICS for OS/2 3.0	Yes	Yes	Yes
CICS/OS2 2.0.1	No	Yes	Yes

Bibliography

CICS Transaction Server for OS/390

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

CICS books for CICS Transaction Server for OS/390

General	
CICS Master Index	SC33-1704
CICS User's Handbook	SX33-6104
CICS Transaction Server for OS/390 Glossary (softcopy only)	GC33-1705
Administration	
CICS System Definition Guide	SC33-1682
CICS Customization Guide	SC33-1683
CICS Resource Definition Guide	SC33-1684
CICS Operations and Utilities Guide	SC33-1685
CICS Supplied Transactions	SC33-1686
Programming	
CICS Application Programming Guide	SC33-1687
CICS Application Programming Reference	SC33-1688
CICS System Programming Reference	SC33-1689
CICS Front End Programming Interface User's Guide	SC33-1692
CICS C++ OO Class Libraries	SC34-5455
CICS Distributed Transaction Programming Guide	SC33-1691
CICS Business Transaction Services	SC34-5268
Diagnosis	
CICS Problem Determination Guide	GC33-1693
CICS Messages and Codes	GC33-1694
CICS Diagnosis Reference	LY33-6088
CICS Data Areas	LY33-6089
CICS Trace Entries	SC34-5446
CICS Supplementary Data Areas	LY33-6090
Communication	
CICS Intercommunication Guide	SC33-1695
CICS Family: Interproduct Communication	SC33-0824
CICS Family: Communicating from CICS on System/390	SC33-1697
CICS External Interfaces Guide	SC33-1944
CICS Internet Guide	SC34-5445
Special topics	
CICS Recovery and Restart Guide	SC33-1698
CICS Performance Guide	SC33-1699
CICS IMS Database Control Guide	SC33-1700
CICS RACF Security Guide	SC33-1701
CICS Shared Data Tables Guide	SC33-1702
CICS Transaction Affinities Utility Guide	SC33-1777
CICS DB2 Guide	SC33-1939

CICSPlex SM books for CICS Transaction Server for OS/390

General	
CICSPlex SM Master Index	SC33-1812
CICSPlex SM Concepts and Planning	GC33-0786
CICSPlex SM User Interface Guide	SC33-0788
CICSPlex SM View Commands Reference Summary	SX33-6099
Administration and Management	
CICSPlex SM Administration	SC34-5401
CICSPlex SM Operations Views Reference	SC33-0789
CICSPlex SM Monitor Views Reference	SC34-5402
CICSPlex SM Managing Workloads	SC33-1807
CICSPlex SM Managing Resource Usage	SC33-1808
CICSPlex SM Managing Business Applications	SC33-1809
Programming	
CICSPlex SM Application Programming Guide	SC34-5457
CICSPlex SM Application Programming Reference	SC34-5458
Diagnosis	
CICSPlex SM Resource Tables Reference	SC33-1220
CICSPlex SM Messages and Codes	GC33-0790
CICSPlex SM Problem Determination	GC33-0791

Other CICS books

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

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.

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.
  - RQMODELD, 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.
  - 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.

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*.

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*.

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 xii. However, some views, action commands, or overtype 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 overtype fields for which availability is more limited. The online help for views, action commands, and overtype fields also provides availability information.

availability for CICS releases

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:

```
EYUEIO596E   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	332
AIMODELS	Summary view of the autoinstall terminal models	334
CFDTPOOL	General view of files that have coupling facility data tables associated with them	119
CFDTPOOS	Summary view of files that have coupling facility data tables associated with them	120
CICSDSA	General view of dynamic storage areas (DSAs) within CICS systems	224
CICSDSAD	Detailed view of DSAs within a specific CICS system	226
CICSDSAS	Summary view of DSAs within CICS systems	228
CICSRGN	General view of CICS systems	229
CICSRGND	Detailed view of a specific CICS system	235
CICSRGNS	Summary view of CICS systems	239
CICSRGN2	Detailed view of trace, dump, monitor, and statistics settings for a specific CICS system	242
CICSRGN3	Detailed view of the tasks on a specific CICS system	246
CICSRGN4	Detailed view of the tasks on a specific CICS system	246
CMDT	General view of files that have CICS- or user-maintained data tables associated with them	121

summary of operations views

Table 3. The operations views (continued)

View	Displays	Page
CMDTD	Detailed view of a specific file that has a CICS- or user-maintained data table associated with it	124
CMDTS	Summary view of files that have CICS- and user-maintained data tables associated with them	127
CMDT2	Detailed view of a data table associated with a data table file.	129
CMDT3	Detailed view of statistics associated with a data table file.	131
CONNECT	General view of ISC and MRO connections	20
CONNECTD	Detailed view of a specific ISC or MRO connection	24
CONNECTS	Summary view of ISC and MRO connections	27
DBCTLSS	General view of DBCTL subsystems	48
DBCTLSSS	Summary view of DBCTL subsystems	49
DB2CONN	A general view of DB2 connections	52
DB2CONND	A detailed view of a DB2 connection	54
DB2CONNS	A summary view of DB2 connections	58
DB2NTRY	A general view of DB2 entries	59
DB2NTRYD	A detailed view of a DB2 entry	61
DB2NTRYS	A summary view of DB2 entries	64
DB2SS	General view of DB2 subsystems	50
DB2SSS	Summary view of DB2 subsystems	51
DB2THRD	General view of DB2 threads in use	65
DB2THRDD	Detailed view of a specific DB2 thread in use	67
DB2THRDS	Summary view of DB2 threads in use	68
DB2TRAN	General view of DB2 transactions sharing DB2 threads in use	69
DB2TRANS	Summary view of DB2 transactions sharing DB2 threads in use	71
DB2TRN	A general view of DB2 transactions	72
DB2TRNS	A summary view of DB2 transactions	73
DOCTEMP	General view of the document templates	42
DOCTEMPD	Detailed view of a document template	44
DOCTEMPS	Summary view of document templates	46
DSKJRNL	General view of disk journals	171
DSKJRNLD	Detailed view of a specific disk journal	173
DSKJRNLS	Summary view of disk journals	175
DSNAME	General view of data sets associated with installed CICS files	133
DSNAMED	Detailed view of a specific data set associated with installed CICS files	137
DSNAMES	Summary view of data sets associated with installed CICS files	140
ENQMDL	General view of global enqueue models.	76
ENQMDLD	Detailed view of a single global enqueue model.	78
ENQMDLS	Summary view of global enqueue models.	80
EXITGLUE	General view of CICS/ESA global user exits	84
EXITGLUS	Summary view of CICS/ESA global user exits	85

Table 3. The operations views (continued)

View	Displays	Page
EXITTRUD	Detailed view of a CICS/ESA task-related user exit program	86
EXITTRUE	General view of CICS/ESA task-related user exits	87
EXITTRUS	Summary view of CICS/ESA task-related user exits	88
EXTRATDD	Detailed view of a specific extrapartition transient data queue	369
EXTRATDQ	General view of extrapartition transient data queues	371
EXTRATDS	Summary view of extrapartition transient data queues	374
FECONN	General view of FEPI connections	90
FECONND	Detailed view of a single FEPI connection	92
FECONNS	Summary view of FEPI connections	94
FENODE	General view of FEPI nodes	95
FENODED	Detailed view of a single FEPI node	97
FENODES	Summary view of FEPI nodes	99
FEPOOL	General view of FEPI pools	100
FEPOOLD	Detailed view of a single FEPI pool	103
FEPOOLS	Summary view of FEPI pools	105
FEPROP	General view of FEPI property sets	107
FEPROPD	Detailed view of a single FEPI property set	109
FEPROPS	Summary view of FEPI property sets	111
FETRGT	General view of FEPI targets	112
FETRGTD	Detailed view of a single FEPI target	114
FETRGTS	Summary view of FEPI targets	116
FILE	General view of all CICS files and data tables	143
FILED	Detailed view of a CICS file or data table	145
FILES	Summary view of all CICS files and data tables	146
INDTDQ	General view of indirect transient data queues	376
INDTDQD	Detailed view of a specific indirect transient data queue	378
INDTDQS	Summary view of indirect transient data queues	380
INTRATDD	Detailed view of a specific intrapartition transient data queue	381
INTRATDQ	General view of intrapartition transient data queues	383
INTRATDS	Summary view of intrapartition transient data queues	386
JOURNAL	General view of all CICS journals	177
JOURNALS	Summary view of all CICS journals	179
JRNLMODL	General view of journal models	180
JRNLMODS	Summary view of journal models	182
JRNLNAME	General view of the status of the system log and general logs	185
JRNLNAMS	Summary view of the status of the system log and general logs	187
LOCFILE	General view of local CICS files	147
LOCFILED	Detailed view of a specific local CICS file	150
LOCFILES	Summary view of local CICS files	153
LOCTRAN	General view of local CICS transactions	346

Table 3. The operations views (continued)

View	Displays	Page
LOCTRAND	Detailed view of a specific local CICS transaction	349
LOCTRANS	Summary view of local CICS transactions	351
LSRPBUD	Detailed view of buffer usage for LSR pools	155
LSRPBUF	General view of buffer usage for LSR pools	156
LSRPBUS	Summary view of buffer usage for LSR pools	158
LSRPOOD	Detailed view of a specific LSR pool	159
LSRPOOL	General view of LSR pools	161
LSRPOOS	Summary view of LSR pools	162
MODENAME	General view of LU 6.2 modenames	30
MODENAMS	Summary view of LU 6.2 modenames	32
PARTNER	General view of partner tables	34
PARTNERS	Summary view of partner tables	36
PROCTYP	General view of process types	12
PROCTYPD	Detailed view of a selected process type	14
PROCTYPS	Summary view of process types	16
PROFILE	General view of installed profiles	37
PROFILES	Summary view of installed profiles	39
PROGRAM	General view of programs	210
PROGRAMD	Detailed view of a specific program	213
PROGRAMJ	Detailed view of the JVM Class value for the program.	217
PROGRAMS	Summary view of programs	217
QUEUE	General view of all types of CICS transient data queues	388
QUEUES	Summary view of all types of CICS transient data queues	390
REMFILE	General view of remote CICS files	163
REMFILED	Detailed view of a specific remote CICS file	165
REMFILES	Summary view of remote CICS files	167
REMTDQ	General view of remote transient data queues	391
REMTDQD	Detailed view of a specific remote transient data queue	393
REMTDQS	Summary view of remote transient data queues	394
REMTRAN	General view of remote CICS transactions	353
REMTRAND	Detailed view of a specific remote CICS transaction	355
REMTRANS	Summary view of remote CICS transactions	357
REQID	General view of outstanding timed requests	272
REQIDD	Detailed view of a specific outstanding timed request	273
REQIDS	Summary view of outstanding timed requests	275
RPLLIST	General view of the relocatable program library (DFHRPL) data sets for each CICS system	219
RPLLISTD	Detailed view of the DFHRPL data sets for a specific CICS system	222
RPLLISTS	Summary view of the DFHRPL data sets for each CICS system	222
RQMODEL	General view of request models.	362

Table 3. The operations views (continued)

View	Displays	Page
RQMODELD	Detailed view of a specific request model.	364
RQMODELS	Summary view of request models.	365
SMFJRNL	General view of SMF journals	189
SMFJRNLD	Detailed view of a specific SMF journal	190
SMFJRNLS	Summary view of SMF journals	191
STREAMNM	General view of a currently connected MVS log stream	193
STREAMNS	Summary view of a currently connected MVS log stream	194
SYSDUMP	General view of system dump codes associated with CICS systems	252
SYSDUMPD	Detailed view of a system dump code associated with a CICS system	255
SYSDUMPS	Summary view of system dump codes associated with CICS systems	257
TAPJRNL	General view of tape journals	195
TAPJRNLD	Detailed view of a specific tape journal	197
TAPJRNLS	Summary view of tape journals	199
TASK	General view of currently executing tasks	276
TASKD	Detailed view of a specific currently executing task	279
TASKS	Summary view of currently executing tasks	282
TASK2	Detailed view of a specific task	283
TASK3	Detailed view of the first program invoked for a specific task	285
TASK4	Detailed view of information about request counts.	288
TASK5	Detailed view of information about storage usage.	290
TASK6	Detailed view of information about communication requests.	292
TASK7	Detailed view of statistical information on CICS BTS requests.	294
TASK8	Detailed view of statistical information on the usage of TCP/IP services and activities.	296
TASK9	Detailed view of statistical information on the usage of TCBs and associated CPU/dispatch times.	298
TCPIPS	General view of the TCP/IP service descriptions	302
TCPIPSD	Detailed view of a TCP/IP service description	304
TCPIPSS	Summary view of TCP/IP service descriptions	306
TDQGBL	General view of intrapartition transient data queue usage	395
TDQGBLD	Detailed view of intrapartition transient data queue usage in a specific CICS system	396
TDQGBLS	Summary view of intrapartition transient data queue usage	397
TERMNL	General view of terminals	335
TERMNLD	Detailed view of the execution settings for a specific terminal	338
TERMNLS	Summary view of terminals	341
TERMNL2	Detailed view of the definition settings for a specific terminal	343
TRAN	General view of all CICS transactions	359
TRANDUMD	Detailed view of a transaction dump code associated with a CICS system	259
TRANDUMP	General view of transaction dump codes associated with CICS systems	261

summary of operations views

Table 3. The operations views (continued)

View	Displays	Page
TRANDUMS	Summary view of transaction dump codes associated with CICS systems	264
TRANS	Summary view of all CICS transactions	361
TRNCLS	General view of the transaction classes for CICS systems	266
TRNCLSD	Detailed view of the transaction classes for a specific CICS system	268
TRNCLSS	Summary view of the transaction classes for CICS systems	270
TSMODEL	General view of temporary storage queue models	310
TSMODELD	Detailed view of a temporary storage queue model	312
TSMODELS	Summary view of temporary storage queue models	312
TSPOOL	General view of temporary storage shared pools	315
TSQ	General view of temporary storage queues	316
TSQD	Detailed view of a specific temporary storage queue	318
TSQGBL	General view of temporary storage queue usage	320
TSQGBLD	Detailed view of temporary storage queue usage in a specific CICS system	321
TSQGBLS	Summary view of temporary storage queue usage	322
TSQNAME	General view of non-shared temporary storage queues	312
TSQNAMED	Detailed view of a non-shared temporary storage queue	312
TSQNAMES	Summary view of non-shared temporary storage queues	312
TSQS	Summary view of temporary storage queues	319
TSQSHR	General view of shared temporary storage queues	327
TSQSHRD	Detailed view of shared temporary storage queues	329
TSQSHRS	Summary view of shared temporary storage queues	330
UOWDSNF	General view of shunted units of work	400
UOWDSNFD	Detailed view of a shunted unit of work	401
UOWDSNFS	Summary view of units of work	402
UOWENQ	General view of active and retained enqueues	403
UOWENQD	Detailed view of an enqueue	404
UOWENQS	Summary view of active and retained enqueues	405
UOWLINK	General view of links between units of work and a CICS system or external resource manager	406
UOWLINKD	Detailed view of the connection between a unit of work and a CICS system or external resource manager	408
UOWLINKS	Summary view of connections between a unit of work and CICS systems or external resource managers	409
UOWORK	General view of units of work	410
UOWORKD	Detailed view of a unit of work	412
UOWORKS	Summary view of units of work	414
VOLUME	General view of standard label tape volumes associated with tape journals	201
VOLUMED	Detailed view of a specific tape volume associated with a CICS journal	204

Table 3. The operations views (continued)

View	Displays	Page
VOLUMES	Summary view of standard label tape volumes associated with tape journals	206

summary of operations views

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

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  ===>                                                SCROLL ===> PAGE
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 13.

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.

Table 4. CMDT 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 5). **Note:** 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.
Where:: **processtype** Is the specific or generic name of a process type.		

Table 5. PROCTYP view overtype 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

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 overtype fields are shown in Table 8 on page 15.

The action commands and overtype 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 15.

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). **Note:** 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

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 121.

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 14 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 overtype field is shown in Table 10 on page 17.

The action commands and overtype 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.

Table 9. PROCTYPS 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 10). **Note:** 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 10. PROCTYPS view overtype 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.

CICS BTS – PROCTYPS

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 331.

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

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 420
- “Correlating local and remote file names” on page 422
- “Finding out why a CICSPlex SM event occurred” on page 424

Availability

The CONNECT view is available for all managed CICS systems.

Access

Issue command:

```
CONNECT [connection]
```

`connection` Is the specific or generic name of an ISC or MRO connection. If you omit this parameter, the view includes information about all connections within the current scope.

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 21 shows the action commands you can issue from the CONNECT view. The overtype fields are shown in Table 12 on page 23.

The action commands and overtype 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 21.

Table 11. CONNECT view action commands

Primary command	Line command	Description
ACQuire `connection sysname`	ACQ	Acquires a connection (APPC only).
CANcel `connection sysname`	CAN	Cancels automatic initiation descriptor (AID) queuing for a connection. CANcel is available for CICS/ESA® 4.1 and later systems, and CICS Transaction Server for VSE/ESA® Release 1 and later systems.
DiSCard `connection sysname`	DSC	Discards a connection from the CICS system where it is installed. The connection must be out of service before it can be discarded. DiSCard is available for systems running the CICS TS for OS/390.
EndAFfinity `connection sysname`	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.) EndAFfinity is available for systems running the CICS TS for OS/390.
FORceCANcel `connection sysname`	FCN	Cancels all automatic initiation descriptor (AID) queuing, including system AID queuing, for a connection. FORceCANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
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	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.) NORecovdata is available for systems running the CICS TS for OS/390.
NOTPending `connection sysname`	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.) NOTPending is not available for CICS for OS/2 systems.

Table 11. CONNECT view action commands (continued)

Primary command	Line command	Description
OUTservice `connection sysname`	OUT	Takes a connection out of service.
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. **Note:** 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 overtype field (see Table 12 on page 23). **Note:** 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 `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.
Where: **connection** Is the specific or generic name of an ISC or MRO connection **sysname** 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 overtype 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

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 420.

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  ===>                                                SCROLL ===> CSR
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 25 shows the action commands you can issue from the CONNECTD view. The overtype fields are shown in Table 15 on page 26.

The action commands and overtype 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 25.

Table 14. CONNECTD view action commands

Primary command	Line command	Description
ACQuire	ACQ	Acquires the connection.
CANcel	CAN	Cancels automatic initiation descriptor (AID) queuing for the connection. CANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
DiSCard	DSC	Discards the connection from the CICS system where it is installed. The connection must be out of service before it can be discarded. DiSCard is available for systems running the CICS TS for OS/390.
EndAFfinity	EAF	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.) EndAFfinity is available for systems running the CICS TS for OS/390.
FORceCANcel	FCN	Cancels all automatic initiation descriptor (AID) queuing, including system AID queuing, for the connection. FORceCANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
FORcepurge	FOR	Forces transactions associated with the connection to be immediately purged (VTAM only).
INservice	IN	Places the connection in service.
NORecovdata	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.) NORecovdata is available for systems running the CICS TS for OS/390.
NOTPending	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.) NOTPending is not available for CICS for OS/2 systems.
OUTservice	OUT	Takes the connection out of service.

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. **Note:** 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). **Note:** 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 22), 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

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]
```

Where the parameters are the same as those for CONNECT on page 20.

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 20 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 29.

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.

Table 16. CONNECTS view action commands (continued)

Primary command	Line command	Description
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.
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. **Note:** A transaction is not purged if its definition specifies SPURGE=NO.
n/a	REL	Releases a connection (APPC only).

Table 16. CONNECTS view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a connection attribute according to the new value you specify in an overtype field (see Table 17). **Note:** 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	UOW	Displays the Shunted UOWs for Failed Connection input panel (Figure 4 on page 22), 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 overtype 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

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  ===>                                              SCROLL ===> PAGE
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 overtype field is shown in Table 19 on page 31.

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 overtype the value in the Avail Sess field.

Table 18. MODENAME view action commands (continued)

Primary command	Line command	Description
CLS `modename connection sysname`	CLS	Sets the available sessions value to 0. The connected system is prevented from acquiring any sessions.
n/a	SET	Sets a modename attribute according to the new value you specify in an overtype field (see Table 19). **Note:** 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.
Where: **modename** Is a specific or generic LU 6.2 modename. **connection** Is the specific or generic name of an ISC connection. **sysname** Is the specific or generic name of a CICS system. 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.		

Table 19. MODENAME view overtype 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

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 30.

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 30 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 overtype 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

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.
Where: **partner-table** Is the name of a specific partner table. **sysname** 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

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 34.

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 34 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

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.

Table 23. PROFILE view action commands (continued)

Primary command	Line command	Description
Where: **profile** Is the name of a specific profile. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

None.

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

PROFILES

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 37.

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 37 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.

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

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----
    TEMPLT1  CVMGAM1  EXIT
    TEMPLT1  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.

DOCTEMPD

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

Availability

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

Access

Issue command:

DOCTEMPD 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 DOCTEMPD view.

```
26MAR1999  12:11:34 ----------- INFORMATION DISPLAY --------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
CURR WIN ===> 2        ALT WIN ===>
>W1 =DOCTEMP==DOCTEMPD=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 DOCTEMPD view

Action commands

Table 27 on page 45 shows the action commands you can issue from the DOCTEMPD view.

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

Table 27. DOCTEMPD 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

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 42.

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 42 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® 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

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

DBCTLSS

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 [dbctlsys [cpu]]
```

`dbctlsys` 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  ===>                                                SCROLL ===> PAGE
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 DBCTLSSS view by issuing the SUM display command.

DBCTLSSS

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 48.

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 48 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

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  ===>                                                SCROLL ===> PAGE
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

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 50.

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 50 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

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 DB2CONNS 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 overtype fields are shown in Table 31 on page 53.

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.

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. **Note:** 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 overtype 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 DB2CONNS view by issuing the SUM display command.

DB2CONND

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 overtype fields are shown in Table 34 on page 55.

Table 33. DB2CONND view action commands

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

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. **Note:** 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 overtype 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 overtype 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 53 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

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 Comthrdsignon.         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 overtype fields.

Hyperlinks

None.

DB2CONNS

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 52.

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 52 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

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 DB2NTRYS 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 on page 60 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 overtype fields are shown in Table 37.

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.
ENABLE `db2entry sysname`	ENA	Enables a DB2 entry.

Table 37. DB2NTRY view overtype 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 DB2NTRYS view by issuing the SUM display command.

DB2NTRYD

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.

DB2 – DB2NTRYD

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

The DB2NTRY2 view provides specific information regrading 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 61 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 overtype fields.

Hyperlinks

None.

DB2NTRYS

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 59.

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 59 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

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  ===>                                                 SCROLL  ===> PAGE
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

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  ===>                                                SCROLL ===> PAGE
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

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 65.

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 65 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

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

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 69.

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 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 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

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

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 72.

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 72 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.

DB2 – DB2TRNS

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

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
    ENQMODA1 REGIONA  SCOA     DISABLED
    ENQMODB1 REGIONB  SCOB     ENABLED
    ENQMODC1 REGIONC  SCOC     DISABLED
    ENQMODD1 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 77.

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.

Table 44. ENQMDL view action commands (continued)

Primary command	Line command	Description
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.
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 *CICSPlex SM Managing Business Applications* for more information.
Where: **enqmodel** Is the specific name of an enqueue model. **sysname** Is the specific or generic name of a CICS system.		

Table 45. ENQMDL view overtype 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.

ENQMDLD

The ENQMDLD view shows detailed information about the enqueue model entries defined within the sysplex.

Availability

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

Access

Issue command:

`ENQMDLD enqmodel sysname`

`enqmodel` Is the name of a valid enqueue model.

`sysname` Is the name of the CICS system where the enqueue model is defined.

Hyperlink from:

the Model Name field of a ENQMDL view.

Figure 24 is an example of the ENQMDLD view.

```
26MAR1999  15:14:54 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
>W1 =ENQMDL==ENQMDLD====EYUPLX01=EYUPLX01=26MAR1999==15:14:10====CPSM==========
    Name........ ENQMODA1  Enqname.. C5D5D8D5 C1D4C5C2 F1C5D5D8 D5C1D4C5
    CICS System.  REGIONA            C2F1C5D5 D8D5C1D4 C5C2F1C5 D5D8D5C1
    Scope Name..     SCOA            D4C55C40 40404040 40404040 40404040
    Enablestatus DISABLED            40404040 40404040 40404040 40404040
                                     40404040 40404040 40404040 40404040
                                     40404040 40404040 40404040 40404040
                                     40404040 40404040 40404040 40404040
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                                     40404040 40404040 40404040 40404040
                                     40404040 40404040 40404040 40404040
                                     40404040 40404040 40404040 40404040
```

Figure 24. The ENQMDLD view

Action commands

Table 47 on page 79 shows the action commands you can issue from the ENQMDLD view. The overtype fields are shown in Table 48 on page 79.

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

Table 47. ENQMDLD view action commands

Primary command	Line command	Description
DISable `enqmodel sysname`	DIS	Changes the enqueue model status to DISABLED.
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 *CICSPlex SM Managing Business Applications* for more information.
Where: **enqmodel** Is the specific name of an enqueue model. **sysname** Is the specific or generic name of a CICS system.		

Table 48. ENQMDLD view overtype fields

Field name	Values
Enablestatus	ENABLED | DISABLED

Hyperlinks

None.

ENQMDLS

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 76.

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 *CICSPlex SM Managing Business Applications* 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.

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

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   EXITPMSG  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

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 84.

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 84 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

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  ===>                                                 SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =EXITTRUE==EXITTRUD=EYUPLX01=EYUPLX01=26MAR1999==15:52:56====CPSM==========1
     Program Name...     EYU9NXSD
     CICS System....      CVMB1T2
     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

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  ===>                                                SCROLL ===> PAGE
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  EXITPMSG 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

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 87.

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 87 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

The FECONN view shows general information about installed FEPI connections.

Availability

The FECONN 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:

`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  ===>                                                SCROLL ===> PAGE
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 overtype fields are shown in Table 56 on page 91.

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.

Table 55. FECONN view action commands (continued)

Primary command	Line command	Description
RELease `feconn sysname fenode`	REL	Releases a connection.
n/a	SET	Sets a FEPI connection attribute according to the new value you specify in an overtype field (see Table 56). **Note:** 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.
Where: **feconn** Is the APPLID of a CICS system that is the target of a FEPI logical node or * for all targets. **sysname** Is the specific or generic name of a CICS system. **fenode** Is the specific or generic name of a node.		

Table 56. FECONN view overtype 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

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, and CICS Transaction Server for VSE/ESA Release 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 overtype fields are shown in Table 59 on page 93.

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 overtype field (see Table 59). **Note:** 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 overtype fields

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

Hyperlinks

None.

FECONNS

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, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

Access

Issue command:

```
FECONNS [feconn] [fenode]
```

Where the parameters are the same as those for the FECONN view on page 90.

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 90 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

The FENODE view shows general information about installed FEPI nodes.

Availability

The FECONN 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:

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  ===>                                                SCROLL ===> PAGE
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 96.

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.

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 overtype field (see Table 62). **Note:** 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.
Where: **fenode** Is a specific or generic node name. **sysname** Is the specific or generic name of a CICS system.		

Table 62. FENODE view overtype 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

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, and CICS Transaction Server for VSE/ESA Release 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 98.

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.

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). **Note:** 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

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, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

Access

Issue command:

```
FENODES [fenode]
```

Where the parameters are the same as those for the FENODE view on page 95.

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 95 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

The FEPOOL view shows general information about installed FEPI pools.

Availability

The FECONN 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:

`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  ===>                                                SCROLL ===> PAGE
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  PSET0002  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 101.

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 101), 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 102), 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.

Table 67. FEPOOL view action commands (continued)

Primary command	Line command	Description
OUTservice `fepool sysname`	OUT	Takes a pool out of service.
n/a	SET	Sets a FEPI pool attribute according to the new value you specify in an overtype field (see Table 68). **Note:** 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.
Where: **fepool** Is a specific or generic pool name. **sysname** 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 102.

```
---------------------- 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

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, and CICS Transaction Server for VSE/ESA Release 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  ===>                                              SCROLL ===> PAGE
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 104 shows the action commands you can issue from the FEPOOLD view. The overtype fields are shown in Table 71 on page 104.

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 101), 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 102), 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 overtype field (see Table 71). **Note:** 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 71. FEPOOLD view overtype fields

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

Hyperlinks

None.

FEPOOLS

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, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

Access

Issue command:

```
FEPOOLS [fepool]
```

Where the parameter is the same as that for the FEPOOL view on page 100.

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 100 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 101), 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 102), 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

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, and CICS Transaction Server for VSE/ESA Release 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  ===>                                                SCROLL ===> PAGE
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.
Where: **feproperty** Is a specific or generic property set name. **sysname** Is the specific or generic name of a CICS system.		

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

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, and CICS Transaction Server for VSE/ESA Release 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  ===>                                                SCROLL ===> PAGE
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

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, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

Access

Issue command:

```
FEPROPS [feproperty]
```

Where the parameter is the same as that for the FEPROP view on page 107.

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 107 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

The FETRGT view shows general information about installed FEPI targets.

Availability

The FECONN 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:

`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 113.

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 overtype field (see Table 78). **Note:** 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.
Where: **fetarget** Is a specific or generic target name. **sysname** Is the specific or generic name of a CICS system.		

Table 78. FETRGT view overtype 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 FETRGTS view by issuing the SUM display command.

FETRGTD

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, and CICS Transaction Server for VSE/ESA Release 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  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =FETRGT===FETRGTD==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 115.

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 overtype field (see Table 81). **Note:** 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 81. FETRGTD view overtype fields

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

Hyperlinks

None.

FETRGTS

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

Availability

The FECONN 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:

```
FETRGTS [fetarget]
```

Where the parameter is the same as that for the FETRGT view on page 112.

Select:

FEPI from the OPERATE menu, and FETRGTS from the FEPI submenu.

Summarize:

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

The FETRGTS view looks like the FETRGT view shown in Figure 38 on page 112 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 FETRGTS view. These action commands affect all of the resources that were combined to form the summary line of data.

Table 82. FETRGTS 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 FETRGTS 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:

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

LOCFILE
A general view of local CICS files

LOCFILED
A detailed view of a local CICS file

files

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

REMFILE
A general view of remote CICS files

REMFILED
A detailed view of a remote CICS file

REMFILES
A summary view of remote CICS files

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

CFDTPOOL

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 40 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 40. The CFDTPOOL view

Action commands

None.

Hyperlinks

None.

CFDTPOOS

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 119.

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 56 on page 161 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

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 41 is an example of the CMDT view.

```
26MAR1999  15:54:26 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 41. The CMDT view

Action commands

Table 83 on page 122 shows the action commands you can issue from the CMDT view. The overtype fields are shown in Table 84 on page 122.

The action commands and overtype fields for the CMDT view are available for all managed CICS systems for which CMDT is valid, except as noted in Table 83 on page 122.

Table 83. CMDT view action commands

Primary command	Line command	Description
CLS `file sysname`	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), 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 overtype field (see Table 84). **Note:** 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.
Where: **file** Is the specific or generic name of a data table file. **sysname** Is the specific or generic name of a CICS system.		

Table 84. CMDT view overtype 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 42 on page 123.

```
--------------------------- CLOSE OPTIONS -------------------------------------
COMMAND  ===>

CICS System          CICS123

File                 EYUDREP

Option          ===>            Wait, Nowait, or Force



Press Enter to close the file.
Type END or CANCEL to terminate without closing.
```

Figure 42. 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 85 shows the hyperlink field on the CMDT view.

Table 85. 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

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

Action commands

Table 86 on page 125 shows the action commands you can issue from the CMDTD view. The overtype fields are shown in Table 87 on page 125.

The action commands and overtype fields for the CMDTD view are available for all managed CICS systems for which CMDTD is valid, except as noted in Table 86 on page 125 and Table 87 on page 125.

Table 86. CMDTD view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), 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 overtype field (see Table 87). **Note:** 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 87. CMDTD view overtype 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 88 shows the hyperlink fields on the CMDTD view.

Table 88. 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

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 121.

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 41 on page 121 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 89 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 90 on page 128.

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 89.

Table 89. CMDTS view action commands

Primary command	Line command	Description
n/a	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), which lets you specify how to handle a data table file if it is still in use.

Table 89. CMDTS view action commands (continued)

Primary command	Line command	Description
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.
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 overtype field (see Table 90). **Note:** 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 90. CMDTS view overtype 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

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 44 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 44. The CMDT2 view

Action commands

Table 91 on page 130 shows the action commands you can issue from the CMDT2 view. The overtype fields are shown in Table 92 on page 130.

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

Table 91. CMDT2 view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), 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 87). **Note:** 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 92. CMDT2 view overtype fields

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

Hyperlinks

Table 93 shows the hyperlink field on the CMDT2 view.

Table 93. 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

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 45 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 45. The CMDT3 view

Action commands

Table 94 on page 132 shows the action commands you can issue from the CMDT2 view. The overtype fields are shown in Table 95 on page 132.

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

Table 94. CMDT3 view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), 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 87). **Note:** 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 95. CMDT3 view overtype field

Field name	Values
Strings	1–255

Hyperlinks

Table 96 shows the hyperlink field on the CMDT3 view.

Table 96. CMDT3 view hyperlink field

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

DSNAME

The DSNAME 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 DSNAME 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:

```
DSNAME [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 DSNAME from the FILE submenu.

Figure 46 is an example of the DSNAME view.

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

Figure 46. The DSNAME view

Action commands

Table 97 on page 134 shows the action commands you can issue from the DSNAME view. The overtype field is shown in Table 98 on page 136.

The action commands and overtype field for the DSNAME view are available for all managed CICS systems for which DSNAME is valid, except as noted in Table 97 on page 134 and Table 98 on page 136.

Table 97. DSNAME view action commands

Primary command	Line command	Description
QUIesce `dataset sysname`	QUI	Displays the Quiesce State for Dataset input panel (Figure 47 on page 135), 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. **Notes:** 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 overtype field (see Table 98 on page 136). **Note:** 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 97. 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 48 on page 136), 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.
Where: **dataset** Is the specific or generic name of a data set. **sysname** Is the specific or generic name of a CICS system.		

When you issue the QUIesce action command from the DSNAME view, the Quiesce State for Dataset input panel appears, as shown in Figure 47. Specify the RLS quiesce state of the data set:

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

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

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

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

Figure 47. 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 DSNAME view, the Shunted UOWs Holding Locks on Dataset input panel appears, as shown in Figure 48. 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 48. 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 98. DSNAME view overtype field

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

Hyperlinks

Table 99 shows the hyperlink fields on the DSNAME view.

Table 99. DSNAME 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

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 DSNAME 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 DSNAME, LOCFILE, or CMDTD view.

Figure 49 is an example of the DSNAMED view.

```
26MAR1999  18:26:19 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =DSNAME===DSNAMED==EYUPLX01=EYUPLX01=26MAR1999==18:26:11====CPSM==========1
    Dataset Name...          PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCSD
    CICS System....                                    EYUMAS1A
    Access Method..                                        VSAM
    Availability...                                   AVAILABLE
    Object Type....                                        BASE
    Base Dataset...          PAYROLL.SALARY.ADMIN.SYSTEMA.DFHCSD
    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 49. The DSNAMED view

Action commands

Table 100 shows the action commands you can issue from the DSNAMED view. The overtype field is shown in Table 101 on page 139.

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 101 on page 139.

Table 100. DSNAMED view action commands

Primary command	Line command	Description
QUIesce	QUI	Displays the Quiesce State for Dataset input panel (Figure 47 on page 135), 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	REM	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. REMove is available for CICS/ESA 3.3 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
ReSetLocks	RSL	(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. **Notes:** 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.

Table 100. DSNAMED view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a data set attribute according to the new value you specify in an overtype field (see Table 101). **Note:** 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 Holding Locks on Dataset input panel (Figure 48 on page 136), 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 101. DSNAMED view overtype 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 102 shows the hyperlink field on the DSNAMED view.

Table 102. DSNAMED view hyperlink field

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

DSNAMES

The DSNAMES view shows summarized information about data sets associated with installed CICS files. DSNAMES is a summary form of the DSNAME 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 DSNAME 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 DSNAME on page 133.

Select:

FILE from the OPERATE menu, and DSNAMES from the FILE submenu.

Summarize:

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

The DSNAMES view looks like the DSNAME view shown in Figure 46 on page 133 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 103 on page 141 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 104 on page 142.

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 104 on page 142.

Table 103. DSNAMES view action commands

Primary command	Line command	Description
n/a	QUI	Displays the Quiesce State for Dataset input panel (Figure 47 on page 135), 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.
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. **Notes:** 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 overtype field (see Table 104 on page 142). **Note:** 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 103. DSNAMES view action commands (continued)

Primary command	Line command	Description
n/a	UOW	Displays the Shunted UOWs Holding Locks on Dataset input panel (Figure 48 on page 136), 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 104. DSNAMES view overtype 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

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 50 on page 144 is an example of the FILE view.

```
26MAR1999  18:36:19 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                 SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 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 50. 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 CMDT, LOCFILE, or REMFILE.

Hyperlinks

Table 105 shows the hyperlink field on the FILE view. The view that is displayed depends upon the value in the Type field.

Table 105. 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

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 50 on page 144 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 106 shows the hyperlink field on the FILED view. The view that is displayed depends upon the value in the Type field.

Table 106. 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

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 143.

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 50 on page 144 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 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

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 421
- “Correlating local and remote file names” on page 422

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 51 on page 148 is an example of the LOCFILE view.

```
26MAR1999  18:46:10 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 51. The LOCFILE view

Action commands

Table 107 shows the action commands you can issue from the LOCFILE view. The overtype fields are shown in Table 108 on page 149.

The action commands and overtype fields for the LOCFILE view are available for all managed CICS systems for which LOCFILE is valid, except as noted in Table 107 and Table 108 on page 149.

Table 107. LOCFILE view action commands

Primary command	Line command	Description
CLS `file sysname`	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), 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.

Table 107. 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 overtype field (see Table 108). **Note:** 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.
Where: **file** Is the specific or generic name of a local file. **sysname** Is the specific or generic name of a CICS system.		

Table 108. LOCFILE view overtype 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 109 shows the hyperlink fields on the LOCFILE view.

Table 109. 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

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 52 is an example of the LOCFILED view.

```
26MAR1999  18:46:19 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
>W1 =LOCFILE==LOCFILED=EYUPLX01=EYUPLX01=26MAR1999==18:46:10====CPSM==========1
    File ID......     DFHCSD CICS System...  EYUMAS1A 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 Acess Mode.      N/A Key Position.         0
                             Rls Req Timeout      N/A Block Key Len       N/A
```

Figure 52. The LOCFILED view

Note: Scroll to the right to see the name of the data sets associated with this file.

Action commands

Table 110 on page 151 shows the action commands you can issue from the LOCFILED view. The overtype fields are shown in Table 111 on page 152.

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 110 on page 151 and Table 111 on page 152.

Table 110. LOCFILED view action commands

Primary command	Line command	Description
CLS	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), 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 overtype field (see Table 111). **Note:** 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 111. LOCFILED view overtype 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 112 shows the hyperlink fields on the LOCFILED view.

Table 112. 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

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 147.

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 51 on page 148 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 113 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 114 on page 154.

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 113.

Table 113. LOCFILES view action commands

Primary command	Line command	Description
n/a	CLS	Displays the CLOSE OPTIONS input panel (Figure 42 on page 123), 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 42 on page 123), which lets you specify how to handle a file if it is still in use.

Table 113. LOCFILES view action commands (continued)

Primary command	Line command	Description
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.
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 overtype field (see Table 114). **Note:** 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 114. LOCFILES view overtype 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

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 buffsize D|I|B sysname`

`lsrpool` Is a numeric value between 0 and 8 identifying an LSR pool.

`buffsize` 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 53 is an example of the LSRPBUD view.

```
 26MAR1999 11:05:43 --------- INFORMATION DISPLAY -----------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 53. The LSRPBUD view

Action commands

None.

Hyperlinks

None.

LSRPBUF

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 54 is an example of the LSRPBUF view.

```
 26MAR1999 11:05:43 --------- INFORMATION DISPLAY -----------------------------
COMMAND  ===>                                                 SCROLL ===> PAGE
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 54. The LSRPBUF view

Action commands

None.

Hyperlinks

Table 115 shows the hyperlink field on the LSRPBUF view.

Table 115. 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

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 156.

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 54 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

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

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 lsrpool sysname`

`lsrpool` 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 55 is an example of the LSRPOOD view.

```
 26MAR1999 11:05:43 --------- INFORMATION DISPLAY -----------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 55. The LSRPOOD view

Action commands

None.

Hyperlinks

Table 116 shows the hyperlink fields for the LSRPOOD view.

Table 116. 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

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 56 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 56. The LSRPOOL view

Action commands

None.

Hyperlinks

Table 117 shows the hyperlink field on the LSRPOOL view.

Table 117. 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

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 161.

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 56 on page 161 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

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 422.

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 57 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 57. The REMFILE view

Action commands

Table 118 on page 164 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 118 on page 164.

Table 118. 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.
Where: **file** Is the specific or generic name of a remote file. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

Table 119 shows the hyperlink field on the REMFILE view.

Table 119. 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

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 58 is an example of the REMFILED view.

```
26MAR1999  20:43:20 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 58. The REMFILED view

Action commands

Table 120 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 120.

Table 120. 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

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 163.

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 57 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 121 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 121.

Table 121. 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.

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

DSKJRNLD
A detailed view of a disk journal

DSKJRNLS
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

JRNLNAME
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

SMFJRNLD
A detailed view of a SMF journal

SMFJRNLS
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

TAPJRNLD
A detailed view of a tape journal

journals

TAPJRNLS
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

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 59 is an example of the DSKJRNL view.

```
26MAR1999  18:24:38 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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-- 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 59. The DSKJRNL view

Action commands

Table 122 shows the action commands you can issue from the DSKJRNL view. The overtype field is shown in Table 123 on page 172.

The action commands and overtype 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 122. 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.

Table 122. 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 123). **Note:** 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.
Where: **journal** Is a numeric journal ID. **sysname** Is the specific or generic name of a CICS system.		

Table 123. DSKJRNL view overtype field

Field name	Values
Open Status	ADVANCE | CLOSED | OPENOUTPUT

Hyperlinks

Table 124 shows the hyperlink field on the DSKJRNL view.

Table 124. DSKJRNL view hyperlink field

Hyperlink field	View displayed	Description
ID	DSKJRNLD	Detailed view of the specified disk journal.

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

DSKJRNLD

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 60 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 60. The DSKJRNLD view

Action commands

Table 125 shows the action commands you can issue from the DSKJRNLD view. The overtype field is shown in Table 126 on page 174.

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 125. 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.

Table 125. DSKJRNLD 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 126). **Note:** 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 126. DSKJRNLD view overtype field

Field name	Values
Open Status	ADVANCE | CLOSED | OPENOUTPUT

Hyperlinks

None.

DSKJRNLS

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 59 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 127 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 overtype fields are shown in Table 128 on page 176.

The action commands and overtype 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 127. 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.

Table 127. DSKJRNLS 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 128). **Note:** 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 128. DSKJRNLS view overtype 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

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 61 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 61. The JOURNAL view

Action commands

There are no action commands or overtype 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 129 shows the hyperlink field on the JOURNAL view. The view that is displayed depends upon the value in the Type field.

Table 129. JOURNAL view hyperlink field

Hyperlink field	View displayed	Description
Journal ID	DSKJRNLD	Detailed view of the specified disk journal.
	SMFJRNLD	Detailed view of the specified SMF journal.
	TAPJRNLD	Detailed view of the specified tape journal.

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

JOURNALS

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 61 on page 177 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

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 62 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-- -------- -------------------------
    JRNLSMM  DFHJ02   EYUMAS1A MVS      &USERID..&APPLID..&JNAME.
```

Figure 62. The JRNLMODL view

Action commands

Table 130 shows the action command you can issue from the JRNLMODL view.

Table 130. 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.
Where: **journal** Is the specific or generic name of a journal. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

Table 131 shows the hyperlink fields on the JRNLMODL view.

Table 131. 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

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 62 on page 180 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 132 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 132. 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

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 63 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 63. The JRNLNAMD view

Action commands

Table 133 shows the action commands you can issue from the JRNLNAMD view. The overtype field on the JRNLNAMD view is shown in Table 134 on page 184.

Table 133. 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.

Table 133. JRNLNAMD view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a journal name attribute according to the new value you specify in an overtype field (see Table 134). **Note:** 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 134. JRNLNAMD view overtype field

Field name	Values
Status	ENABLED | DISABLED

Hyperlinks

None.

JRNLNAME

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 64 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 64. The JRNLNAME view

Action commands

Table 135 shows the action commands you can issue from the JRNLNAME view. The overtype field on the JRNLNAME view is shown in Table 136 on page 186.

Table 135. 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.

Table 135. JRNLNAME view action commands (continued)

Primary command	Line command	Description
n/a	SET	Sets a journal name attribute according to the new value you specify in an overtype field (see Table 136). **Note:** 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.
Where: **journal** Is the specific or generic name of a journal. **sysname** Is the specific or generic name of a CICS system.		

Table 136. JRNLNAME view overtype field

Field name	Values
Status	ENABLED | DISABLED

Hyperlinks

Table 137 shows the hyperlink field on the JRNLNAME view.

Table 137. 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

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 64 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 138 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 overtype field on the JRNLNAMS view is shown in Table 139 on page 188.

Table 138. 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 overtype field (see Table 136 on page 186). **Note:** 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 139. JRNLNAMS view overtype field

Field name	Values
Status	ENABLED | DISABLED

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

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 65 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 65. The SMFJRNL view

Action commands

None.

Hyperlinks

Table 140 shows the hyperlink field on the SMFJRNL view.

Table 140. SMFJRNL view hyperlink field

Hyperlink field	View displayed	Description
ID	SMFJRNLD	Detailed view of the specified SMF journal.

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

SMFJRNLD

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 66 is an example of the SMFJRNLD view.

```
26MAR1999  21:12:38 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 66. The SMFJRNLD view

Action commands

None.

Hyperlinks

None.

SMFJRNLS

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 65 on page 189 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

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 67 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 67. The STREAMND view

Action commands

None.

Hyperlinks

None.

STREAMNM

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 MJRNLNM view.

Figure 68 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
--- -------------------------  System-- -------- Log----- --------
    &USERID..&APPLID..&JNAME.  EYUMAS1A FAILED   NOSYSLOG        1
```

Figure 68. The STREAMNM view

Action commands

None.

Hyperlinks

Table 141 shows the hyperlink field on the STREAMNM view.

Table 141. 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

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 68 on page 193 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

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 69 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 69. The TAPJRNL view

Action commands

Table 142 shows the action commands you can issue from the TAPJRNL view. The overtype field is shown in Table 143 on page 196.

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 142. TAPJRNL view action commands

Primary command	Line command	Description
ADVance `journal sysname`	ADV	Advances the tape volume associated with a journal. **Note:** 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.

Table 142. 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 143). **Note:** 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.
Where: **journal** Is a numeric journal ID. **sysname** Is the specific or generic name of a CICS system.		

Table 143. TAPJRNL view overtype field

Field name	Values
Open Status	ADVANCE | CLOSED | CLOSELEAVE | OPENOUTPUT

Hyperlinks

Table 144 shows the hyperlink field on the TAPJRNL view.

Table 144. 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

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 70 is an example of the TAPJRNLD view.

```
26MAR1999  21:20:59 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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                                  Average Size...        0
    Last Vol Used.
    Oldest Part...         -1
```

Figure 70. The TAPJRNLD view

Action commands

Table 145 shows the action commands you can issue from the TAPJRNLD view. The overtype field is shown in Table 146 on page 198.

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 145. TAPJRNLD view action commands

Primary command	Line command	Description
ADVance	ADV	Advances the tape volume associated with this journal. **Note:** The journal must be open in order for the ADVANCE command to work.

Table 145. TAPJRNLD view action commands (continued)

Primary command	Line command	Description
CLS	CLS	Closes the journal and rewinds the associated tape volume.
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 overtype field (see Table 146). **Note:** 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 146. TAPJRNLD view overtype field

Field name	Values
Open Status	ADVANCE | CLOSED | CLOSELEAVE | OPENOUTPUT

Hyperlinks

Table 147 shows the hyperlink fields on the TAPJRNLD view.

Table 147. 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.
Note: The hyperlink to VOLUMED is not available when the Current Volume or Last Vol Used field is blank.		

TAPJRNLS

The TAPJRNLS view shows summarized information about tape journals. TAPJRNLS is a summary form of the TAPJRNL 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 TAPJRNL or TAPJRNLS view.

The TAPJRNLS view looks like the TAPJRNL view shown in Figure 69 on page 195 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 148 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 overtype field is shown in Table 149 on page 200.

The action commands and overtype 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 148. TAPJRNLS view action commands

Primary command	Line command	Description
n/a	ADV	Advances the tape volume associated with a journal. **Note:** 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.

Table 148. 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 overtype field (see Table 149). **Note:** 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 149. TAPJRNLS view overtype field

Field name	Values
Open Status	ADVANCE | CLOSED | CLOSELEAVE | OPENOUTPUT

Hyperlinks

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

VOLUME

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 71 is an example of the VOLUME view.

```
26MAR1999 11:30:30 --------- INFORMATION DISPLAY -------------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 71. The VOLUME view

Action commands

Table 150 shows the action commands you can issue from the VOLUME view. The overtype field is shown in Table 151 on page 202.

Table 150. VOLUME view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS JOURNAL VOLUME CREATE input panel (Figure 72 on page 202), which lets you create a standard-labeled tape volume for journaling.

Table 150. 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 overtype field (see Table 151). **Note:** 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.
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.
Where: **volume** Is a specific or generic serial number of a standard-labeled tape volume. **sysname** Is the specific or generic name of a CICS system.		

Table 151. VOLUME overtype 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 72.
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 72. 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 152 shows the hyperlink fields on the VOLUME view.

Table 152. VOLUME view hyperlink fields

Hyperlink field	View displayed	Description
Volume Ser	VOLUMED	Detailed view of the specified standard-labeled tape volume.
ID	TAPJRNLD	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

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 73 is an example of the VOLUMED view.

```
26MAR1999 11:30:30 --------- INFORMATION DISPLAY -----------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 73. The VOLUMED view

Action commands

Table 153 shows the action commands you can issue from the VOLUMED view. The overtype field is shown in Table 154 on page 205.

Table 153. VOLUMED view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS JOURNAL VOLUME CREATE input panel (Figure 72 on page 202), which lets you create a standard-labeled tape volume for journaling.

Table 153. 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 overtype field (see Table 154). **Note:** 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.
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 154. VOLUMED overtype field

Field name	Values
Avail Status	OK | NOWRITE

Hyperlinks

Table 155 shows the hyperlink field on the VOLUMED view.

Table 155. VOLUMED view hyperlink field

Hyperlink field	View displayed	Description
Journal Number	TAPJRNLD	Detailed view of the tape journal associated with this volume.

VOLUMES

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 201.

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 71 on page 201 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 156 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 overtype field is shown in Table 157 on page 207.

Table 156. 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 overtype field (see Table 157 on page 207). **Note:** 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 157. VOLUMES overtype 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.

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

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 74 is an example of the PROGRAM view.

```
26MAR1999  20:25:10 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 74. The PROGRAM view

Action commands

Table 158 on page 211 shows the action commands you can issue from the PROGRAM view. The overtype fields are shown in Table 159 on page 211.

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 158 on page 211 and Table 159 on page 211.

Table 158. 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. **Note:** 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 overtype field (see Table 159). **Note:** 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.
Where: **program** Is the specific or generic name of a program. **sysname** Is the specific or generic name of a CICS system.		

Table 159. PROGRAM view overtype 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

Hyperlinks

Table 160 shows the hyperlink field on the PROGRAM view.

Table 160. 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

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 423.

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 75 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 75. The PROGRAMD view

Action commands

Table 161 shows the action commands you can issue from the PROGRAMD view. The overtype fields are shown in Table 162 on page 214.

The action commands and overtype fields for the PROGRAMD view are available for all managed CICS systems for which PROGRAMD is valid, except as noted in Table 161 and Table 162 on page 214.

Table 161. PROGRAMD view action commands

Primary command	Line command	Description
DISable	DIS	Disables the program.

Table 161. PROGRAMD view action commands (continued)

Primary command	Line command	Description
DiSCard	DSC	Discards the program from the CICS system where it is installed. **Note:** 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 162). **Note:** 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 162. 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 163 shows the hyperlink field on the PROGRAMD view.

Table 163. 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

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 210.

Hyperlink from:

The JVM Class field on the PROGRAMD view.

The PROGRAMJ view is shown in 215.

```
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 164 shows the action command for the PROGRAMJ view. The overtype field is shown in Table 165 on page 216.

The overtype field for the PROGRAMJ view is available for all managed CICS systems for which PROGRAMJ is valid.

Table 164. 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 167). **Note:** 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.

programs – PROGRAMJ

Table 165. PROGRAMJ view overtype fields

Field name	Values
JVM Class	Up to 255 characters.

Hyperlinks

None.

PROGRAMS

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 210.

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 74 on page 210 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 166 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 167 on page 218.

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 166 and Table 167 on page 218.

Table 166. 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. **Note:** 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.

Table 166. PROGRAMS view action commands (continued)

Primary command	Line command	Description
n/a	NEW	Loads a new copy of a program into memory, provided the program use count is 0.
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 167). **Note:** 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 167. 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

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 76 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 76. The RPLLIST view

Action commands

None.

Hyperlinks

Table 168 shows the hyperlink field on the RPLLIST view.

Table 168. 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

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 423.

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 76 on page 219 except that it is for a single CICS system.

Action commands

None.

Hyperlinks

None.

RPLLISTS

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 76 on page 219 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.

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

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

CICSDSA

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 77 is an example of the CICSDSA view.

```
26MAR1999  17:03:29 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 77. The CICSDSA view

Action commands

Table 169 on page 225 shows the action command you can issue from the CICSDSA view. The overtype field is shown in Table 170 on page 225.

The overtype field for the CICSDSA view is available for all managed CICS systems for which CICSDSA is valid, except as noted in Table 170 on page 225.

Table 169. 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 overtype field (see Table 170). **Note:** 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 170. CICSDSA view overtype 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 171 shows the hyperlink field on the CICSDSA view.

Table 171. 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

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 78 is an example of the CICSDSAD view.

```
26MAR1999  17:03:41 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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
                                                      CurComn Users.       N/A
                                                      CumComn Users.       N/A
                                                      HWMComn Users.       N/A
```

Figure 78. The CICSDSAD view

Action commands

Table 172 on page 227 shows the action command you can issue from the CICSDSAD view. The overtype field is shown in Table 173 on page 227.

The overtype field for the CICSDSAD view is available for all managed CICS systems for which CICSDSAD is valid, except as noted in Table 173 on page 227.

Table 172. 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 173). **Note:** 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 173. 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 174 shows the hyperlink field on the CICSDSAD view.

Table 174. CICSDSAD view hyperlink field

Hyperlink field	View displayed	Description
CICS System	CICSRGND	Detailed view of the CICS system associated with this DSA.

CICSDSAS

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 224.

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 77 on page 224 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

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 79 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  Tas 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 79. The CICSRGN view

Action commands

Table 175 on page 230 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 175 on page 230.

Regions – CICSRGN

Table 175. CICSRGN view action commands

Primary command	Line command	Description
ARMrestart `sysname`	ARM	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: • Be known to CICSPlex SM as a local MAS • Be running in an MVS/ESA image where ARM is active • Have successfully registered with ARM during initialization • Be eligible for restart according to current ARM policy ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
GMM `sysname`	GMM	Displays the Good Morning Message Text input panel (Figure 80 on page 231), 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.
IMMshut `sysname`	IMM	Shuts down a CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.
INItialize `sysname`	INI	Initializes the CICS system date and time to match the MVS system date and time-of-day.
NORmshut `sysname`	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.
SECurity `sysname`	SEC	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. 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. **Note:** 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.

Table 175. CICSRGN view action commands (continued)

Primary command	Line command	Description
SHUtdown sysname	SHU	Displays the CICS SHUTDOWN input panel (Figure 81 on page 232), 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 82 on page 233), 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 83 on page 233), 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.
Where: **sysname** Is the specific or generic name of a CICS system.		

When you issue the GMM action command from the CICSRGN view, the CICS Good Morning Message Text input panel appears, as shown in Figure 80.

```
--------------- 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 80. 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 CICSRGN view, the CICS SHUTDOWN input panel appears, as shown in Figure 81.

```
---------------------- 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 81. 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 CICSRGN view, the CICS SNAP input panel appears, as shown in Figure 82 on page 233.

```
------------------------------ 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 82. 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 CICSRGN view, the CICS STATISTICS input panel appears, as shown in Figure 83.
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 83. 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 176 shows the hyperlink field on the CICSRGN view.

Table 176. CICSRGN view hyperlink field

Hyperlink field	View displayed	Description
CICS System	CICSRGND	Detailed view of the specified CICS system.

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

CICSRGND

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 CICSRGN or CICSDSAD view.

Figure 84 is an example of the CICSRGND view.

```
26MAR1999  17:07:30 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =CICSRGN==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
    Priorty Aging..        1 Trn Isol Stat        N/A Startup Stat.    COLDSTART
    Runaway Time...    20000 RPL Reopens..          0 Autoinst 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 84. The CICSRGND view

Action commands

Table 177 on page 236 shows the action commands you can issue from the CICSRGND view. The overtype fields are shown in Table 178 on page 237.

The action commands and overtype fields for the CICSRGND view are available for all managed CICS systems for which CICSRGND is valid, except as noted in Table 177 on page 236 and Table 178 on page 237.

Table 177. CICSRGND view action commands

Primary command	Line command	Description
ARMrestart	ARM	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: • Be known to CICSPlex SM as a local MAS • Be running in an MVS/ESA image where ARM is active • Have successfully registered with ARM during initialization • Be eligible for restart according to current ARM policy ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
GMM	GMM	Displays the Good Morning Message Text input panel (Figure 80 on page 231), 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.
IMMshut	IMM	Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.
INItialize	INI	Initializes the CICS system date and time to match the MVS system date and time-of-day.
NORmshut	NOR	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.
SECurity	SEC	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. 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. **Note:** 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.

Table 177. 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 overtype field (see Table 178). **Note:** 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 81 on page 232), 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 82 on page 233), 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 83 on page 233), 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 178. CICSRGND view overtype fields

Field name	Values
AKP	200–65535 **Note:** 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
Priorty 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
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.

Table 178. CICSRGND view overtype fields (continued)

Field name	Values
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 179 shows the hyperlink fields on the CICSRGND view.

Table 179. 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

The CICSRGNS view shows summarized information about CICS systems. CICSRGNS is a summary form of the CICSRGN 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 CICSRGN or CICSRGNS view.

The CICSRGNS view looks like the CICSRGN view shown in Figure 79 on page 229 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 180 on page 240 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 180 on page 240.

Regions – CICSRGNS

Table 180. CICSRGNS view action commands

Primary command	Line command	Description
n/a	ARM	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: • Be known to CICSPlex SM as a local MAS • Be running in an MVS/ESA image where ARM is active • Have registered with ARM during initialization • Be eligible for restart according to current ARM policy ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
n/a	GMM	Displays the Good Morning Message Text input panel (Figure 80 on page 231), 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 81 on page 232), which lets you specify a normal, immediate, or XRF takeover shutdown, a shutdown transaction, the dump option, and the PLT and XLT suffixes.

Table 180. CICSRGNS view action commands (continued)

Primary command	Line command	Description
n/a	SNA	Displays the CICS SNAP input panel (Figure 82 on page 233), 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 83 on page 233), 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.

Hyperlinks

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

CICSRGN2

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 CICSRGND view:

- Monitor Status
- Recording Stat
- Dump Status

Figure 85 is an example of the CICSRGN2 view.

```
26MAR1999  17:08:54 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =CICSRGN==CICSRGN2=EYUPLX01=EYUPLX01=26MAR1999==17:07:16====CPSM==========1
    CICS System.     EYUMAS1A 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 Clss.  NOEVENT
    Cur Aux Dsn.            A Open Status       OPEN Except Clss NOEXCEPT
    Aux Swtch St     NOSWITCH Switch Stat SWITCHNEXT Report Clck      N/A
    Single Stat.    SINGLEOFF Trandumps..          0 SysEvnt 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 85. The CICSRGN2 view

Action commands

Table 181 on page 243 shows the action commands you can issue from the CICSRGN2 view. The overtype fields are shown in Table 182 on page 244.

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 181 and Table 182 on page 244.

Table 181. CICSRGN2 view action commands

Primary command	Line command	Description
ARMrestart	ARM	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: • Be known to CICSPlex SM as a local MAS • Be running in an MVS/ESA image where ARM is active • Have successfully registered with ARM during initialization • Be eligible for restart according to current ARM policy ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
GMM	GMM	Displays the Good Morning Message Text input panel (Figure 80 on page 231), 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.
IMMshut	IMM	Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.
INItialize	INI	Initializes the CICS system date and time to match the MVS system date and time-of-day.
NORmshut	NOR	Shuts down the CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.
SECurity	SEC	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. 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. **Note:** 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.

Table 181. CICSRGN2 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 182). **Note:** 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 81 on page 232), 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 82 on page 233), 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 83 on page 233), 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 182. CICSRGN2 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

Table 182. CICSRGN2 view overtype fields (continued)

Field name	Values
Perf at Sync	SYNCPOINT | NOSYNCPOINT
AIn 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 183 shows the hyperlink fields on the CICSRGN2 view.

Table 183. CICSRGN2 view hyperlink fields

Hyperlink field	View displayed	Description
Trandumps Trndmp Sup	TRANDUMP	General view of transaction dump codes associated with this CICS system.
Sysdmps Sysdmps Sup	SYSDUMP	General view of system dump codes associated with this CICS system.

CICSRGN3

The CICSRGN3 view shows detailed information about the tasks on a CICS system.

Availability

The CICSRGN3 view is available for all managed CICS systems.

Access

Issue command:

`CICSRGN3 sysname`

`sysname` Is the name of a CICS system within the current scope.

Hyperlink from:

the Current Tasks field of the CICSRGND view.

Figure 86 is an example of the CICSRGN3 view.

```
26MAR1999  15:41:56 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 86. The CICSRGN3 view

Action commands

Table 184 on page 247 shows the action commands you can issue from the CICSRGN3 view. The overtype fields are shown in Table 185 on page 248.

The action commands and overtype fields for the CICSRGN3 view are available for all managed CICS systems for which CICSRGN3 is valid, except as noted in Table 184 on page 247 and Table 185 on page 248.

Table 184. CICSRGN3 view action commands

Primary command	Line command	Description
ARMrestart	ARM	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: • Be known to CICSPlex SM as a local MAS • Be running in an MVS/ESA image where ARM is active • Have successfully registered with ARM during initialization • Be eligible for restart according to current ARM policy ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
GMM	GMM	Displays the Good Morning Message Text input panel (Figure 80 on page 231), 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.
IMMshut	IMM	Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.
INItialize	INI	Initializes the CICS system date and time to match the MVS system date and time-of-day.
NORmshut	NOR	Shuts down the CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.
SECurity	SEC	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. 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. **Note:** 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.

Table 184. CICSRGN3 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 185). **Note:** 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 81 on page 232), 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 82 on page 233), 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 83 on page 233), 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 185. CICSRGN3 view overtype 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)
Note: CICSPlex SM uses a minimum of 6 tasks and may use as many as 16, depending on: • how much resource monitoring is active • how many real-time analysis status definitions (STATDEFs) are active Make sure the value in the Maxtasks field is high enough to accommodate all possible CICSPlex SM activity at your enterprise.	

Hyperlinks

From the CICSRGN3 view, you can hyperlink from the Tasks field to the TASK view.

CICSRGN4

The CICSRGN4 view shows detailed information about the tasks on a CICS system.

Availability

The CICSRGN4 view is available for CICS Transaction Server for OS/390 Release 3 and later.

Access

Issue command:

```
CICSRGN4 sysname
```

`sysname` Is the name of a CICS system within the current scope.

Hyperlink from:

the Autoinst Info field of the CICSRGND view.

Figure 87 is an example of the CICSRGN4 view.

```
26MAR1999  15:41:56 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
>W1 =CICSRGN==CICSRGN3=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 87. The CICSRGN4 view

Action commands

Table 186 on page 250 shows the action commands you can issue from the CICSRGN4 view. The overtype fields are shown in Table 187 on page 251.

The action commands and overtype fields for the CICSRGN4 view are available for all managed CICS systems for which CICSRGN4 is valid, except as noted in Table 186 on page 250 and Table 187 on page 251.

Regions – CICSRGN4

Table 186. CICSRGN4 view action commands

Primary command	Line command	Description
ARMrestart	ARM	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: • Be known to CICSPlex SM as a local MAS • Be running in an MVS/ESA image where ARM is active • Have successfully registered with ARM during initialization • Be eligible for restart according to current ARM policy ARM is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
GMM	GMM	Displays the Good Morning Message Text input panel (Figure 80 on page 231), 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, CICS/VSE 2.3 and later systems.
IMMshut	IMM	Shuts down the CICS system immediately. All active tasks and Systems Network Architecture (SNA) sessions within the CICS system are terminated.
INItialize	INI	Initializes the CICS system date and time to match the MVS system date and time-of-day.
NORmshut	NOR	Shuts down the CICS system normally. The system is shut down as soon as active tasks and SNA sessions within the system are completed.
SECurity	SEC	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. 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. **Note:** 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.

Table 186. CICSRGN4 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 185 on page 248). **Note:** 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 81 on page 232), 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 82 on page 233), 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 83 on page 233), 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 187. CICSRGN4 view overtype fields

Field name	Values
PRSS Dealy	00:00:00 - 23:59:59
AIn Pgrm Nme	Any valid program name
AutoIns Max	0 - 999

Hyperlinks

None.

SYSDUMP

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 CICSRGN2 view.

Figure 88 is an example of the SYSDUMP view.

```
26MAR1999  21:16:09 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 88. The SYSDUMP view

Action commands

Table 188 shows the action commands you can issue from the SYSDUMP view. The overtype fields are shown in Table 189 on page 253.

Table 188. SYSDUMP view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS SYSTEM DUMP CODE input panel (Figure 89 on page 253), 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.

Table 188. SYSDUMP view action commands (continued)

Primary command	Line command	Description
REMove `dumpcode sysname`	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 overtype field (see Table 189). **Note:** 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.
Where: **dumpcode** 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. **sysname** Is the specific or generic name of a CICS system.		

Table 189. 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 89.

```
---------------------------- 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 89. 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 190 shows the hyperlink field on the SYSDUMP view.

Table 190. 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

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 90 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 90. The SYSDUMPD view

Action commands

Table 191 on page 256 shows the action commands you can issue from the SYSDUMPD view. The overtype fields are shown in Table 192 on page 256.

The action commands and overtype fields for the SYSDUMPD view are available for all managed CICS systems for which SYSDUMPD is valid, except as noted in Table 192 on page 256.

Regions – SYSDUMPD

Table 191. SYSDUMPD view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS SYSTEM DUMP CODE input panel (Figure 89 on page 253), 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 192). **Note:** 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 192. 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

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 252.

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 88 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 193 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 overtype fields are shown in Table 194 on page 258.

Table 193. 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.

Table 193. SYSDUMPS 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 194). **Note:** 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 194. SYSDUMPS view overtype 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

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 91 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 91. The TRANDUMD view

Action commands

Table 195 on page 260 shows the action commands you can issue from the TRANDUMD view. The overtype fields are shown in Table 196 on page 260.

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 196 on page 260.

Table 195. TRANDUMD view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS TRANSACTION DUMP CREATE input panel (Figure 93 on page 263), 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 196). **Note:** 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 196. 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

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 CICSRGN2 view.

Figure 92 is an example of the TRANDUMP view.

```
26MAR1999  16:20:25 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 EYUMAS1A YES  NO        1    999      1      0      0      1 NO
```

Figure 92. The TRANDUMP view

Action commands

Table 197 on page 262 shows the action commands you can issue from the TRANDUMP view. The overtype fields are shown in Table 198 on page 262.

Table 197. TRANDUMP view action commands

Primary command	Line command	Description
CREate	n/a	Displays the CICS TRANSACTION DUMP CREATE input panel (Figure 93 on page 263), 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 198). **Note:** 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.

Where:

dumpcode
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.

sysname
Is the specific or generic name of a CICS system.

Table 198. 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 93 on page 263.

```
---------------------- 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 93. 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 199 shows the hyperlink field on the TRANDUMP view.

Table 199. 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

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 261.

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 92 on page 261 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 200 on page 265 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 overtype fields are shown in Table 201 on page 265.

Table 200. 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 overtype field (see Table 201). **Note:** 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 201. TRANDUMS view overtype 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

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 [tranclass]
```

`tranclass` For CICS systems running CICS/ESA 4.1 or later, and CICS Transaction Server for VSE/ESA Release 1 and later, `tranclass` is the specific or generic 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. 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 94 is an example of the TRNCLS view.

```
26MAR1999  21:43:00 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 94. The TRNCLS view

Action commands

Table 202 on page 267 shows the action command you can issue from the TRNCLS view. The overtype field is shown in Table 203 on page 267.

The action commands and overtype field for the TRNCLS view are available for all managed CICS systems for which TRNCLS is valid, except as noted in Table 202 and Table 203.

Table 202. 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 203). **Note:** 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.
Where: **tranclass** Is a specific or generic transaction class name or ID. **sysname** Is the specific or generic name of a CICS system.		

Table 203. 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 204 shows the hyperlink field on the TRNCLS view.

Table 204. 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

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 95 is an example of the TRNCLSD view.

```
26MAR1999  21:51:56 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 95. The TRNCLSD view

Action commands

Table 205 on page 269 shows the action command you can issue from the TRNCLSD view. The overtype fields are shown in Table 206 on page 269.

The action commands and overtype fields for the TRNCLSD view are available for all managed CICS systems for which TRNCLSD is valid, except as noted in Table 205 and Table 206.

Table 205. 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 overtype field (see Table 206). **Note:** 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 206. TRNCLSD 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.
Purge Threshold	0–1,000,000

Hyperlinks

None.

TRNCLSS

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 266.

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 94 on page 266 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 207 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 207.

Table 207. 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.

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

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 96 is an example of the REQID view.

```
26MAR1999 09:38:43 ---------- INFORMATION DISPLAY -----------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 96. The REQID view

Action commands

None.

Hyperlinks

Table 208 shows the hyperlink field on the REQID view.

Table 208. 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

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 97 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 97. The REQIDD view

Action commands

None.

Hyperlinks

None.

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

REQIDS

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 272.

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 96 on page 272 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

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 415
- “Identifying the tasks associated with a transaction” on page 416
- “Relating a set of tasks to a user ID” on page 417

Availability

The TASK view is available for all managed CICS systems.

Access

Issue command:

```
TASK [task [RUNning|DISpatchable|SUSpended [tranid [activityid
[process [processtype ]]]]]
```

`task` Is the ID of a currently executing task or * for all tasks. If you specify a task ID, the `tranid` 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.

`tranid` 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 98 on page 277 is an example of the TASK view.

```
26MAR1999  21:22:07 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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-- -------- ---------------  --- Class--
       23 EYUMAS3A CONL RUN MS3A                   828724D61FFE0001 255 DFHTCL0
       23 EYUMAS4A CONL RUN MS4A                   82872F4701790001 255 DFHTCL0
       25 EYUMAS1A CONL RUN MS1A                   8286F48104090001 255 DFHTCL0
       25 EYUMAS2A CONL RUN MS2A                   828762970A100001 255 DFHTCL0
       28 EYUMAS4A COI0 SUS MS4A                   8287326E71A30001 255 DFHTCL0
       29 EYUMAS4A CONM SUS MS4A                   8287330C8DCA0001 255 DFHTCL0
       30 EYUMAS1A COI0 SUS MS1A                   8286F85B336B0001 255 DFHTCL0
       30 EYUMAS2A COI0 SUS MS2A                   82876748A5B40001 255 DFHTCL0
       30 EYUMAS3A COI0 SUS MS3A                   828757C428FE0001 255 DFHTCL0
       30 EYUMAS4A CONM SUS MS4A                   8287330DE7FF0001 255 DFHTCL0
       31 EYUMAS1A CONM SUS MS1A                   8286F9BFE2FF0001 255 DFHTCL0
       31 EYUMAS2A CONM SUS MS2A                   828768265F690001 255 DFHTCL0
       31 EYUMAS3A CONM SUS MS3A                   82875901DD2E0001 255 DFHTCL0
       31 EYUMAS4A CONM SUS MS4A                   8287330EB91B0001 255 DFHTCL0
       32 EYUMAS1A CONM SUS MS1A                   8286F9C8BEE70001 255 DFHTCL0
       32 EYUMAS2A CONM SUS MS2A                   82876827888A0001 255 DFHTCL0
       32 EYUMAS3A CONM SUS MS3A                   8287597285100001 255 DFHTCL0
       32 EYUMAS4A COIE DIS MS4A                   82873344BD840001 255 DFHTCL0
```

Figure 98. The TASK view

Action commands

Table 209 shows the action commands you can issue from the TASK view. The overtype field is shown in Table 210 on page 278.

The action commands and overtype 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 209. 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 overtype field (see Table 210). **Note:** 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.
Where: **task** Is the ID of an executing task. **sysname** Is the specific or generic name of a CICS system.		

Table 210. TASK view overtype field

Field name	Values
Pri	0–255

Hyperlinks

Table 211 shows the hyperlink fields on the TASK view.

Table 211. 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

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 99 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 99. The TASKD view

Action commands

Table 212 on page 280 shows the action commands you can issue from the TASKD view. The overtype field is shown in Table 213 on page 280.

The action commands and overtype field for the TASKD view are available for all managed CICS systems for which TASKD is valid.

Table 212. 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 overtype field (see Table 213). **Note:** 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 213. TASKD view overtype field

Field name	Values
Priority	0–255

Hyperlinks

Table 214 shows the hyperlink fields on the TASKD view.

Table 214. 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

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 415
- “Identifying the tasks associated with a transaction” on page 416
- “Relating a set of tasks to a user ID” on page 417

Availability

The TASKS view is available for all managed CICS systems.

Access

Issue command:

```
TASKS [task [RUNning|DISpatchable|SUSpended [tranid]]]
```

Where the parameters are the same as those for TASK on page 276.

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 98 on page 277 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

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 100 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 100. The TASK2 view

Action commands

Table 215 on page 284 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 215. 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 overtype field (see Table 210). **Note:** 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.

Hyperlinks

Table 216 shows the hyperlink field on the TASK2 view.

Table 216. TASK2 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of the transaction.

TASK3

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 101 is 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.........                     Suspend Value...
     CICS System..... EYUMAS1A
     Elapsed Time..... 00:00:01           Current Suspend.  00:00:00
     Clocks==========.          Cnt       Clocks==========           Cnt
      Dispatch time... 00:00:01 ...    186  Lcl ENQ delay..  00:00:00 ...     0
      Suspend time.... 11:01:18 ...    186  Gbl 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 101. The TASK3 view

You can scroll to the right to see additional information, as shown in Figure 102 on page 286.

```
26MAR1999  09:48:45 ----------- INFORMATION DISPLAY ----------------------------
CURR WIN ===> 1        ALT WIN ===>
W1 =TASK=====TASK3====EYUPLX01===EYUPLX01=26MAR1999==09:30:57====CPSM==========1
      First dispatch                     Communications
       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------------                      LU61 I/O........ 00:00:00 ...     0
       Run Txn wait.... 00:00:00 ...      0  LU62 I/O........ 00:00:00 ...     0
       Interval wait... 00:00:00 ...      0  FEPI suspends... 00:00:00 ...     0
       Lockmgr Wait.... 00:38:00 ...      0  Socket I/O...... 00:00:00 ...     0
       External Wait... 00:00:00 ...      0 Temp. Storage----
       CICS Wait....... 00:00:00 ...      0  TS I/O.......... 00:00:00 ...     0
       Control Wait.... 00:00:00 ...      0  TS Shr I/O...... 00:00:00 ...     0
       Max Open TCB dly 00:00:00 ...      0 Files------------
       QR Mode Delay... 00:00:00 ...      0  FC I/O.......... 00:00:00 ...     0
      Syncpointing-----                      FC RLS I/O...... 00:00:00 ...     0
       SyncWait Time... 00:00:00 ...      0  FC CFDT I/O..... 00:00:00 ...     0
       Sync Delay...... 00:00:00 ...      0 DB2 waits--------
       FC CFDT SynPt... 00:00:00 ...      0  DB2 Conn. Wait.. 00:00:00 ...     0
       RRMS wait....... 00:00:00 ...      0  DB2 Readyq wait. 00:00:00 ...     0
                                             DB2 Req. wait... 00:00:00 ...     0
```

Figure 102. 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 217 on page 287 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.

Table 217. 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 overtype field (see Table 210). **Note:** 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.

Hyperlinks

Table 218 shows the hyperlink field on the TASK3 view.

Table 218. TASK3 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of the transaction.

TASK4

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 103 is an example of the TASK4 view.

```
26MAR1999  21:13:28 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
 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 103. The TASK4 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 219 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 219. 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 overtype field (see Table 210). **Note:** 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.

Hyperlinks

Table 220 shows the hyperlink field on the TASK4 view.

Table 220. TASK4 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	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 Reqs	TASK8	Detailed view about Web requests.

TASK5

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 104 is an example of the TASK5 view.

```
26MAR1999  21:13:28 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
 CURR WIN ===> 1        ALT WIN ===>
 >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 104. The TASK5 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 221 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 221. 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 overtype field (see Table 210). **Note:** 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.

Hyperlinks

Table 222 shows the hyperlink field on the TASK5 view.

Table 222. TASK5 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of the transaction.

TASK6

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 105 is an example of the TASK6 view.

```
26MAR1999  21:13:28 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
 CURR WIN ===> 1        ALT WIN ===>
 >W1 =TASK=====TASK6====EYUPLX01=EYUPLX01=26MAR1999==10:06:14====CPSM==========1
     Task ID.......       18 CICS System....  EYUMAS1A 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 105. The TASK6 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 223 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 223. 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 overtype field (see Table 210). **Note:** 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.

Hyperlinks

Table 224 shows the hyperlink field on the TASK6 view.

Table 224. TASK6 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	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

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 106 is an example of the TASK7 view.

```
26MAR1999  21:13:28 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
 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.......                         0
     Requests===========          Requests========                         0
      Run Proc/Act sync.        0  Process........        0
      Run Proc/Act async        0  Activity.......        0                 0
      Link Proc/Act.....        0 TOTAL...........        0                 0
      Suspend Proc/Act..        0                                          0
      Resume Proc/Act...        0 Event...........                         0
      Del/Can Proc/Act..        0 Requests========                         0
      Define Process....        0  Retr. Reattach.        0                 0
      Define Activity...        0  Define Input...        0                 0
      Acquire Proc/Act..        0  Timer Requests.        0                 0
      Reset Proc/Act....        0 TOTAL...........        0                 0
     TOTAL..............        0                                          0
```

Figure 106. The TASK7 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 225 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 225. 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 226 shows the hyperlink field on the TASK7 view.

Table 226. TASK7 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of the transaction.
Process Type	PROCTYP	General view of process types.

TASK8

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 107 is an example of the TASK8 view.

```
26MAR1999  21:13:28 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
 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 107. 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 227 shows the action commands you can issue from the TASK8 view.

The action commands for the TASK8 view are available for all managed CICS systems for which TASK8 is valid.

Table 227. 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 228 shows the hyperlink field on the TASK8 view.

Table 228. TASK8 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of the transaction.

TASK9

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 108 is an example of the TASK9 view.

```
26MAR1999  21:13:28 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
 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 108. 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.

Action commands

Table 229 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 229. 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 230 shows the hyperlink field on the TASK9 view.

Table 230. TASK9 view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	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

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 109 is an example of the TCPIPS view.

```
26MAR1999  12:05:22 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 109. The TCPIPS view

Action commands

Table 231 on page 303 shows the action commands you can issue from the TCPIPS view. The overtype field is shown in Table 232 on page 303.

The action commands and overtype fields for the TCPIPS view are available for all managed CICS systems for which TCPIPS is valid, except as noted in Table 231 on page 303 and Table 232 on page 303.

Table 231. 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.
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 232. TCPIPS view overtype field

Field name	Values
Status	OPEN | CLOSED

Hyperlinks

Table 233 shows the hyperlink field on the TCPIPS view.

Table 233. 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 TCPIPSS view by issuing the SUM display command.

TCPIPSD

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 110 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 110. The TCPIPSD view

Action commands

Table 234 on page 305 shows the action commands you can issue from the TCPIPSD view. The overtype fields are shown in Table 235 on page 305.

The action commands and overtype fields for the TCPIPSD view are available for all managed CICS systems for which TCPIPSD is valid.

Table 234. 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 235). **Note:** 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 235. TCPIPSD view overtype fields

Field name	Values
Open Status	OPEN | CLOSED
URM	8–character program name

Hyperlinks

Table 236 shows the hyperlink fields on the TCPIPSD view.

Table 236. TCPIPSD view hyperlink fields

Hyperlink field	View displayed	Description
Transid	LOCTRAND	Detailed view of the specified local transaction
URM	PROGRAMD	Detailed view of the specified program

TCPIPSS

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 302.

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 109 on page 302 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 237 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 238 on page 307.

The action commands and overtype fields for the TCPIPSS view are available for all managed CICS systems for which TCPIPSS is valid.

Table 237. 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.

Table 237. TCPIPSS view action commands (continued)

Primary command	Line command	Description
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 238. 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.

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.

TSMODEL

The TSMODEL view shows general information about installed temporary storage models.

Availability

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

Access

Issue command:

```
TSMODEL [tsm]
```

`tsm` Is the specific or generic name of a temporary storage model. If you omit this parameter, the view includes information about all temporary storage models within the current scope.

Note: You cannot specify a model name if it is a hexadecimal value.

Select:

TEMPSTOR from the OPERATE menu, and TSMODEL from the TEMPSTOR submenu.

Figure 111 is an example of the TSMODEL view.

```
26MAR1999  21:57:59 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =TSMODEL===========EYUPLX01=EYUPLX01=26MAR1999==21:57:59====CPSM==========1
CMD Model    CICS     TS Queue                          Rec Sec
--- ID-------System-- Prefix                           Att Att
    EYUTSM01 EYUMAS1A OEFF97CB4040404040404040404040 No  No
    EYUTSM01 EYUMAS2A USERAPP1                         No  No
    EYUTSM01 EYUMAS3A USERAPP1                         No  No
    EYUTSM02 EYUMAS1A SYSADM1                          Yes Yes
    EYUTSM02 EYUMAS2A SYSADM1                          Yes Yes
    EYUTSM03 EYUMAS1A USERAPP2                         Yes No
    EYUTSM04 EYUMAS3A SYSADM3                          No  Yes
```

Figure 111. The TSMODEL view

Action commands

Table 239 shows the action command that you can issue from the TSMODEL view.

Table 239. 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 112 on page 311.

```
------ 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 112. The TSMODEL deletion panel

Hyperlinks

Table 240 shows the hyperlink field on the TSMODEL view.

Table 240. TSMODEL view hyperlink field

Hyperlink field	View displayed	Description
Model Id	TSMODELD	Detailed view of the specified model.

TSMODELD

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 113 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... 0EFF97CB4040404040404040404040
    TSQ Location......                            MAIN

    Recovery Attribute                    NOTRECOVABLE
    Security Attribute                      NOSECURITY
    Shared Poolname...                        ........

    Remote System.....                            ....
    Remote Prefix.....                .................
```

Figure 113. The TSMODELD view

Action commands

Table 241 shows the action command that you can issue from the TSMODEL view.

Table 241. 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 112 on page 311.

Hyperlinks

None.

TSMODELS

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 [tsmodel]
```

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 111 on page 310 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.

TSPOOL

The TSPOOL view shows general information about temporary storage pools.

Availability

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

Access

Issue command:

```
TSPOOL [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 TSPOOL from the TEMPSTOR submenu.

Figure 114 is an example of the TSPOOL view.

```
26MAR1999  16:54:07 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =TSPOOL============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 114. The TSPOOL view

Action commands

None.

Hyperlinks

Table 242 shows the hyperlink field on the TSPOOL view.

Table 242. TSPOOL view hyperlink field

Hyperlink field	View displayed	Description
POOL ID	TSQSHR	Queues in the Temporary storage Pool.

TSQ

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 xii 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 115 is an example of the TSQ view. Figure 116 on page 317 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 115. The TSQ view

```
------ 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 116. The TSQ deletion panel

Action commands

Table 243 shows the action command that you can issue from the TSQ view.

Table 243. 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 116. Delete is only available on systems running CICS Transaction Server for OS/390 Release 3 or later.

Hyperlinks

Table 244 shows the hyperlink field on the TSQ view.

Table 244. 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

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 xii 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 117 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     NOTRECOVABLE
```

Figure 117. The TSQD view

Action commands

None.

Hyperlinks

None.

TSQS

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 xii 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 316.

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 115 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 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

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 118 is an example of the TSQGBL view.

```
26MAR1999  21:59:55 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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      2      0
    EYUMAS2A      0      0      0      0      0      0      1      0
    EYUMAS3A      0      0      0      0      0      0      1      0
    EYUMAS4A      0      0      0      0      0      0      1      0
```

Figure 118. The TSQGBL view

Action commands

None.

Hyperlinks

Table 245 shows the hyperlink field on the TSQGBL view.

Table 245. 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

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 119 is an example of the TSQGBLD view.

```
 26MAR1999 11:05:43 --------- INFORMATION DISPLAY -----------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 119. The TSQGBLD view

Action commands

None.

Hyperlinks

None.

TSQGBLS

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 118 on page 320 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

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 xii.

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 120 is an example of the TSQNAME view. Figure 121 on page 324 is an example of the TSQNAME Deletion Panel.

```
15SEP1998  10:45:39 --------INFORMATION DISPLAY -------------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 120. The TSQNAME view

```
------ Confirm Removal of Temporary Storage Queue from EYUPLX01 ---------------
COMMAND  ===>

 Queue Name               EYUTSQ01
 CICS System              EYUMAS1A

 Last User 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 121. The TSQNAME deletion panel

Action commands

Table 246 shows the action command that you can issue from the TSQNAME view.

Table 246. 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 247 shows the hyperlink field on the TSNAME view.

Table 247. TSQNAME view hyperlink field

Hyperlink field	View displayed	Description
Queue Name	TSQNAMED	Detailed view of the specified queue.

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

TSQNAMED

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 xii.

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 122 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                    NOTRECOVABLE
```

Figure 122. The TSQNAMED view

Action commands

None.

Hyperlinks

None.

TSQNAMES

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 xii.

Access

Issue command:

```
TSQNAMES [tsq]
```

Where the parameters are the same as those for TSQNAME view on page 323.

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 120 on page 323 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

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 TSPOOL view.

Figure 123 is an example of the TSQSHR view. Figure 124 on page 328 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 123. 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 124. The TSQSHR deletion panel

Action commands

Table 248 shows the action command that you can issue from the TSQHSHR view.

Table 248. TSQHSHR 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 124. Delete is only available on systems running CICS Transaction Server for OS/390 Release 3 or later.

Hyperlinks

Table 249 shows the hyperlink field on the TSQSHR view.

Table 249. 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

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 125 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....                          EYUMAS1A
  Pool Name......                          AHTSPL01
  Location.......                         AUXILIARY
  Number Items...                                 4
  Total Length...                                24
  Max Item Len...                                 6
  Min Item Len...                                 6
  Time since use.                                 1
```

Figure 125. The TSQSHRD view

Action commands

None.

Hyperlinks

None.

TSQSHRS

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 123 on page 327 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.

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 19.

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

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 126 is an example of the AIMODEL view.

```
26MAR1999  16:54:07 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 126. The AIMODEL view

Action commands

Table 250 shows the action command you can issue from the AIMODEL view.

Table 250. 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.

Table 250. AIMODEL action commands (continued)

Primary command	Line command	Description
Where: **aimodel** Is the specific or generic name of an autoinstall terminal model. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

None.

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

AIMODELS

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 332.

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 126 on page 332 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 251 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 251. 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

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 418.

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 127 on page 336 is an example of the TERMNL view.

```
26MAR1999  21:29:06 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 127. The TERMNL view

Action commands

Table 252 shows the action commands you can issue from the TERMNL view. The overtype fields are shown in Table 253 on page 337.

The action commands and overtype fields for the TERMNL view are available for all managed CICS systems for which TERMNL is valid, except as noted in Table 252.

Table 252. TERMNL action commands

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

Table 252. TERMNL action commands (continued)

Primary command	Line command	Description
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	Sets a terminal attribute according to the new value you specify in an overtype field (see Table 253). **Note:** 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.
Where: **terminal** Is the specific or generic name of a terminal. **sysname** Is the specific or generic name of a CICS system.		

Table 253. TERMNL view overtype 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 254 shows the hyperlink field on the TERMNL view.

Table 254. 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

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 128 is an example of the TERMNLD view.

```
26MAR1999  21:34:25 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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.           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 128. The TERMNLD view

Action commands

Table 255 on page 339 shows the action commands you can issue from the TERMNLD view. The overtype fields are shown in Table 256 on page 340.

The action commands and overtype fields for the TERMNLD view are available for all managed CICS systems for which TERMNLD is valid, except as noted in Table 255.

Table 255. TERMNLD action commands

Primary command	Line command	Description
ACQuire	ACQ	Acquires the terminal (VTAM only).
CANcel	CAN	Cancels automatic initiation descriptor (AID) queuing for a terminal. CANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
DiSCard	DSC	Discards a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded. Available for systems running the CICS TS for OS/390.
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	Sets a terminal attribute according to the new value you specify in an overtype field (see Table 256 on page 340). **Note:** 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 256. TERMNLD overtype 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 257 shows the hyperlink fields on the TERMNLD view.

Table 257. 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

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 335.

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 127 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 258 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 259 on page 342.

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 258.

Table 258. TERMNLS action commands

Primary command	Line command	Description
n/a	ACQ	Acquires a terminal (VTAM only).
n/a	CAN	Cancels automatic initiation descriptor (AID) queuing for a terminal. CAN is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.

Table 258. TERMNLS action commands (continued)

Primary command	Line command	Description
n/a	DSC	Discards a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded. Available for systems running the CICS TS for OS/390.
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 overtype field (see Table 259). **Note:** 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 259. TERMNLS view overtype 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

The TERMNL2 view shows detailed information about the definition settings of a currently installed terminal.

Availability

The TERNML2 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 129 is an example of the TERMNL2 view.

```
26MAR1999  21:35:02 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 Priorty.            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...    NOPRTCOPY Page Width...       40
    Map Suffix..            Alt Printer..              Dflt Page Ht.        1
    FMH Parms...   NOFMHPAR Alt Prt Copy. NOALTPRTCOPY 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....    NOHILIGHT Text Keyboard NOTEXTKY
    MSR Control.   NOMSRCON 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 129. The TERMNL2 view

Action commands

Table 260 on page 344 shows the action command you can issue from the TERMNL2 view. The overtype fields are shown in Table 261 on page 344.

The action commands and overtype fields for the TERMNL2 view are available for all managed CICS systems for which TERMNL2 is valid, except as noted in Table 260.

Table 260. TERMNL2 action command

Primary command	Line command	Description
ACQuire	ACQ	Acquires the terminal (VTAM only).
CANcel	CAN	Cancels automatic initiation descriptor (AID) queuing for a terminal. CANcel is available for CICS/ESA 4.1 and later systems, and CICS Transaction Server for VSE/ESA Release 1 and later systems.
DiSCard	DSC	Discards a terminal from the CICS system where it is installed. The terminal must be out of service before it can be discarded. Available for systems running the CICS TS for OS/390.
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	Sets a terminal attribute according to the new value you specify in an overtype field (see Table 261). **Note:** 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 261. TERMNL2 overtype 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

RQMODELD
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

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 427
- “Disabling a transaction globally” on page 428

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 130 is an example of the LOCTRAN view.

```
26MAR1999  08:24:49 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
>W1 =LOCTRAN===========EYUPLX01=EYUPLX01=26MAR1999==08:24:48====CPSM========220
CMD Tran CICS     Enabled  Use      Program  Pri TranCls  Purge        Dmp Rout
--- ID-- System-- Status-- Count    Name---- --- -------- ------------ --- ----
    BUSY EYUMAS1A ENABLED         0 EYU9BUSY   1        0 NOTPURGEABLE YES STAT
    BUSY EYUMAS1B ENABLED         0 EYU9BUSY   1        0 NOTPURGEABLE YES STAT
    CATA EYUMAS1A ENABLED         0 DFHZATA  255        0 PURGEABLE    YES STAT
    CATA EYUMAS1B ENABLED         0 DFHZATA  255        0 PURGEABLE    YES STAT
    CATD EYUMAS1A ENABLED         0 DFHZATD  255        0 PURGEABLE    YES STAT
    CATD EYUMAS1B ENABLED         0 DFHZATD  255        0 PURGEABLE    YES STAT
    CATR EYUMAS1A ENABLED         0 DFHZATR  255        0 NOTPURGEABLE YES STAT
    CATR EYUMAS1B ENABLED         0 DFHZATR  255        0 NOTPURGEABLE YES STAT
    CBRC EYUMAS1A ENABLED         0 DFHBRCP    1        0 NOTPURGEABLE YES STAT
    CBRC EYUMAS1B ENABLED         0 DFHBRCP    1        0 NOTPURGEABLE YES STAT
    CCR  EYUMAS1A ENABLED         0 CCR        1        0 NOTPURGEABLE NO  STAT
    CCR  EYUMAS1B ENABLED         0 CCR        1        0 NOTPURGEABLE NO  STAT
    Examples needed for dynamic routing.
```

Figure 130. The LOCTRAN view

Action commands

Table 262 shows the action commands you can issue from the LOCTRAN view. The overtype fields are shown in Table 263. 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 262 and Table 263.

Table 262. 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. **Note:** 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 overtype field (see Table 263). **Note:** 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.
Where: **tran** Is the specific or generic name of a local transaction. **sysname** Is the specific or generic name of a CICS system.		

Table 263. LOCTRAN view overtype 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 264 shows the hyperlink fields on the LOCTRAN view.

Table 264. LOCTRAN view hyperlink fields

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of the specified local transaction.
Program Name	PROGRAMD	Detailed view of the program associated with the local transaction.

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

LOCTRAND

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 131 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  Tranfef......           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 131. The LOCTRAND view

Action commands

Table 265 on page 350 shows the action commands you can issue from the LOCTRAND view. The overtype fields are shown in Table 266 on page 350.

The action commands and overtype fields for the LOCTRAND view are available for all managed CICS systems for which LOCTRAND is valid, except as noted in Table 265 on page 350 and Table 266 on page 350.

Table 265. 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. **Note:** 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 overtype field (see Table 266). **Note:** 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 266. LOCTRAND view overtype 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 267 shows the hyperlink fields on the LOCTRAND view.

Table 267. 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

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 428.

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 346.

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 130 on page 346 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 268 on page 352 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 269 on page 352.

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 268 on page 352.

Table 268. 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. **Note:** 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 269). **Note:** 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 269. 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

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 132 is an example of the REMTRAN view.

```
26MAR1999  20:53:01 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 132. The REMTRAN view

Action commands

Table 270 on page 354 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 270 on page 354.

Table 270. 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. **Note:** 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.
Where: **tran** Is the specific or generic name of a remote transaction. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

Table 271 shows the hyperlink field on the REMTRAN view.

Table 271. 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

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 133 is an example of the REMTRAND view.

```
26MAR1999  20:54:47 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 133. The REMTRAND view

Action commands

Table 272 on page 356 shows the action commands you can issue from the REMTRAND view. The overtype fields are shown in Table 273 on page 356.

The action commands and overtype fields for the REMTRAND view are available for all managed CICS systems for which REMTRAND is valid, except as noted in Table 272 on page 356.

Table 272. 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. **Note:** 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 overtype field (see Table 273). **Note:** 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 273. REMTRAND view overtype 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

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 353.

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 132 on page 353 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 274 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 274.

Table 274. 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. **Note:** 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

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 134 is an example of the TRAN view.

```
26MAR1999  21:35:20 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 134. 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.

Hyperlinks

Table 275 shows the hyperlink field on the TRAN view.

Table 275. TRAN view hyperlink field

Hyperlink field	View displayed	Description
Tran ID	LOCTRAND	Detailed view of the specified local transaction.
	REMTRAND	Detailed view of the specified remote transaction.

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

TRANS

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 359.

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 134 on page 359 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

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 135 is an example of the RQMODEL view.

```
26MAR1999  21:35:20 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 135. The RQMODEL view

Action commands

Table 276 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 276. 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 136 on page 363.

```
------------- Confirm Removal of Request Model from EYUPLX01 ---------------
COMMAND  ===>

 Model Name               EYUTSQ01
 CICS System              EYUMAS1A
 OMG Module               COM::IBM::COSLIFECYCLE

 OMG Interface            GENERICFACTORY
 OMG Operation            *

 Deletion of this RQModel may cause all subsequent inbound IIOP requests
 which match the selection criteria for this model to be evaluated
 against a different model with less precise selection criteria.
 This may cause a different CICS transaction id to be selected to
 perform the inbound IIOP request.

 Press ENTER to discard the Model.
 Type END or CANCEL to cancel without discarding.
```

Figure 136. The RQMODEL deletion panel

Hyperlinks

Table 277 shows the hyperlink field on the RQMODEL view.

Table 277. RQMODEL view hyperlink field

Hyperlink field	View displayed	Description
Request Model id	RQMODELD	Detailed view of the selected request model.

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

RQMODELD

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 137 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 137. The RQMODELD view

Action commands

Table 278 shows the action commands you can issue from the RQMODELD view.

The action commands and overtype fields for the RQMODELD view are available for all managed CICS systems for which RQMODELD is valid.

Table 278. RQMODELD view action commands

Primary command	Line command	Description
DiSCard	DSC	Discards the request model from the local CICS system.

Hyperlinks

None.

RQMODELS

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” on page 362.

Select:

TRANS from the OPERATE menu, and RQMODELS from the TRANS submenu.

Summarize:

Issue the SUM display command from a RQMODEL view.

Figure 138 is an example of the RQMODELS view.

```
26MAR1999  21:35:20 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 138. The RQMODELS view

Action commands

Table 279 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 279. 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.

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

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 139 is an example of the EXTRATDD view.

```
26MAR1999  18:37:59 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 139. The EXTRATDD view

Action commands

Table 280 on page 370 shows the action commands you can issue from the EXTRATDD view. The overtype fields are shown in Table 281 on page 370.

The action commands and overtype fields for the EXTRATDD view are available for all managed CICS systems for which EXTRATDD is valid, except CICS/MVS 2.1.2.

transient data queues – EXTRATDD

Additional exceptions are noted in Table 280 and Table 281 .

Table 280. 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. **Notes:** 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. **Notes:** 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 overtype field (see Table 281). **Note:** 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 281. EXTRATDD view overtype 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

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 140 is an example of the EXTRATDQ view.

```
26MAR1999  18:32:13 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =EXTRATDQ==========EYUPLX01=EYUPLX01=26MAR1999==18:32:13=CPSM=========24===
CMD Queue CICS     Enabled  Open    Empty    I/O      Lrecl 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 140. The EXTRATDQ view

Action commands

Table 282 shows the action commands you can issue from the EXTRATDQ view. The overtype fields are shown in Table 283 on page 373.

The action commands and overtype 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 282 and Table 283 on page 373.

Table 282. 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. **Notes:** 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. **Notes:** 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 overtype field (see Table 283 on page 373). **Note:** 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.
Where: **tdq** Is the specific or generic name of an extrapartition transient data queue. **sysname** Is the specific or generic name of a CICS system.		

Table 283. EXTRATDQ view overtype 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 284 shows the hyperlink field on the EXTRATDQ view.

Table 284. 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

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 371.

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 140 on page 371 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 285 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 overtype fields are shown in Table 286 on page 375.

The action commands and overtype 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 285 and Table 286 on page 375.

Table 285. EXTRATDS view action commands

Primary command	Line command	Description
n/a	CLS	Closes a queue. Also not available for CICS/VSE 2.2 systems.

Table 285. EXTRATDS view action commands (continued)

Primary command	Line command	Description
n/a	DIS	Disables a queue. **Notes:** 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.
n/a	DSC	Discards a queue. **Notes:** 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 overtype field (see Table 286). **Note:** 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 286. EXTRATDS view overtype 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

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 141 is an example of the INDTDQ view.

```
26MAR1999  18:37:46 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 141. The INDTDQ view

Action commands

Table 287 on page 377 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 287. INDTDQ view action command

Primary command	Line command	Description
DiSCard `ind-tdq sysname`	DSC	Discards a queue.
Where: **ind-tdq** Is the specific or generic name of an indirect transient data queue. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

Table 288 shows the hyperlink field on the INDTDQ view.

Table 288. 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

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 142 is an example of the INDTDQD view.

```
26MAR1999  20:28:26 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                 SCROLL ===> PAGE
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 142. The INDTDQD view

Action commands

Table 289 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 289. INDTDQD view action command

Primary command	Line command	Description
DiSCard	DSC	Discards a queue.

Hyperlinks

Table 290 shows the hyperlink field on the INDTDQD view.

Table 290. 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

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 376.

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 141 on page 376 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 291 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 291. 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

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 143 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 143. The INTRATDD view

Action commands

Table 292 on page 382 shows the action commands you can issue from the INTRATDD view. The overtype fields are shown in Table 293 on page 382.

The action commands and overtype 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 293 on page 382.

Table 292. INTRATDD view action commands

Primary command	Line command	Description
DISable	DIS	Disables the queue. **Notes:** 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. **Notes:** 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 overtype field (see Table 293). **Note:** 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 293. INTRATDD view overtype 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

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 144 is an example of the INTRATDQ view.

```
26MAR1999  18:39:31 ----------- INFORMATION DISPLAY ----------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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       0 NOTRECOVABL
    EQ01  EYUMAS3A ENABLED          0                  1       0 NOTRECOVABL
    EQ01  EYUMAS4A ENABLED          0                  1       0 NOTRECOVABL
```

Figure 144. The INTRATDQ view

Action commands

Table 294 on page 384 shows the action commands you can issue from the INTRATDQ view. The overtype fields are shown in Table 295 on page 384.

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 295 on page 384.

transient data queues – INTRATDQ

Table 294. INTRATDQ view action commands

Primary command	Line command	Description
DISable `tdq sysname`	DIS	Disables a queue. **Notes:** 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. **Notes:** 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 overtype field (see Table 295). **Note:** 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.
Where: **tdq** Is the specific or generic name of an intrapartition transient data queue. **sysname** Is the specific or generic name of a CICS system.		

Table 295. INTRATDQ view overtype 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 296 shows the hyperlink field on the INTRATDQ view.

Table 296. INTRATDQ view hyperlink field

Hyperlink field	View displayed	Description
Queue ID	INTRATDD	Detailed view of the specified intrapartition transient data queue.

Note: You can also display to the INTRATDS view by issuing the SUM display command.

INTRATDS

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 383.

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 144 on page 383 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 297 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 298 on page 387.

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 298 on page 387.

Table 297. INTRATDS view action commands

Primary command	Line command	Description
n/a	DIS	Disables a queue. **Notes:** 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.

Table 297. INTRATDS view action commands (continued)

Primary command	Line command	Description
n/a	DSC	Discards a queue. **Notes:** 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 overtype field (see Table 298). **Note:** 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 298. INTRATDS view overtype 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

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 145 on page 389 is an example of the QUEUE view.

```
26MAR1999  20:28:20 ----------- INFORMATION DISPLAY --------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 145. The QUEUE view

Action commands

There are no action commands or overtype 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 299 shows the hyperlink field on the QUEUE view.

Table 299. 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

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 388.

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 145 on page 389 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, INDTDQ, 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

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 146 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 146. The REMTDQ view

Action commands

Table 300 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 300. REMTDQ view action command

Primary command	Line command	Description
DiSCard rem-tdq sysname	DSC	Discards a queue.

Table 300. REMTDQ view action command (continued)

Primary command	Line command	Description
Where: **rem-tdq** Is the specific or generic name of an remote transient data queue. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

Table 301 shows the hyperlink field on the REMTDQ view.

Table 301. 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

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 147 is an example of the REMTDQD view.

```
26MAR1999  20:48:59 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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 147. The REMTDQD view

Action commands

Table 302 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 302. REMTDQD view action command

Primary command	Line command	Description
DiSCard	DSC	Discards a queue.

Hyperlinks

None.

REMTDQS

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 391.

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 146 on page 391 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 303 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 303. 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

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 148 is an example of the TDQGBL view.

```
26MAR1999  21:25:55 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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     100       1         0
    EYUMAS2A       0       0       0       0       0       0       0         0
    EYUMAS3A       0       0       0       0       0     100       1         0
    EYUMAS4A       0       0       0       0       0     100       1         0
```

Figure 148. The TDQGBL view

Action commands

None.

Hyperlinks

Table 304 shows the hyperlink field on the TDQGBL view.

Table 304. 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

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 149 is an example of the TDQGBLD view.

```
26MAR1999  21:15:34 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 149. The TDQGBLD view

Action commands

None.

Hyperlinks

None.

TDQGBLS

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 148 on page 395 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.

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

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 150 is an example of the UOWDSNF view.

```
26MAR1999  20:28:02 ----------- INFORMATION DISPLAY --------------------------
COMMAND  ===>                                              SCROLL ===> PAGE
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-- ----------- ---------------- Access ----- -----
    F0F1F0F2F0F3F0F4 EYUMAS1A CACHE       RLSGONE          NOTRLS MVSE  N/A
```

Figure 150. The UOWDSNF view

Action commands

None.

Hyperlinks

Table 305 shows the hyperlink field on the UOWDSNF view.

Table 305. UOWDSNF view hyperlink field

Hyperlink field	View displayed	Description
Unit of Work ID	UOWDSNFD	Detailed view of the shunted unit of work.

UOWDSNFD

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 151 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.                          EYUMAS1A Dataset Name
    Fail Cause..                             CACHE Failed Netid
    Fail Reason.                           RLSGONE
    Failed SysID                              MVSE
```

Figure 151. 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

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 150 on page 400 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

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 152 is an example of the UOWENQ view.

```
26MAR1999  20:28:02 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 152. The UOWENQ view

Action commands

None.

Hyperlinks

Table 306 shows the hyperlink field on the UOWENQ view.

Table 306. 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

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 153 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 153. The UOWENQD view

Action commands

None.

Hyperlinks

None.

UOWENQS

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 152 on page 403 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

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 154 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 154. The UOWLINK view

Action commands

Table 307 shows the action command you can issue from the UOWLINK view.

Table 307. 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.
Where: **link** Is the specific or generic name of a link. **sysname** Is the specific or generic name of a CICS system.		

Hyperlinks

Table 308 shows the hyperlink field on the UOWLINK view.

Table 308. 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

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 155 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 155. The UOWLINKD view

Action commands

Table 309 shows the action command you can issue from the UOWLINKD view.

Table 309. 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

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 154 on page 406 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 310 shows the action command you can issue from the UOWLINKS view.

Table 310. 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

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 156 is an example of the UOWORK view.

```
26MAR1999  21:12:12 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
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 156. The UOWORK view

Action commands

Table 311 shows the action commands you can issue from the UOWORK view. The overtype fields are shown in Table 312 on page 411.

Table 311. 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 312 on page 411). **Note:** 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 312. UOWORK view overtype fields

Field name	Values
State	COMMIT | BACKOUT | FORCE

Hyperlinks

Table 313 shows the hyperlink field on the UOWORK view.

Table 313. UOWORK view hyperlink field

Hyperlink field	View displayed	Description
Unit of Work ID	UOWORKD	Detailed view of the specified unit of work.

UOWORKD

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 157 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 157. The UOWORKD view

Action commands

Table 314 shows the action commands you can issue from the UOWORKD view. The overtype fields are shown in Table 315.

Table 314. 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 overtype field (see Table 315). **Note:** 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 315. UOWORKD view overtype fields

Field name	Values
State	COMMIT | BACKOUT | FORCE

Hyperlinks

None.

UOWORKS

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 156 on page 410 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.

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 316. Example operations tasks

Example	Page
Finding out how many tasks are associated with a transaction	415
Identifying the tasks associated with a transaction	416
Relating a set of tasks to a user ID	417
Checking the status of a terminal	418
Checking the status of a communications link	420
Finding out which CICS systems a file is available to	421
Correlating local and remote file names	422
Finding out which data set a program came from in a specified CICS system	423
Finding out why a CICSPlex SM event occurred	424
Disabling a transaction in a single CICS system	427
Disabling a transaction globally	428
Finding out which resources are being monitored in a CICS system	429
Deactivating a workload definition	429
Discarding an active transaction from a workload	430

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  ===>                                                SCROLL ===> PAGE
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 CICSPA03 CONL RUN MS3A                   828724D61FFE0001 255 00
       23 CICSPA04 CONL RUN MS4A                   82872F4701790001 255 00
       25 CICSPA01 CONL RUN MS1A                   8286F48104090001 255 00
       25 CICSPA02 CONL RUN MS2A                   828762970A100001 255 00
       28 CICSPA04 COI0 SUS MS4A                   8287326E71A30001 255 00
       29 CICSPA04 CONM SUS MS4A                   8287330C8DCA0001 255 00
       30 CICSPA01 COI0 SUS MS1A                   8286F85B336B0001 255 00
       30 CICSPA02 COI0 SUS MS2A                   82876748A5B40001 255 00
       30 CICSPA03 COI0 SUS MS3A                   828757C428FE0001 255 00
       30 CICSPA04 CONM SUS MS4A                   8287330DE7FF0001 255 00
       31 CICSPA01 CONM SUS MS1A                   8286F9BFE2FF0001 255 00
       31 CICSPA02 CONM SUS MS2A                   828768265F690001 255 00
       31 CICSPA03 CONM SUS MS3A                   82875901DD2E0001 255 00
       31 CICSPA04 CONM SUS MS4A                   8287330EB91B0001 255 00
       32 CICSPA01 CONM SUS MS1A                   8286F9C8BEE70001 255 00
       32 CICSPA02 CONM SUS MS2A                   82876827888A0001 255 00
       32 CICSPA03 CONM SUS MS3A                   8287597285100001 255 00
       32 CICSPA04 COIE DIS MS4A                   82873344BD840001 255 00
```

For a more complete description of the TASK view, see “TASK” on page 276.

3. 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.

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  ===>                                                SCROLL ===> PAGE
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 CICSPA03 CONL RUN MS3A                   828724D61FFE0001 255 00
       23 CICSPA04 CONL RUN MS4A                   82872F4701790001 255 00
       25 CICSPA01 CONL RUN MS1A                   8286F48104090001 255 00
       25 CICSPA02 CONL RUN MS2A                   828762970A100001 255 00
       28 CICSPA04 COI0 SUS MS4A                   8287326E71A30001 255 00
       29 CICSPA04 CONM SUS MS4A                   8287330C8DCA0001 255 00
       30 CICSPA01 COI0 SUS MS1A                   8286F85B336B0001 255 00
       30 CICSPA02 COI0 SUS MS2A                   82876748A5B40001 255 00
       30 CICSPA03 COI0 SUS MS3A                   828757C428FE0001 255 00
       30 CICSPA04 CONM SUS MS4A                   8287330DE7FF0001 255 00
       31 CICSPA01 CONM SUS MS1A                   8286F9BFE2FF0001 255 00
       31 CICSPA02 CONM SUS MS2A                   828768265F690001 255 00
       31 CICSPA03 CONM SUS MS3A                   82875901DD2E0001 255 00
       31 CICSPA04 CONM SUS MS4A                   8287330EB91B0001 255 00
       32 CICSPA01 CONM SUS MS1A                   8286F9C8BEE70001 255 00
       32 CICSPA02 CONM SUS MS2A                   82876827888A0001 255 00
       32 CICSPA03 CONM SUS MS3A                   8287597285100001 255 00
       32 CICSPA04 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 CICSPA01, 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 CICSPA01.

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  ===>                                                SCROLL ===> PAGE
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 CICSPA03 CONL RUN MS3A                   828724D61FFE0001 255 00
       23 CICSPA04 CONL RUN MS4A                   82872F4701790001 255 00
       25 CICSPA01 CONL RUN MS1A                   8286F48104090001 255 00
       25 CICSPA02 CONL RUN MS2A                   828762970A100001 255 00
       28 CICSPA04 COI0 SUS MS4A                   8287326E71A30001 255 00
       29 CICSPA04 CONM SUS MS4A                   8287330C8DCA0001 255 00
       30 CICSPA01 COI0 SUS MS1A                   8286F85B336B0001 255 00
       30 CICSPA02 COI0 SUS MS2A                   82876748A5B40001 255 00
       30 CICSPA03 COI0 SUS MS3A                   828757C428FE0001 255 00
       30 CICSPA04 CONM SUS MS4A                   8287330DE7FF0001 255 00
       31 CICSPA01 CONM SUS MS1A                   8286F9BFE2FF0001 255 00
       31 CICSPA02 CONM SUS MS2A                   828768265F690001 255 00
       31 CICSPA03 CONM SUS MS3A                   82875901DD2E0001 255 00
       31 CICSPA04 CONM SUS MS4A                   8287330EB91B0001 255 00
       32 CICSPA01 CONM SUS MS1A                   8286F9C8BEE70001 255 00
       32 CICSPA02 CONM SUS MS2A                   82876827888A0001 255 00
       32 CICSPA03 CONM SUS MS3A                   8287597285100001 255 00
       32 CICSPA04 COIE DIS MS4A                   82873344BD840001 255 00
```

3. 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  ===>                                                SCROLL ===> PAGE
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 CICSPA04     6 CO** ************ MS4A          82873344BD840001 255
         33 CICSPA01     5 CO** ************ MS1A          8286FB35428F0001 255
         33 CICSPA02     5 CO** ************ MS2A          828768872BE10001 255
         33 CICSPA03     5 CO** ************ MS3A          828759CCD42F0001 255
```

   For a more complete description of the TASKS view, see “TASKS” on page 282. The Count column tells you how many tasks are associated with each user ID.

4. 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  ===>                                                SCROLL ===> PAGE
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” on page 335.

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  ===>                                                SCROLL ===> PAGE
   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  ===>                                                SCROLL ===> PAGE
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 CICSPA01 LU62 CICSPA05 RELEASED   INSERVICE  NOTPENDING
    1A2A CICSPA01 MRO  CICSPA02 NOTAPPLIC  INSERVICE  NOTAPPLIC
    1A3A CICSPA01 MRO  CICSPA03 NOTAPPLIC  INSERVICE  NOTAPPLIC
    2A1A CICSPA02 MRO  CICSPA01 NOTAPPLIC  INSERVICE  NOTAPPLIC
    2A4A CICSPA02 MRO  CICSPA04 NOTAPPLIC  INSERVICE  NOTAPPLIC
    3A1A CICSPA03 MRO  CICSPA01 NOTAPPLIC  INSERVICE  NOTAPPLIC
    3A4A CICSPA03 MRO  CICSPA04 NOTAPPLIC  INSERVICE  NOTAPPLIC
    4A1B CICSPA04 LU62 CICSPA05 RELEASED   INSERVICE  NOTPENDING
    4A2A CICSPA04 MRO  CICSPA02 NOTAPPLIC  INSERVICE  NOTAPPLIC
    4A3A CICSPA04 MRO  CICSPA03 NOTAPPLIC  INSERVICE  NOTAPPLIC
```

   For a more complete description of the CONNECT view, see "CONNECT" on page 20.

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  ===>                                                SCROLL ===> CSR
CURR WIN ===> 1        ALT WIN ===>
 W1 =CONNECT=CONNECTD==PLXPROD1=PLXPROD1=26MAR1999==10:08:30====CPSM==========1
    Connect ID....       1A1B CICS System...  CICSPA01 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.......   CICSPA05 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" on page 24.

   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  ===>                                                SCROLL ===> PAGE
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 CICSPF01 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF02 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF03 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF04 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF05 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF06 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF07 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF08 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF09 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF0A UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF0B UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF0C UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
```

   For a more complete description of the LOCFILE view, see "LOCFILE" on page 147.

   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  ===>                                                SCROLL ===> PAGE
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 CICSPF01 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF02 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF03 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF04 ENABLED   CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF05 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF06 ENABLED   OPEN   YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF07 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF08 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF09 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF0A UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF0B UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE1 CICSPF0C UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE2 CICSPF0C ENABLED   OPEN   YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE4 CICSPF0C UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILE5 CICSPF03 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILEA CICSPF03 UNENABLED CLOSED YES YES YES YES YES 01  PP.PAYROLL.MSTR
    PAYFILEB CICSPF03 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  ===>                                                SCROLL ===> PAGE
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 CICSPA01 PAYFILE1 AF01
    PAYFILER CICSPA02 PAYFILE1 AF01
```

   For a more complete description of the REMFILE view, see "REMFILE" on page 163.

   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:

```
26MAR1999  17:23:40 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =CONNECT===========PLXPROD1=PLXPROD1=26MAR1999==17:23:40====CPSM==========1
CMD Conn CICS     CONN Netname  Connect    Service    Pending
--- ID-- System-- Type -------- Status---- Status---- Status----
    AF01 CICSPA01 LU62 CICSAF01 ACQUIRED   INSERVICE  NOTPENDING
    AF01 CICSPA02 LU62 CICSAF01 ACQUIRED   INSERVICE  NOTPENDING
    AF01 CICSPA03 LU62 CICSAF01 ACQUIRED   INSERVICE  NOTPENDING
```

From this view, you can see that the remote system is CICSAF01. (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 CICSAF01.)

4. Change the scope.

   The next step is to look at all local files called PAYFILE1 in the remote CICS system CICSAF01. First, you must change the scope, so that any data you get back from CICSPlex SM relates only to CICSAF01. To do this, issue the command SCO CICSAF01.

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 CICSAF01, is displayed:

```
26MAR1999  17:24:33 ----------- INFORMATION DISPLAY ---------------------------
COMMAND  ===>                                                SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
>W1 =LOCFILE==========PLXPROD1=CICSAF01=26MAR1999==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 CICSAF01 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 CICSPA01. This command tells CICSPlex SM that you want to see detailed information about program PRGPAYR1 in CICS system CICSPA01. (Notice that the CICS system CICSPA01 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...    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
```

For a more complete description of the PROGRAMD view, see “PROGRAMD” on page 213.

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” on page 221.

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
--- -------- --- -------- -------- Column------ -------- ----------------------
    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  ===>                                                SCROLL ===> PAGE
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  ===>                                                SCROLL ===> PAGE
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 CICSPA01 RELEASED   INSERVICE  NOTPENDING
    AA02 CICSPT01 LU62 CICSPA02 ACQUIRED   INSERVICE  NOTPENDING
    AA03 CICSPT01 LU62 CICSPA03 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 CICSPA01. (CICSPA01 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 CICSPA01. The LOCTRAN view shows the status value of transaction PAY1 in CICS system CICSPA01 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 CICSPA01, and either:

   - Overtype 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 CICSPA01 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.

2. List all local transactions.

   Issue the command LOCTRAN. The LOCTRAN view, showing all transactions in the current scope (CICSPA01), is displayed.

3. 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.

1. If the current context isn't PLXPROD1, issue the command CON PLXPROD1 from the current view.
2. 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  ===>                                                SCROLL ===> PAGE
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" on page 346.

3. 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  ===>                                                SCROLL ===> PAGE
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" on page 351.

   The count field shows the number of occurrences of transaction PAY1 in the current scope.

4. 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  ===>                                              SCROLL ===> PAGE
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 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 CICSPA01.

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 CICSPA01 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 CICSPA01, is displayed:

```
COMMAND  ===>                                              SCROLL ===> PAGE
CURR WIN ===> 1        ALT WIN ===>
 W1 =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 CICSPA01 ACTIVE              PAY1     MTRAN    YES     NO
    MODPAY02 CICSPA01 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 =WLMAWDEF==========PLXPROD1=PLXPROD1=26MAR1999==22:10:58=CPSM==========3===
CMD Name     Workload Ownr Trangrp  Luname            Userid   AOR      Descrip
--- -------- -------- ---- -------- ---------------- -------- Scope--- -------
    WLDPAY01 WLSPAY01 CM1B TRGPAY01 *                *        CICSPA02 Separat
    WLDPAY02 WLSPAY01 CM1B TRGPAY02 *                USRPAY03 CICSPA03 Separat
    WLDPAY03 WLSPAY01 CM1B TRGPAY03 *                *        CSGTGTS1 TRGPAY0
```

3. Discard workload definition WLDPAY02.

   In the WLMAWDEF view, move the cursor to the entry for WLDPAY02, and issue DSC from the line-command field. The Discard Active Workload Definition panel is displayed. To confirm the deactivation of WLDPAY02, press Enter. The WLMAWDEF view is displayed, minus the entry for WLDPAY02.

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 WLMAWDEF 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 Trangrp  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 *overtype 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.

overtype 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 is the Dynamic field in either the transaction definition or the progam 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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