First edition (March 2001)

This edition applies to Version 2 Release 1 of CICS Transaction Server for z/OS, program number 5697-E93, and to all subsequent versions, releases, and modifications until otherwise indicated in new editions. Make sure you are using the correct edition for the level of the product.

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Preface

This book provides usage information for the IBM CICSplex® System Manager (CICSplex SM) element of CICS® Transaction Server for z/OS™. 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 System Manager 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 z/OS, Version 2 Release 1. The term CICSplox (spelled with a lowercase letter p) means the largest set of CICS systems to be managed by CICSplox SM as a single entity.

Other terms used in this book are:

- CICS The CICS element of CICS TS for z/OS.
- MVS™ The operating system which is a base element of z/OS.

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 CICSplox SM terms used in this book, please refer to the Glossary.

Syntax notation and conventions used in this book

The syntax descriptions of the CICSplox 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 CICSplox 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 {} or brackets [ ] 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 System Manager User Interface Guide.

• The 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 z/OS 2.1
• 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 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/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 z/OS 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

<table>
<thead>
<tr>
<th>CICS system</th>
<th>CICSPlex SM component of CICS TS 2.1</th>
<th>CICSPlex SM component of CICS TS 1.3</th>
<th>CICSPlex SM 1.3</th>
<th>CICSPlex SM 1.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>CICS TS 2.1</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>CICS TS 1.3</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>CICS TS 1.2</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>CICS TS 1.1</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CICS for MVS/ESA 4.1</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CICS for MVS/ESA 3.3</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CICS for MVS 2.1.2</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CICS for OS/2 3.1</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>CICS for OS/2 3.0</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>CICS/OS2 2.0.1</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Summary of changes

This book is based on the CICSPlex System Manager Monitor Views Reference, Release 3 edition, SC34-5738-01.

Changes for CICS Transaction Server for z/OS Version 2 Release 1

There are no changes to this book for CICS Transaction Server for z/OS Version 2 Release 1.

Changes for CICS Transaction Server for OS/390 Version 1 Release 3

The following additions and changes made to the functions of the CICSPlex SM element of CICS Transaction Server for OS/390 Version 1 Release 3 affect the contents of this book.

- To support CICS-maintained data tables, there are two new views, MCMDT2 and MCMDT3
- The MLOCTRA2 and MLOCTRA3 views have been redesigned, and there is a new view, MLOCTRA4.
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 CICSpex. The monitor view commands are described in this book. The operations view commands are described in CICSPlex System Manager Operations Views Reference; the CICSPlex SM definitions are described in the relevant CICSPlex SM book: CICSPlex System Manager Managing Workloads, CICSPlex System Manager Managing Resource Usage, and CICSPlex System Manager Managing Business Applications.

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

Monitoring CICS resources

The CICSPlex SM monitor views provide a single-system image of the CICS resources for which resource monitoring has been requested.

Notes:
1. Monitor data is available only for resources that are currently being monitored by CICSPlex SM. For information about defining the resources to be monitored, see the discussion of resource monitoring in CICSPlex System Manager Managing Resource Usage.
2. Monitor data is not available for systems running CICS for OS/2.

The monitor views provide two types of information:
- CICS COLLECT STATISTICS data
- CICSPlex SM derived values

Derived values are the result of CICSPlex SM processing CICS statistics to produce rates, averages, and percentages. These values are reported for two different time periods:
- The sample interval is the period of time for which data is collected for a resource. When resource monitoring is set up, the sample interval indicates how frequently data should be collected. Once monitoring begins, data is displayed after the first full sample interval.
monitoring CICS resources

- The **monitor interval** is the length of time for which data from the sample intervals is to be accumulated and averaged. At the end of the monitor interval, the CICSPlex SM statistics counters are automatically reset.

The derived values in a monitor view appear under field names that begin with one of the following:

**CS or CURR**
Current Sample. This value reflects data collected during the most recent sample interval.

**MI or INTV**
Monitor Interval. This value reflects the data accumulated thus far in the monitor interval.

Understanding monitor view names

The CICSPlex SM monitor 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.

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 MTERMNWL view shows general information about monitored terminals.

Below the general view there may be one or more **detailed views**. These views present detailed information about a single resource within the CICSpex. 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 detailed MTERMNWL view is called MTERMNWLD. 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 MLOCTRAN detailed view is MLOCTRA2.

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 MTERMNWL is MTERMNWLS.

Most monitor views have a corresponding operations view that presents operations data about the same type of resource. The name of each operations view is the name of the corresponding monitor view without the initial M. For example, the general operations view for terminals is TERMNL.
Table 2 summarizes the view naming conventions:

**Table 2. Summary of CICSPlex SM view naming conventions**

<table>
<thead>
<tr>
<th>Type of view</th>
<th>How the name is formed</th>
<th>Example name</th>
</tr>
</thead>
<tbody>
<tr>
<td>General view</td>
<td>Based on the resource being presented</td>
<td>MTERMNL</td>
</tr>
<tr>
<td>Detailed view (first)</td>
<td>Add a D to the end of the general view name</td>
<td>MTERMNLD</td>
</tr>
<tr>
<td>Detailed view (subsequent)</td>
<td>Add a number to the end of the general view name</td>
<td>MLOCTRA2</td>
</tr>
<tr>
<td>Summary view</td>
<td>Add an S to the end of the general view name</td>
<td>MTERMNLS</td>
</tr>
<tr>
<td>Corresponding operations view</td>
<td>Delete the M at the beginning of the general view name</td>
<td>TERMNL</td>
</tr>
</tbody>
</table>

**Availability for CICS releases**

The CICS platforms and releases supported by CICSPlex SM are given in [CICS system connectivity on page viii](#). 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 monitor 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.

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:

```
BBMXB015I 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 monitor views**

Table 3 on page 4 identifies the monitor views, gives a brief description of the monitor data shown in the views, and indicates where each view is discussed.

**Notes:**

1. The views are organized alphabetically by resource type. You do not have to access the views in any particular order.
### Table 3. The monitor views

<table>
<thead>
<tr>
<th>View</th>
<th>Displays</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCICSDSA</td>
<td>General view of dynamic storage areas (DSAs) within monitored CICS systems</td>
<td>8</td>
</tr>
<tr>
<td>MCICSDSD</td>
<td>Detailed view of a specific DSA within a monitored CICS system</td>
<td>10</td>
</tr>
<tr>
<td>MCICSDSS</td>
<td>Summary view of DSAs within monitored CICS systems</td>
<td>12</td>
</tr>
<tr>
<td>MCICSRGD</td>
<td>Detailed view of a specific monitored CICS system</td>
<td>13</td>
</tr>
<tr>
<td>MCICSRGN</td>
<td>General view of monitored CICS systems</td>
<td>15</td>
</tr>
<tr>
<td>MCICSRGS</td>
<td>Summary view of monitored CICS systems</td>
<td>17</td>
</tr>
<tr>
<td>MCICSRG2</td>
<td>Detailed view of a specific monitored CICS system</td>
<td>17</td>
</tr>
<tr>
<td>MCMDT</td>
<td>General view of monitored files that have CICS- or user-maintained data tables, or coupling facility data tables, associated with them</td>
<td>17</td>
</tr>
<tr>
<td>MCMDTD</td>
<td>Detailed view of a specific monitored file that has a CICS- or user-maintained data table, or coupling facility data tables, associated with it</td>
<td>19</td>
</tr>
<tr>
<td>MCMDTS</td>
<td>Summary view of monitored files that have CICS- or user-maintained data tables, or coupling facility data tables, associated with them</td>
<td>51</td>
</tr>
<tr>
<td>MCMDT2</td>
<td>Detailed view of information concerning the table component of a CICS- or user-maintained data table, or coupling facility data table</td>
<td>52</td>
</tr>
<tr>
<td>MCMDT3</td>
<td>Detailed view of statistical information concerning the data table component of a CICS- or user-maintained data table, or coupling facility data table</td>
<td>54</td>
</tr>
<tr>
<td>MCONNCT</td>
<td>General view of monitored ISC and MRO connections</td>
<td>26</td>
</tr>
<tr>
<td>MCONNCTD</td>
<td>Detailed view of a specific monitored ISC or MRO connection</td>
<td>26</td>
</tr>
<tr>
<td>MCONNCTS</td>
<td>Summary view of monitored ISC and MRO connections</td>
<td>26</td>
</tr>
<tr>
<td>MDB2THRD</td>
<td>General view of monitored DB2® threads in use</td>
<td>36</td>
</tr>
<tr>
<td>MDB2THRS</td>
<td>Summary view of monitored DB2 threads in use</td>
<td>37</td>
</tr>
<tr>
<td>MDB2TRDD</td>
<td>Detailed view of a specific monitored DB2 thread</td>
<td>38</td>
</tr>
<tr>
<td>MFECON</td>
<td>General view of monitored FEPI connections</td>
<td>40</td>
</tr>
<tr>
<td>MFECOND</td>
<td>Detailed view of a single monitored FEPI connection</td>
<td>41</td>
</tr>
<tr>
<td>MFECONS</td>
<td>Summary view of monitored FEPI connections</td>
<td>41</td>
</tr>
<tr>
<td>MINDTDQ</td>
<td>General view of monitored indirect transient data queues</td>
<td>120</td>
</tr>
<tr>
<td>MINDTDQS</td>
<td>Summary view of monitored indirect transient data queues</td>
<td>122</td>
</tr>
<tr>
<td>MJOURNAL</td>
<td>General view of monitored CICS journals</td>
<td>76</td>
</tr>
<tr>
<td>MJOURNALD</td>
<td>Detailed view of a specific monitored CICS journal</td>
<td>78</td>
</tr>
<tr>
<td>MJOURNL</td>
<td>Summary view of monitored CICS journals</td>
<td>78</td>
</tr>
<tr>
<td>MJRNLNLM</td>
<td>General view of monitored system and general logs</td>
<td>80</td>
</tr>
<tr>
<td>MJRNLNMS</td>
<td>Summary view of monitored system and general logs</td>
<td>80</td>
</tr>
<tr>
<td>MLOCFILE</td>
<td>General view of monitored local files</td>
<td>88</td>
</tr>
<tr>
<td>MLOCFILE</td>
<td>Detailed view of a specific monitored local file</td>
<td>88</td>
</tr>
<tr>
<td>MLOCFILE</td>
<td>Summary view of monitored local files</td>
<td>88</td>
</tr>
<tr>
<td>MLOCTRANS</td>
<td>Detailed view of specific monitored local transaction</td>
<td>102</td>
</tr>
<tr>
<td>MLOCTRAN</td>
<td>General view of monitored local transactions</td>
<td>104</td>
</tr>
</tbody>
</table>
### Table 3. The monitor views (continued)

<table>
<thead>
<tr>
<th>View</th>
<th>Displays</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLOCTRAS</td>
<td>Summary view of monitored local transactions</td>
<td>106</td>
</tr>
<tr>
<td>MLOCTRA2</td>
<td>Detailed view of a specific monitored local transaction</td>
<td>107</td>
</tr>
<tr>
<td>MLOCTRA3</td>
<td>Detailed view of a specific monitored local transaction</td>
<td>108</td>
</tr>
<tr>
<td>MLSRPBUS</td>
<td>Summary view of buffer usage for monitored local shared resource (LSR) pools</td>
<td>55</td>
</tr>
<tr>
<td>MLSRPBUD</td>
<td>Detailed view of the buffer size for a specific monitored LSR pool</td>
<td>51</td>
</tr>
<tr>
<td>MLSRPBUF</td>
<td>General view of buffer usage for monitored local shared resource (LSR) pools</td>
<td>63</td>
</tr>
<tr>
<td>MLSPRPOOD</td>
<td>Detailed view of a specific monitored LSR pool</td>
<td>66</td>
</tr>
<tr>
<td>MLSPROOF</td>
<td>General view of monitored LSR pools</td>
<td>59</td>
</tr>
<tr>
<td>MLSPROOS</td>
<td>Summary view of monitored LSR pools</td>
<td>70</td>
</tr>
<tr>
<td>MMODNAME</td>
<td>General view of monitored LU 6.2 modenames</td>
<td>31</td>
</tr>
<tr>
<td>MMODNAMS</td>
<td>Summary view of monitored LU 6.2 modenames</td>
<td>33</td>
</tr>
<tr>
<td>MNTRATDQ</td>
<td>General view of monitored intrapartition transient data queues</td>
<td>123</td>
</tr>
<tr>
<td>MNTRATDS</td>
<td>Summary view of monitored intrapartition transient data queues</td>
<td>125</td>
</tr>
<tr>
<td>MPROGRAD</td>
<td>Detailed view of a specific monitored program</td>
<td>84</td>
</tr>
<tr>
<td>MPROGRAS</td>
<td>Summary view of monitored programs</td>
<td>88</td>
</tr>
<tr>
<td>MREMFILE</td>
<td>General view of monitored remote files</td>
<td>72</td>
</tr>
<tr>
<td>MREMFILES</td>
<td>Summary view of monitored remote files</td>
<td>74</td>
</tr>
<tr>
<td>MREMFDL</td>
<td>Detailed view of a specific monitored remote file</td>
<td>71</td>
</tr>
<tr>
<td>MREMFDLS</td>
<td>Summary view of monitored remote files</td>
<td>74</td>
</tr>
<tr>
<td>MREMTRAD</td>
<td>Detailed view of a specific monitored remote transaction</td>
<td>113</td>
</tr>
<tr>
<td>MREMTRAN</td>
<td>General view of monitored remote transactions</td>
<td>115</td>
</tr>
<tr>
<td>MREMTRAS</td>
<td>Summary view of monitored remote transactions</td>
<td>117</td>
</tr>
<tr>
<td>MTDQGBL</td>
<td>General view of intrapartition transient data queue usage in monitored CICS systems</td>
<td>129</td>
</tr>
<tr>
<td>MTDQGBLD</td>
<td>Detailed view of intrapartition transient data queue usage in a specific monitored CICS system</td>
<td>131</td>
</tr>
<tr>
<td>MTDQGBLS</td>
<td>Summary view of intrapartition transient data queue usage in monitored CICS systems</td>
<td>133</td>
</tr>
<tr>
<td>MTERMNL</td>
<td>General view of monitored terminals</td>
<td>55</td>
</tr>
<tr>
<td>MTERMNLD</td>
<td>Detailed view of a specified monitored terminal</td>
<td>58</td>
</tr>
<tr>
<td>MTERMNLS</td>
<td>Summary view of monitored terminals</td>
<td>100</td>
</tr>
<tr>
<td>MTRNCLS</td>
<td>General view of monitored transaction classes</td>
<td>20</td>
</tr>
<tr>
<td>MTRNCLSD</td>
<td>Detailed view of a specific monitored transaction class</td>
<td>22</td>
</tr>
<tr>
<td>MTRNCLSS</td>
<td>Summary view of monitored transaction classes</td>
<td>24</td>
</tr>
<tr>
<td>MTSQGGL</td>
<td>General view of temporary storage queue usage in monitored CICS systems</td>
<td>50</td>
</tr>
<tr>
<td>MTSQGGBLD</td>
<td>Detailed view of temporary storage queue usage in a specific monitored CICS system</td>
<td>52</td>
</tr>
</tbody>
</table>
### summary of monitor views

**Table 3. The monitor views (continued)**

<table>
<thead>
<tr>
<th>View</th>
<th>Displays</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTSQGBLS</td>
<td>Summary view of temporary storage queue usage in monitored CICS systems</td>
<td>34</td>
</tr>
<tr>
<td>MXTRATDQ</td>
<td>General view of monitored extrapartition transient data queues</td>
<td>134</td>
</tr>
<tr>
<td>MXTRATDS</td>
<td>Summary view of monitored extrapartition transient data queues</td>
<td>136</td>
</tr>
</tbody>
</table>
Chapter 2. CICS regions

The CICS region views show information about the CICS systems within the current context and scope.

The CICS region monitor views are:

**MCICSDSA**
A general view of dynamic storage areas (DSAs) within monitored CICS systems

**MCICSDSD**
A detailed view of a DSA within a monitored CICS system

**MCICSDSS**
A summary view of DSAs within monitored CICS systems

**MCICSRGD**
A detailed view of a monitored CICS system

**MCICSRGN**
A general view of monitored CICS systems

**MCICSRGS**
A summary view of monitored CICS systems

**MCICSRG2**
A detailed view of tasks and user transactions within a monitored CICS system

**MTRNCLS**
A general view of monitored transaction classes

**MTRNCLSD**
A detailed view of a monitored transaction class

**MTRNCLSS**
A summary view of monitored transaction classes

**Note:** This monitor data is available only for CICS systems that are being monitored by CICSPlex SM. Information for the MTRNCLS, MTRNCLSD, and MTRNCLSS views is available only for CICS systems where global resources are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in [CICSPlex System Manager Managing Resource Usage](#).

For details about the availability of CICS region views, see the individual view descriptions.
The MCICSDSA view shows general information about dynamic storage areas (DSAs) within monitored CICS systems.

**Availability**

The MCICSDSA view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

**Access**

**Issue command:**

```plaintext
MCICSDSA [dsa]
```

dsa is the specific or generic name of a DSA. If you omit this parameter, the view includes information about all DSAs for the monitored CICS systems within the current scope.

**Select:** REGION from the MONITOR menu and MCICSDSA from the REGION submenu.

**Table 4. MCICSDSA view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT dsa sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a DSA to 0.</td>
</tr>
</tbody>
</table>
### Table 4. MCICSDSA view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove dsa sysname</td>
<td>REM</td>
<td>Removes a DSA from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Where:**

- **dsa** Is the specific or generic name of a DSA.
- **sysname** Is the specific or generic name of a CICS system.

---

### Hyperlinks

Table 5 shows the hyperlink field for the MCICSDSA view.

#### Table 5. MCICSDSA view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSA Name</td>
<td>MCICSDSD</td>
<td>Detailed view of the specified DSA.</td>
</tr>
</tbody>
</table>

**Note:** You can also display the MCICSDSS view by issuing the SUM display command.
MCICSDSD – Monitor dynamic storage area details

The MCICSDSD view shows detailed information about a dynamic storage area (DSA) within a monitored CICS system.

Availability

The MCICSDSD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCICSDSD 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 a monitored system within the current scope.

Hyperlink from:

the DSA Name field of the MCICSDSA view.

Figure 2 is an example of the MCICSDSD view.

**Table 6. MCICSDSD view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the DSA to 0.</td>
</tr>
</tbody>
</table>

Figure 2. The MCICSDSD view

Action commands

Table 6 shows the action commands you can issue from the MCICSDSD view.
Table 6. MCICSDSD view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the DSA from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 7 shows the hyperlink field for the MCICSDSD view.

Table 7. MCICSDSD view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CICS System</td>
<td>MCICSRGD</td>
<td>Detailed view of the CICS system associated with this DSA.</td>
</tr>
</tbody>
</table>
The MCICSDSS view shows summarized information about dynamic storage areas (DSAs) within monitored CICS systems. MCICSDSS is a summary form of the MCICSDSA view.

Availability

The MCICSDSS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCICSDSS [dsa]
```

Where the parameters are the same as those for MCICSDSA on page 8.

Select: REGION from the MONITOR menu and MCICSDSS from the REGION submenu.

Summarize: Issue the SUM display command from an MCICSDSA or MCICSDSS view.

The MCICSDSS view looks like the MCICSDSA view shown in Figure 1 on page 8 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 MCICSDSS view, you can hyperlink from the Count field to the MCICSDSA view to expand a line of summary data. The MCICSDSA view includes only those resources that were combined to form the specified summary line.
MCICSRGD – Monitor CICS system details

The MCICSRGD view shows detailed information about a monitored CICS system.

Availability

The MCICSRGD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

**Issue command:**

```
MCICSRGD sysname
```

sysname is the name of a monitored CICS system within the current scope.

**Hyperlink from:**

the CICS System field of the MCICSRGN or MCICSDSD view.

*Figure 3* is an example of the MCICSRGD view.

---

**Table 8. MCICSRGD view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the CICS system to 0.</td>
</tr>
</tbody>
</table>
CICS regions – MCICSRGD

Table 8. MCICSRGD view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the CICS system from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 9 shows the hyperlink field for the MCICSRGD view.

Table 9. MCICSRGD view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Tasks</td>
<td>MCICSRG2</td>
<td>Detailed information on the current tasks.</td>
</tr>
</tbody>
</table>
MCICSRGN – Monitor CICS systems

The MCICSRGN view shows general information about monitored CICS systems. When a CICS system is part of an extended recovery facility (XRF) configuration, the information displayed is about the active CICS system in the configuration.

Availability

The MCICSRGN view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCICSRGN
```

Select: REGION from the MONITOR menu and MCICSRGN from the REGION submenu.

Figure 4 is an example of the MCICSRGN view.

![Figure 4: MCICSRGN view](image)

**Table 10. MCICSRGN view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a CICS system to 0.</td>
</tr>
<tr>
<td>REMove sysname</td>
<td>REM</td>
<td>Removes a CICS system from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where: sysname

Is the specific or generic name of a CICS system.
CICS regions – MCICSRGN

Hyperlinks

Table 11 shows the hyperlink field for the MCICSRGN view.

Table 11. MCICSRGN view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CICS System</td>
<td>MCICSRGD</td>
<td>Detailed view of the specified CICS system.</td>
</tr>
</tbody>
</table>

Note: You can also display the MCICSRGS view by issuing the SUM display command.
MCICSRGS – Monitor CICS systems summary

The MCICSRGS view shows summarized information about monitored CICS systems. MCICSRGS is a summary form of the MCICSRGN view.

Availability

The MCICSRGS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

**Issue command:**

MCICSRGS

**Select:** REGION from the MONITOR menu and MCICSRGS from the REGION submenu.

**Summarize:** Issue the SUM display command from an MCICSRGN or MCICSRGS view.

The MCICSRGS view looks like the MCICSRGN view shown in Figure 4 on page 15 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 MCICSRGS view, you can hyperlink from the Count field to the MCICSRGN view to expand a line of summary data. The MCICSRGN view includes only those resources that were combined to form the specified summary line.
MCISRG2 – Monitor CICS system task details

The MCISRG2 view shows detailed information about the tasks and user transactions within a monitored CICS system.

Availability

The MCISRG2 view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCISRG2 sysname
```

sysname is the name of a monitored CICS system within the current scope.

Hyperlink from:

the Current Task field of the MCISRGD view.

Figure 5 is an example of the MCISRG2 view.

```
26FEB2001 15:03:23 ---------- INFORMATION DISPLAY --------------------------
COMMAND ====> SCROLL ====> PAGE
CURR WIN ====> 1 ALT WIN ===>
W1 =MCISRGN=MCISRG2=EYUPLX01=EYUPLX01=26FEB2001=15:03:23=CPSM==============
CICS System... EYUMAS4A Release Info..
Tasks====== User Trans= CICS Release. 0530
Current Tasks. 13 Cur Act UTrn. 13 CICSTS level. 010300
Current AMAX... N/A Cur Que UTrn. 0 OS/390 level.
Peak AMAX...... N/A Peak Act UTrn 41
Max Task....... 40 Peak Que UTrn 2
Times Max Task 0 Totl Act UTrn 1
Peak Tasks.... 52 Totl Que UTrn 0
Total Tasks... 295 Tot Que Time. 00:00:00
Interval Tasks.. 1 Cur Que Time. 00:00:00
Cur Task Rate.. 0.0
Intv Task Rate. 2.0
```

Figure 5. The MCISRG2 view

Action commands

Table 12 shows the action commands you can issue from the MCISRG2 view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the CICS system to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the CICS system from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
Hyperlinks

None.
MTRNCLS – Monitor transaction classes

The MTRNCLS view shows general information about transaction classes within monitored CICS systems.

Availability

The MTRNCLS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MTRNCLS [tranclass]

tranclass For CICS systems running CICS/ESA 4.1 or 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 MONITOR menu and MTRNCLS from the REGION submenu.

Figure 6 is an example of the MTRNCLS view.

Figure 6. The MTRNCLS view

Action commands

Table 13 on page 21 shows the action commands you can issue from the MTRNCLS view.
### Table 13. MTRNCLS view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT tranclass sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a transaction class to 0.</td>
</tr>
<tr>
<td>REMove tranclass sysname</td>
<td>REM</td>
<td>Removes a transaction class from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Where:**
- **tranclass** is a specific or generic transaction class name or ID.
- **sysname** is the specific or generic name of a CICS system.

### Hyperlinks

**Table 14** shows the hyperlink field on the MTRNCLS view.

### Table 14. MTRNCLS view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tran Class</td>
<td>MTRNCLSD</td>
<td>Detailed view of the specified transaction class.</td>
</tr>
</tbody>
</table>

**Note:** You can also display the MTRNCLSS view by issuing the SUM display command.
MTRNCLSD – Monitor transaction class details

The MTRNCLSD view shows detailed information about a transaction class within a monitored CICS system.

Availability

The MTRNCLSD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MTRNCLSD tranclass sysname
```

- `tranclass` For CICS systems running CICS/ESA 4.1 or later, `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 monitored CICS system where the transaction class is installed.

Hyperlink from:

the Tran Class field of the MTRNCLS view.

Figure 7 is an example of the MTRNCLSD view.

**Table 15. MTRNCLSD view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with a transaction class to 0.</td>
</tr>
<tr>
<td>REMOVE</td>
<td>n/a</td>
<td>Removes a transaction class from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
Hyperlinks
None.
MTRNCLSS – Monitor transaction classes summary

The MTRNCLSS view shows summarized information about transaction classes within monitored CICS systems. MTRNCLSS is a summary form of the MTRNCLS view.

Availability

The MTRNCLSS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MTRNCLSS [tranclass]

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

Select: REGION from the MONITOR menu and MTRNCLSS from the REGION submenu.

Summarize: Issue the SUM display command from an MTRNCLS or MTRNCLSS view.

The MTRNCLSS view looks like the MTRNCLS view shown in Figure 6 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

None.

Hyperlinks

From the MTRNCLSS view, you can hyperlink from the Count field to the MTRNCLS view to expand a line of summary data. The MTRNCLS view includes only those resources that were combined to form the specified summary line.
Chapter 3. Connections

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

**Note:** The connections views do not show information about, or let you issue commands against, terminals. For information about a terminal, use the terminal views, described in "Chapter 10. Terminals" on page 95.

The connections monitor views are:

- **MCONNCT**  A general view of monitored ISC and MRO connections
- **MCONNCTD** A detailed view of a monitored ISC or MRO connection
- **MCONNCTS** A summary view of monitored ISC and MRO connections
- **MMODNAME** A general view of monitored LU 6.2 modenames
- **MMODNAMS** A summary view of monitored LU 6.2 modenames

**Note:** This monitor data is available only for connections where connections are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in "CICSPlex System Manager Managing Resource Usage."

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

MCONNCT – Monitor ISC/MRO connections

The MCONNCT view shows general information about monitored ISC and MRO connections.

Availability

The MCONNCT view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCONNCT [connection]
```

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

Select:

CONNECT from the MONITOR menu and MCONNCT from the CONNECT submenu.

Figure 8 is an example of the MCONNCT view.

```
MCONNCT view

26FEB2001 19:13:31 ----------- INFORMATION DISPLAY ---------------------------
COMMAND ====> SCROLL ===> PAGE
CURREN WIN ===> 1 ALT WIN ===>
W1 =MCONNCT===========EYUPLX01=EYUPLX01=26FEB2001==19:13:31=CPSM==========4===
CMD Conn CICS Type Netname Function -Func Rate- Term ATIs ATIs
--- ID-- System-- ---- -------- Ships--- Curr Intv Shares- Primary Secndry
2A1A EYUMAS2A MRO EYUMAS1A 0 0.0 0.0 0 0 0
2A4A EYUMAS2A MRO EYUMAS4A 0 0.0 0.0 0 0 0
3A1A EYUMAS3A MRO EYUMAS1A 0 0.0 0.0 0 0 0
3A4A EYUMAS3A MRO EYUMAS4A 0 0.0 0.0 0 0 0
```

Figure 8. The MCONNCT view

Action commands

Table 16 shows the action commands you can issue from the MCONNCT view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT connection sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a connection to 0.</td>
</tr>
<tr>
<td>REMove connection sysname</td>
<td>REM</td>
<td>Removes a connection from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

connection

Is the specific or generic name of a monitored ISC or MRO connection.

sysname

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

Table 17 shows the hyperlink field for the MCONNCT view.

Table 17. MCONNCT view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conn ID</td>
<td>MCONNCTD</td>
<td>Detailed view of the specified connection.</td>
</tr>
</tbody>
</table>

Note: You can also display the MCONNCTS view by issuing the SUM display command.
MCONNCTD – Monitor ISC/MRO connection details

The MCONNCTD view shows detailed information about a monitored ISC or MRO connection.

Availability

The MCONNCTD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

<table>
<thead>
<tr>
<th>MCONNCTD</th>
<th>connection sysname</th>
</tr>
</thead>
</table>

connection is the name of a monitored ISC or MRO connection.

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

Hyperlink from:

the Conn ID field of the MCONNCT view.

Figure 9 is an example of the MCONNCTD view.

<table>
<thead>
<tr>
<th>26FEB2001 19:13:42</th>
<th>INFORMATION DISPLAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMAND ===&gt;</td>
<td>SCROLL ===&gt; CSR</td>
</tr>
<tr>
<td>CURR WIN === 1</td>
<td>ALT WIN ===&gt;</td>
</tr>
<tr>
<td>W1 =MCONNCTD========EYUPLX01=EYUPLX01=26FEB2001==10:18:51=CPSM=--------- 1 ==</td>
<td></td>
</tr>
<tr>
<td>Connect ID....</td>
<td>1A1B CICS System...</td>
</tr>
<tr>
<td>Access Method...</td>
<td>XM Max Primaries...</td>
</tr>
<tr>
<td>Type............</td>
<td>LU62 Max Secondary</td>
</tr>
<tr>
<td>Protocol.........</td>
<td>NOTAPPLI AIDs.......</td>
</tr>
<tr>
<td>Netname..........</td>
<td>EYUMASIB Non Spec Aids..</td>
</tr>
<tr>
<td>Service Status.</td>
<td>INSERVICE Max Bids...</td>
</tr>
<tr>
<td>Connect Status.</td>
<td>RELEASED Bids Sent...</td>
</tr>
<tr>
<td>Allocates.......</td>
<td>0 Concurrent Bids</td>
</tr>
<tr>
<td>Allocated Qued.</td>
<td>0 XZI Que Reject...</td>
</tr>
<tr>
<td>Rejected Alloc.</td>
<td>0 XZI Que Purge...</td>
</tr>
<tr>
<td>MaxQ Time........</td>
<td>0 XZIQ Alloc Pur.</td>
</tr>
<tr>
<td>MaxQ Pur Cnt...</td>
<td>0 GMT Con Create.</td>
</tr>
<tr>
<td>GMT Con Delete...</td>
<td>00:00:00 Primaries Used.</td>
</tr>
<tr>
<td>GMT Con Create...</td>
<td>00:00:00 Secondary Used.</td>
</tr>
</tbody>
</table>

Figure 9. The MCONNCTD view

Action commands

Table 18 shows the action commands you can issue from the MCONNCTD view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the connection to 0.</td>
</tr>
</tbody>
</table>
Table 18. MCONNCTD view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the connection from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 19 shows the hyperlink field for the MCONNCTD view.

Table 19. MCONNCTD view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect ID</td>
<td>CONNECT</td>
<td>General operations view of ISC and MRO connections.</td>
</tr>
</tbody>
</table>
MCONNCTS – Monitor ISC/MRO connections summary

The MCONNCTS view shows summarized information about monitored ISC and MRO connections. MCONNCTS is a summary form of the MCONNCT view.

Availability

The MCONNCTS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCONNCTS [connection]
```

Where the parameters are the same as those for MCONNCT on page "MCONNCT command" on page 26.

Select: CONNECT from the MONITOR menu and MCONNCTS from the CONNECT submenu.

Summarize: Issue the SUM display command from an MCONNCT or MCONNCTS view.

The MCONNCTS view looks like the MCONNCT view shown in Figure 8 on page 26 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 MCONNCTS view, you can hyperlink from the Count field to the MCONNCT view to expand a line of summary data. The MCONNCT view includes only those resources that were combined to form the specified summary line.
MMODNAME – Monitor LU6.2 modenames

The MMODNAME view shows general information about monitored LU 6.2 modenames.

Availability

The MMODNAME view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MMODNAME [modename [connection]]
```

- **modename**: the specific or generic name of a monitored LU 6.2 modename or * for all modenames.
- **connection**: the specific or generic name of a monitored 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 monitored modenames within the current scope.

Select:

- CONNECT from the MONITOR menu and MMODNAME from the CONNECT submenu.

Figure 10 is an example of the MMODNAME view.

<table>
<thead>
<tr>
<th>26FEB2001 19:23:11</th>
<th>INFORMATION DISPLAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Command ==&gt; Scroll ==&gt; Page</td>
<td></td>
</tr>
<tr>
<td>CURR WIN ==&gt; 1</td>
<td>ALT WIN ==&gt;</td>
</tr>
<tr>
<td>W1 =MMODNAME=[EYUPLEX01=EYUPLEX01=26FEB2001=19:23:11=CPSM=] =2=</td>
<td></td>
</tr>
<tr>
<td>CMD Mode</td>
<td>CICS</td>
</tr>
<tr>
<td>SNASVCMG</td>
<td>EYUMASIA 1A1B</td>
</tr>
<tr>
<td>Figure 10. The MMODNAME view</td>
<td></td>
</tr>
</tbody>
</table>

Action commands

Table 20 shows the action commands you can issue from the MMODNAME view.

**Table 20. MMODNAME view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT modename connection sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with an LU 6.2 modename to 0.</td>
</tr>
<tr>
<td>REMove modename connection sysname</td>
<td>REM</td>
<td>Removes an LU 6.2 modename from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
connections – MMODNAME

Table 20. MMODNAME view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>modename</td>
<td></td>
<td>Is the specific or generic name of a monitored LU 6.2 modename.</td>
</tr>
<tr>
<td>connection</td>
<td></td>
<td>Is the specific or generic name of a monitored ISC connection.</td>
</tr>
<tr>
<td>sysname</td>
<td></td>
<td>Is the specific or generic name of a CICS system.</td>
</tr>
</tbody>
</table>

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.

Hyperlinks

None.

Note: You can display the MMODNAMS view by issuing the SUM display command.
MMODNAMS – Monitor LU6.2 modenames summary

The MMODNAMS view shows summarized information about monitored LU 6.2 modenames. MMODNAMS is a summary form of the MMODNAME view.

Availability

The MMODNAMS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MMODNAMS [modename [connection]]
```

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

Select: CONTACT from the MONITOR menu and MMODNAMS from the CONNECT submenu.

Summarize: Issue the SUM display command from an MMODNAME or MMODNAMS view.

The MMODNAMS view looks like the MMODNAME view shown in Figure 10 on page 31 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

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

Action commands

None.

Hyperlinks

From the MMODNAMS view, you can hyperlink from the Count field to the MMODNAME view to expand a line of summary data. The MMODNAME view includes only those resources that were combined to form the specified summary line.
Chapter 4. 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 monitor views are:

**MDB2THRD**  A general view of monitored DB2 threads in use
**MDB2THRS**  A summary view of monitored DB2 threads in use
**MDB2TRDD**  A detailed view of a monitored DB2 thread

**Note:** This monitor data is available only for DB2 systems that are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in [CICSPlex System Manager Managing Resource Usage](#).

For details about the availability of DB2 and DBCTL views, see the individual view descriptions.
MDB2THRD – Monitor DB2 threads

The MDB2THRD view shows general information about monitored DB2 threads defined in the DB2 DSNCRCT table. The threads are listed by initial transaction ID.

Availability

The MDB2THRD view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later.

Access

Issue command:

```
MDB2THRD [init-tran]
```

*init-tran* is the specific or generic name of an initial transaction assigned to a DB2 thread. If you omit this parameter, the view includes information about all monitored DB2 threads within the current scope.

Select:

DB2 from the MONITOR menu and MDB2THRD from the DB2 submenu.

`Figure 11` is an example of the MDB2THRD view.

<table>
<thead>
<tr>
<th>COMMAND ===</th>
<th>SCROLL === PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURR WIN ===</td>
<td>1</td>
</tr>
<tr>
<td>W1 :=MDB2THRD========EYUPXLX01=EYUPXLX01=26FEB2001==09:27:45=CPSM=======64===</td>
<td></td>
</tr>
<tr>
<td>CMD</td>
<td>Initial CICS Use Thread Thread Maximum DB2</td>
</tr>
<tr>
<td>---</td>
<td>Tran-- System-- Count-- Waits-- Authrzd-- Cnctrnt-- Subsys</td>
</tr>
<tr>
<td>DB2P</td>
<td>EYUMAS1A 0 0 0 3 DBH2</td>
</tr>
<tr>
<td>DB2P</td>
<td>EYUMAS1B 0 0 0 3 DB2J</td>
</tr>
<tr>
<td>DB2T</td>
<td>EYUMAS1A 0 0 0 3 DBH2</td>
</tr>
<tr>
<td>DB2T</td>
<td>EYUMAS1B 0 0 0 3 DB2J</td>
</tr>
<tr>
<td>DB2O</td>
<td>EYUMAS1A 0 0 0 1 DBH2</td>
</tr>
<tr>
<td>DB2O</td>
<td>EYUMAS1B 0 0 0 1 DB2J</td>
</tr>
<tr>
<td>D22X</td>
<td>EYUMAS1A 9975 0 135 97 DBH2</td>
</tr>
<tr>
<td>D22X</td>
<td>EYUMAS1B 0 0 0 5 DB2J</td>
</tr>
<tr>
<td>D23X</td>
<td>EYUMAS1A 0 0 0 5 DBH2</td>
</tr>
<tr>
<td>D23X</td>
<td>EYUMAS1B 4760 6 5 5 DB2J</td>
</tr>
</tbody>
</table>

`Figure 11. The MDB2THRD view`

**Action commands**

None.

**Hyperlinks**

`Table 21` shows the hyperlink field for the MDB2THRD view.

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Tran</td>
<td>MDB2TRDD</td>
<td>Detailed view of the specified DB2 thread.</td>
</tr>
</tbody>
</table>

**Note:** You can also display the MDB2THRS view by issuing the SUM display command.
MDB2THRS – Monitor DB2 threads summary

The MDB2THRS view shows summarized information about monitored DB2 threads defined in the DB2 DSNCRCT table. MDB2THRS is a summary form of the MDB2THRD view.

Availability

The MDB2THRS view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later systems.

Access

**Issue command:**

```
MDB2THRS [init-tran]
```

Where the parameters are the same as those for MDB2THRD on page 36.

**Select:**

DB2 from the MONITOR menu and MDB2THRS from the DB2 submenu.

**Summarize:**

Issue the SUM display command from an MDB2THRD or MDB2THRS view.

The MDB2THRS view looks like the MDB2THRD view shown in Figure 11 on page 36 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 MDB2THRS view, you can hyperlink from the Count field to the MDB2THRD view to expand a line of summary data. The MDB2THRD view includes only those resources that were combined to form the specified summary line.
MDB2TRDD – Monitor DB2 thread details

The MDB2TRDD view shows detailed information about a monitored DB2 thread.

Availability

The MDB2TRDD view is available for CICS/MVS 2.1.2 and CICS/ESA 3.3 and later systems.

Access

**Issue command:**

```
MDB2TRDD init-tran sysname
```

- `init-tran` is the name of the initial transaction assigned to a monitored DB2 thread.
- `sysname` is the name of the CICS system where the transaction is located. The CICS system must be a monitored system within the current scope.

**Hyperlink from:**

the Initial Tran field of the MDB2THRD view.

Figure 12 is an example of the MDB2TRDD view.

Action commands

None.

Hyperlinks

None.
Chapter 5. FEPI

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

The FEPI monitor views are:

**MFECO**n  A general view of FEPI connections within monitored CICS systems

**MFECO**nd  A detailed view of FEPI connections within monitored CICS systems

**MFECO**ns  A summary view of FEPI connections within monitored CICS systems

**Note:** This monitor data is available only for CICS systems where global resources are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in [CICSPlex System Manager Managing Resource Usage](#).

The FEPI views are available for CICS/ESA 3.3 and later systems.
MFECO

– Monitor FEPI connections

The MFECO view shows general information about installed FEPI connections within monitored CICS systems.

Availability

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

Access

Issue command:

MFECO [feconn] [fenode]

feconns a specific or generic target name, or * for all target connections.

fenodels a specific or generic node name.

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

Select:

FEPI from the MONITOR menu and MFECO from the FEPI submenu.

Figure 13 is an example of the MFECO view.

Figure 13. The MFECO view

Action commands

Table 22 shows the action commands you can issue from the MFECO view.

Table 22. MFECO view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT feconn sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a FEPI connection to 0.</td>
</tr>
<tr>
<td>REMove feconn sysname</td>
<td>REM</td>
<td>Removes a FEPI connection from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
Table 22. MFECON view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Where:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>feconn</td>
<td></td>
<td>Is the APPLID of a CICS system that is the target of a FEPI logical node or * for all targets.</td>
</tr>
<tr>
<td>sysname</td>
<td></td>
<td>Is the specific or generic name of a CICS system.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 23 shows the hyperlink field on the MFECON view.

Table 23. MFECON view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Name</td>
<td>MFECOND</td>
<td>Detailed view of the specified connection.</td>
</tr>
</tbody>
</table>

Note: You can also display the MFECONS view by issuing the SUM display command.
The MFECOND view shows detailed information about a FEPI connection within a monitored CICS system.

**Availability**

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

**Access**

**Issue command:**

MFECOND feconn fenode sysname  
feconn is a specific target name.  
fenode is a specific node name.  
sysname is the name of the CICS system where the connection is defined. The CICS system must be within the current scope.

Hyperlink from:

the Target Name field of the MFECON view.

*Figure 14* is an example of the MFECOND view.

```
26FEB2001 14:50:05 --------- INFORMATION DISPLAY  -----------------------------
COMMAND ===> SCROLL ===> PAGE
CURR WIN ====> 1  ALT WIN ====>
W1 =MFECON===MFECOND==EYUPLX01=EYUPLX01=26FEB2001==14:49:58=CPSM==============
Target Name... 1A1BLTRM  CICS System.... EYUMAS1A
Node Name..... EYUMAS2B  Acquires....... 0
POOL Name..... POOL1  CS Acq Rate.... 99.9
State........... APPLICATIO MI Acq Rate.... 14.6
Acquire Status ACQUIRED Conversations.. 0
Service Status INSERVICE Conv Waiting... 0
Unsol Inputs... 0
Char Sent...... 0
Char Recv...... 0
Recv Timeouts.. 0
Errors......... 0
```

*Figure 14. The MFECOND view*

**Action commands**

*Table 24* shows the action commands you can issue from the MFECOND view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>INIt</td>
<td>Initializes the CICSPlex SM statistics counters associated with a FEPI connection to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>REM</td>
<td>Removes a FEPI connection from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
Hyperlinks

None.
The MFECONS view shows summarized information about installed FEPI connections within monitored CICS systems. MFECONS is a summary form of the MFECON view.

Availability

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

Access

Issue command:

MFECONS [feconn] [fenode]

Where the parameters are the same as those for the MFECON view on page 40.

Select: FEPI from the MONITOR menu and MFECONS from the FEPI submenu.

Summarize: Issue the SUM display command from an MFECON or MFECONS view.

The MFECONS view looks like the MFECON view shown in Figure 13 on page 40 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 MFECONS view, you can hyperlink from the Count field to the MFECON view to expand a line of summary data. The MFECON view includes only those resources that were combined to form the specified summary line.
Chapter 6. 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, or coupling facility 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 section to mean a file that has a CICS- or user-maintained data table, or coupling facility data table, associated with it.

The file monitor views are:

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

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

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

**MCMCT2**
A detailed view of information relating to a monitored file’s associated data table

**MCMCT3**
A detailed view of statistical information relating to a monitored file’s associated data table

**MLOCFILD**
A detailed view of a monitored local file

**MLOCFILE**
A general view of monitored local files

**MLOCFILS**
A summary view of monitored local files

**MLSRPBUD**
A detailed view of buffer size information for a monitored LSR pool

**MLSRPBUF**
A general view of buffer usage for monitored LSR pools

**MLSRPBUS**
A summary view of buffer usage for monitored LSR pools

**MLSRPOOD**
A detailed view of a monitored LSR pool

**MLSRPOOL**
A general view of monitored LSR pools

**MLSRPOOS**
A summary view of monitored LSR pools

**MREMFILE**
A detailed view of a monitored remote file

**MREMFILE**
A general view of monitored remote files

**MREMFILE**
A summary view of monitored remote files

Note: This monitor data is available only for files that are being monitored by CICSPlex SM. LSR pool information is available only for CICS systems where global resources are being monitored by CICSPlex SM. For details on
For details about the availability of file views, see the individual view descriptions.
MCMĐT – Monitor data tables

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

Availability

The MCMĐT view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCMĐT [file]
```

where the specific or generic name of a currently installed data table file that is being monitored. If you omit this parameter, the view includes information about all monitored data table files within the current scope.

Select: FILE from the MONITOR menu and MCMĐT from the FILE submenu.

**Figure 15** is an example of the MCMĐT view.

```
26FEB2001 11:37:27 INFOMATION DISPLAY SCROLL PAGE
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 -MCMĐT=-----EYUPLX01=EYUPLX01=26FEB2001=11:37:26=CPM=-----=
CMD File Table CICS -API Rate- -Table Rate- -Read Rate-
--- ID------ Type---- System-- Curr Intv Curr Intv Curr Intv
CFDT CFTABLE IYZ30C06 0.0 0.0 0.0 0.0 0.0 0.0
CFDT2 CFTABLE IYZ30C06 0.0 0.0 0.0 0.0 0.0 0.0
CMT CICSTABL IYZ30C06 0.0 0.0 0.0 0.0 0.0 0.0
UMT USERTABL IYZ30C06 0.0 0.0 0.0 0.0 0.0 0.0
```

**Figure 15. The MCMĐT view**

Action commands

**Table 25** shows the action commands you can issue from the MCMĐT view.

**Table 25. MCMĐT view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt file sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a data table file to 0.</td>
</tr>
<tr>
<td>REMove file sysname</td>
<td>REM</td>
<td>Removes a data table file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

- **file** is the specific or generic name of a monitored data table file.
- **sysname** is the specific or generic name of a CICS system.
Hyperlinks

Table 26 shows the hyperlink field for the MCMVT view.

Table 26. MCMVT view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>File ID</td>
<td>MCMVT</td>
<td>Detailed view of the specified data table file.</td>
</tr>
</tbody>
</table>

Note: You can also display the MCMVTS view by issuing the SUM display command.
MCMDDT – Monitor data table details

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

Availability

The MCMDDT view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MCMDDT file sysname
```

files the name of a currently installed data table file that is being monitored.

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

Hyperlink from:

the File ID field of the MCMDDT view.

Figure 16 is an example of the MCMDDT view.

![Figure 16](image)

**Note:** Scroll to the right in the view to see the name of the data set associated with this data table file.

Action commands

Table 27 on page 50 shows the action commands you can issue from the MCMDDT view.
files – MCMCMTD

Table 27. MCMCMTD view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the data table file to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the data table file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 28 shows the hyperlink field for the MCMCMTD view.

Table 28. MCMCMTD view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>File ID</td>
<td>CMDTD</td>
<td>Detailed operations view of the specified data table file.</td>
</tr>
<tr>
<td>Table Info</td>
<td>MCMCMT2</td>
<td>Detailed view of the specified data table file</td>
</tr>
<tr>
<td>Data Set Info</td>
<td>MCMCMT3</td>
<td>Detailed view of the specified data table file statistics</td>
</tr>
</tbody>
</table>
MCMIDTS – Monitor data tables summary

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

Availability

The MCMIDTS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

**Issue command:**

\[ \text{MCMIDTS [file]} \]

Where the parameters are the same as those for MCMIDT on page "MCMIDT command" on page 47.

**Select:**

FILE from the MONITOR menu and MCMIDTS from the FILE submenu.

**Summarize:**

Issue the SUM display command from an MCMIDT or MCMIDTS view.

The MCMIDTS view looks like the MCMIDT view shown in Figure 15 on page 47 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

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

**Action commands**

None.

**Hyperlinks**

From the MCMIDTS view, you can hyperlink from the Count field to the MCMIDT view to expand a line of summary data. The MCMIDT view includes only those resources that were combined to form the specified summary line.
**MCMDT2 – Monitor data table details**

The MCMDT2 view shows detailed information concerning the table component of a CICS- or user-maintained data table, or coupling facility data table.

**Availability**

The MCMDT2 view is available for all managed CICS systems running CICS Transaction Server for OS/390 Version 1 Release 3 and later.

**Access**

**Issue command:**

```
MCMDT2 file sysname
```

*file* is the name of a currently installed data table file that is being monitored.

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

**Hyperlink from:**

the Table Info field of the MCMDTD view.

**Figure 17** is an example of the MCMDT2 view.

---

**Figure 17. The MCMDT2 view**

**Action commands**

[Table 29 on page 53](#) shows the action commands you can issue from the MCMDT2 view.
Table 29. MCMDT2 view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the data table file to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the data table file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 30 shows the hyperlink field for the MCMDT2 view.

Table 30. MCMDT2 view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Set Info</td>
<td>MCMDT3</td>
<td>Detailed view of the specified data table statistics.</td>
</tr>
<tr>
<td>File ID</td>
<td>CMDTD</td>
<td>Detailed view about a file that has a CICS-or user-maintained data table, or a coupling facility data table, associated with it.</td>
</tr>
</tbody>
</table>
MCMDT3 – Monitor data table statistics details

The MCMDT3 view shows statistical information concerning the data table component of a CICS- or user-maintained data table, or coupling facility data table.

Availability

The MCMDT3 view is available for all managed CICS systems running CICS Transaction Server for OS/390 Version 1 Release 3 and later.

Access

**Issue command:**

```
MCMDT3 file sysname
```

*file* is the name of a currently installed data table file that is being monitored.

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

**Hyperlink from:**

the Data Set Info field of a MCMDT2 or MCMDT3 view.

*Figure 18* is an example of the MCMDT3 view.

**Table 31. MCMDT3 view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the data table file to 0.</td>
</tr>
</tbody>
</table>
### Table 31. MCMDT3 view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the data table file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

### Hyperlinks

Table 32 shows the hyperlink field for the MCMDT3 view.

### Table 32. MCMDT3 view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table Info</td>
<td>MCMCT2</td>
<td>Detailed view of information relating to the table component of a data table.</td>
</tr>
<tr>
<td>File ID</td>
<td>CMDTD</td>
<td>Detailed view about a file that has a CICS- or user-maintained data table, or a coupling facility data table, associated with it.</td>
</tr>
</tbody>
</table>
MLOCFILE – Monitor local file details

The MLOCFILE view shows detailed information about a monitored local file.

Availability

The MLOCFILE view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MLOCFILE file sysname
```

file is the name of a currently installed local file that is being monitored.

sysname is the name of the CICS system where the file is installed. The CICS system must be a monitored system within the current scope.

Hyperlink from:

the File ID field of the MLOCFILE view.

Figure 19 is an example of the MLOCFILE view.

![Figure 19. The MLOCFILE view](image)

**Note:** Scroll to the right in the view to see the name of the data set associated with this local file.

Action commands

Table 33 shows the action commands you can issue from the MLOCFILE view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the local file to 0.</td>
</tr>
</tbody>
</table>
Table 33. MLOCFILD view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the local file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 34 shows the hyperlink field for the MLOCFILD view.

Table 34. MLOCFILD view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>File ID</td>
<td>LOCFILED</td>
<td>Detailed operations view of the specified local file.</td>
</tr>
</tbody>
</table>
MLOCFILE – Monitor local files

The MLOCFILE view shows general information about monitored local files.

Availability

The MLOCFILE view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MLOCFILE [file]
```

where the specific or generic name of a currently installed local file that is being monitored. If you omit this parameter, the view includes information about all monitored local files within the current scope.

Select: FILE from the MONITOR menu and MLOCFILE from the FILE submenu.

Figure 20 is an example of the MLOCFILE view.

```
26FEB2001 19:21:03 ----------- INFORMATION DISPLAY ---------------------------
COMMAND ==> SCROLL ==> PAGE
CURR WIN ==> 1 ALT WIN ==>
W1 =MLOCFILE==========EYUPLX01=EYUPLX01=26FEB2001==19:21:03=CPSM==========7===
CMD File CICS -Data EXC Rate- -Index EXC Rate- --Req Rate--
--- ID------ System-- Curr Intv Curr Intv Curr Intv
DFHCSD EYUMAS2A 0.0 0.0 0.0 0.0 0.0 0.0
DFHCSD EYUMAS3A 0.0 0.0 0.0 0.0 0.0 0.0
DFHCSD EYUMAS4A 0.0 0.0 0.0 0.0 0.0 0.0
EYUFIL01 EYUMAS4A 0.0 0.0 0.0 0.0 0.0 0.0
EYUFIL02 EYUMAS4A 0.0 0.0 0.0 0.0 0.0 0.0
EYUFIL03 EYUMAS4A 0.0 0.0 0.0 0.0 0.0 0.0
EYUFIL04 EYUMAS4A 0.0 0.0 0.0 0.0 0.0 0.0
```

Figure 20. The MLOCFILE view

Action commands

Table 35 shows the action commands you can issue from the MLOCFILE view.

Table 35. MLOCFILE view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt file sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a local file to 0.</td>
</tr>
<tr>
<td>REMove file sysname</td>
<td>REM</td>
<td>Removes a local file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

- file Is the specific or generic name of a monitored local file.
- sysname Is the specific or generic name of a CICS system.
Hyperlinks

Table 36 shows the hyperlink field for the MLOCFILE view.

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>File ID</td>
<td>MLOCFILD</td>
<td>Detailed view of the specified local file.</td>
</tr>
</tbody>
</table>

**Note:** You can also display the MLOCFILS view by issuing the SUM display command.
MLOCFILS – Monitor local files summary

The MLOCFILS view shows summarized information about monitored local files. MLOCFILS is a summary form of the MLOCFILE view.

Availability

The MLOCFILS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MLOCFILS [file]

Where the parameters are the same as those for MLOCFILE on page 53.

Select: FILE from the MONITOR menu and MLOCFILS from the FILE submenu.

Summarize: Issue the SUM display command from an MLOCFILE or MLOCFILS view.

The MLOCFILS view looks like the MLOCFILE view shown in Figure 20 on page 58 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 MLOCFILS view, you can hyperlink from the Count field to the MLOCFILE view to expand a line of summary data. The MLOCFILE view includes only those resources that were combined to form the specified summary line.
MLSRPBUD – Monitor LSR pool buffer details

The MLSRPBUD view shows detailed information about the buffer size of an LSR pool within a monitored CICS system.

Availability

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

Access

Issue command:

```
MLSRPBUD lsrpool buffsize D|I|B sysname
```

- `lsrpools` 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 LSR pool is located. The CICS system must be a monitored system within the current scope.

Hyperlink from:

the LS ID field of the MLSRPBUF view.

Figure 21 is an example of the MLSRPBUD view.

![Figure 21](image-url)

Action commands

Table 37 shows the action commands you can issue from the MLSRPBUD view.

Table 37. MLSRPBUD view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the LSR pool to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the LSR pool from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
files – MLSRBPUD

Hyperlinks

None.
MLSRPBUF – Monitor LSR pool buffers

The MLSRPBUF view shows general information about buffer usage for LSR pools within monitored CICS systems. The information is shown by individual buffer size.

Availability

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

Access

Issue command:

 MLSPRB

 lsrpool a numeric value between 0 and 8 identifying an LSR pool or * for all LSR pools.

 buffsize 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 the buffer sizes and types for all LSR pools within the current scope.

Select GLOBAL from the MONITOR menu and MLSRPBUF from the GLOBAL submenu.

Figure 22 is an example of the MLSRPBUF view.

Figure 22. The MLSRPBUF view

Action commands

Table 38 shows the action commands you can issue from the MLSRPBUF view.

Table 38. MLSRPBUF view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT lsrpool buffsize D</td>
<td>I</td>
<td>B sysname</td>
</tr>
<tr>
<td>REMove lsrpool buffsize D</td>
<td>I</td>
<td>B sysname</td>
</tr>
</tbody>
</table>
files – MLSRPBUF

Table 38. MLSRPBUF view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Where:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lsrpool</td>
<td></td>
<td>Is a numeric value between 0 and 8 that identifies an LSR pool or * for all LSR pools.</td>
</tr>
<tr>
<td>buffsize</td>
<td></td>
<td>Is a numeric value indicating the buffer size or * for all buffer sizes.</td>
</tr>
<tr>
<td>D</td>
<td>I</td>
<td>B</td>
</tr>
<tr>
<td>sysname</td>
<td></td>
<td>Is the specific or generic name of a CICS system.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 39 shows the hyperlink field for the MLSRPBUF view.

Table 39. MLSRPBUF view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS ID</td>
<td>MLSRPBUD</td>
<td>Detailed view of the specified LSR pool.</td>
</tr>
</tbody>
</table>

Note: You can also display the MLSRPBUS view by issuing the SUM display command.
MLSRPBUS – Monitor LSR pool buffers summary

The MLSRPBUS view shows summarized information about buffer usage for LSR pools within monitored CICS systems. MLSRPBUS is a summary form of the MLSRPBUF view.

Availability

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

Access

Issue command:

```bash
MLSRPBUS [lsrpool [buffsize [D|I|B]]]
```

Where the parameters are the same as those for MLSRPBUF on page 63.

Select

GLOBAL from the MONITOR menu and MLSRPBUS from the GLOBAL submenu.

Summarize:

Issue the SUM display command from an MLSRPBUF or MLSRPBUS view.

The MLSRPBUS view looks like the MLSRPBUF view shown in Figure 22 on page 63 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 MLSRPBUS view, you can hyperlink from the Count field to the MLSRPBUF view to expand a line of summary data. The MLSRPBUF view includes only those resources that were combined to form the specified summary line.
MLSRPOOD – Monitor LSR pool details

The MLSRPOOD view shows detailed information about an LSR pool within a monitored CICS system.

Availability

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

Access

Issue command:

```
MLSRPOOD 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 located. The CICS system must be a monitored system within the current scope.

Hyperlink from:

the ID field of the MLSRPOOL view.

Figure 23 is an example of the MLSRPOOD view.

### Action commands

Table 40 shows the action commands you can issue from the MLSRPOOD view.

#### Table 40. MLSRPOOD view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the LSR pool to 0.</td>
</tr>
</tbody>
</table>
Hyperlinks

Table 41 shows the hyperlink fields for the MLSRPOOD view.

**Table 41. MLSRPOOD view hyperlink field**

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Buffers Index</td>
<td>MLSRPBUF</td>
<td>General view of the buffer usage for this LSR pool.</td>
</tr>
</tbody>
</table>
MLSRPOOL – Monitor LSR pools

The MLSRPOOL view shows general information about LSR pools within monitored CICS systems.

Availability

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

Access

Issue command:

```
MLSRPOOL [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 GLOBAL from the MONITOR menu and MLSRPOOL from the GLOBAL submenu.

Figure 24 is an example of the MLSRPOOL view.

```
26FEB2001 11:30:30 --------- INFORMATION DISPLAY -----------------------------
COMMAND ===> SCROLL ===> PAGE
CURR WIN ==== 1 ALT WIN ===>
W1 =MLSRPOOL==EYUPLX01=EYUPLX01==26FEB2001==11:30:30=CPSM=---------
CMD CICS -DBuf Hits- -DBuf Read- HDBuf Reads -DBuf Wrts- HDBuf Write
--- ID System-- Curr Intv Curr Intv Curr Intv Curr Intv Curr Intv Curr Intv
 1 CICSAB12 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4
 2 CICSAB12 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4
 1 CICSAB23 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4
 2 CICSAB23 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4 123.4
```

Figure 24. The MLSRPOOL view

Action commands

Table 42 shows the action commands you can issue from the MLSRPOOL view.

**Table 42. MLSRPOOL view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt lsrpool sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with an LSR pool to 0.</td>
</tr>
<tr>
<td>REMove lsrpool sysname</td>
<td>REM</td>
<td>Removes an LSR pool from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

- **lsrpool** is a numeric value between 0 and 8 that identifies an LSR pool or * for all LSR pools.
- **sysname** is the specific or generic name of a CICS system.
Hyperlinks

Table 43 shows the hyperlink field for the MLSRPOOL view.

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>MLSRPOOL</td>
<td>Detailed view of the specified LSR pool.</td>
</tr>
</tbody>
</table>

**Note:** You can also display the MLSRPOOS view by issuing the SUM display command.
The MLSRPOOS view shows summarized information about LSR pools within monitored CICS systems. MLSRPOOS is a summary form of the MLSRPOOL view.

Availability

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

Access

**Issue command:**

MLSRPOOS [lsrpool]

Where the parameters are the same as those for MLSRPOOL on page 68.

**Select**

GLOBAL from the MONITOR menu and MLSRPOOS from the GLOBAL submenu.

**Summarize:**

Issue the SUM display command from an MLSRPOOL or MLSRPOOS view.

The MLSRPOOS view looks like the MLSRPOOL view shown in Figure 24 on page 68 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 MLSRPOOS view, you can hyperlink from the Count field to the MLSRPOOL view to expand a line of summary data. The MLSRPOOL view includes only those resources that were combined to form the specified summary line.
MREMFILD – Monitor remote file details

The MREMFILD view shows detailed information about a monitored remote file. Remote files are files that are defined to the local CICS system, but reside in another CICS system.

Availability

The MREMFILD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MREMFILD file sysname
```

- `file` is the name of a currently installed remote file that is being monitored.
- `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 the MREMFILE view.

Figure 25 is an example of the MREMFILD view.

**Figure 25. The MREMFILD view**

### Action commands

Table 44 shows the action commands you can issue from the MREMFILD view.

**Table 44. MREMFILD view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the remote file to 0.</td>
</tr>
<tr>
<td>REMOVE</td>
<td>n/a</td>
<td>Removes the remote file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

None.
MREMFILE – Monitor remote files

The MREMFILE view shows general information about monitored remote files. Remote files are files that are defined to the local CICS system, but reside in another CICS system.

Availability

The MREMFILE view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

**Issue command:**

```
MREMFILE [file [rem-file]]
```

- **file** is the specific or generic name of a currently installed remote file that is being monitored, 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 monitored remote files within the current scope.

**Select:**

FILE from the MONITOR menu and MREMFILE from the FILE submenu.

Figure 26 is an example of the MREMFILE view.

---

### Action commands

Table 45 shows the action commands you can issue from the MREMFILE view.

**Table 45. MREMFILE view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt file sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a remote file to 0.</td>
</tr>
<tr>
<td>REMove file sysname</td>
<td>REM</td>
<td>Removes a remote file from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
Table 45. MREMFILE view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Where:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>file</td>
<td></td>
<td>Is the specific or generic name of a monitored remote file.</td>
</tr>
<tr>
<td>sysname</td>
<td></td>
<td>Is the specific or generic name of a CICS system.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 46 shows the hyperlink field for the MREMFILE view.

Table 46. MREMFILE view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>File ID</td>
<td>MREMFILE</td>
<td>Detailed view of the specified remote file.</td>
</tr>
</tbody>
</table>

Note: You can also display the MREMFILE view by issuing the SUM display command.
files – MREMFILS

MREMFILS – Monitor remote files summary

The MREMFILS view shows summarized information about monitored remote files. MREMFILS is a summary form of the MREMFILE view.

Availability

The MREMFILS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MREMFILS [file [rem-file]]

Where the parameters are the same as those for MREMFILE on page 72.

Select: FILE from the MONITOR menu and MREMFILS from the FILE submenu.

Summarize: Issue the SUM display command from an MREMFILE or MREMFILS view.

The MREMFILS view looks like the MREMFILE view shown in Figure 26 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 MREMFILS view, you can hyperlink from the Count field to the MREMFILE view to expand a line of summary data. The MREMFILE view includes only those resources that were combined to form the specified summary line.
Chapter 7. 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 monitor views are:

- **MJOURNAL** A general view of monitored journals
- **MJOURNALD** A detailed view of a monitored journal
- **MJOURNLS** A summary view of monitored journals
- **MJRNLNM** A general view of monitored system and general logs
- **MJRNLNMS** A summary view of monitored system and general logs

**Note:** Monitor data is available only for journals that are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in *CICSPlex System Manager Managing Resource Usage*.

For details about the availability of journal views, see the individual view descriptions.
MJOURNAL – Monitor journals

The MJOURNAL view shows general information about monitored journals.

Availability

The MJOURNAL view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MJOURNAL [journal].

journal is a numeric value between 1 and 99 that identifies a monitored journal. If you omit this parameter, the view includes information about all monitored journals within the current scope.

Select: JOURNAL from the MONITOR menu and MJOURNAL from the JOURNAL submenu.

Figure 27 is an example of the MJOURNAL view.

Action commands

Table 47 show the action commands you can issue from the MJOURNAL view.

Table 47. MJOURNAL view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt journal sysname</td>
<td>INI</td>
<td>Initializes the CICSplex SM statistics counters associated with a journal to 0.</td>
</tr>
<tr>
<td>REMove journal sysname</td>
<td>REM</td>
<td>Removes a journal from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

journal Is a numeric value between 1 and 99 that identifies a monitored journal or * for all monitored journals.

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

Table 48 shows the hyperlink field for the MJOURNL view.

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>MJOURNLID</td>
<td>Detailed view of the specified journal.</td>
</tr>
</tbody>
</table>

Note: You can also display the MJURNLS view by issuing the SUM display command.
The MJOURNLD view shows detailed information about a monitored journal.

### Availability

The MJOURNLD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

### Access

**Issue command:**

```
MJOURNLD journal sysname
```

- `journal` is a numeric value between 1 and 99 identifying a monitored journal.
- `sysname` is the name of the CICS system where the journal is located. The CICS system must be a monitored system within the current scope.

**Hyperlink from:**

the ID field of the MJOURNL view.

Figure 28 is an example of the MJOURNLD view.

### Action commands

Table 49 shows the action commands you can issue from the MJOURNLD view.

**Table 49. MJOURNLD view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the journal to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the journal from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Figure 28. The MJOURNLD view**

**Note:** Fields in this view that are not applicable to a particular type of journal contain no data.

### Hyperlinks

None.

---

78  CICS TS for OS/390: CICSPlex SM Monitor Views Reference
MJOURLNS – Monitor journals summary

The MJOURLNS view shows summarized information about monitored journals. MJOURLNS is a summary form of the MJOURLNL view.

Availability

The MJOURLNS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MJOURLNS [journal]
```

Where the parameters are the same as those for MJOURLNL on page "MJOURLNL command" on page 76.

Select: JOURNAL from the MONITOR menu and MJOURLNS from the JOURNAL submenu.

Summarize: Issue the SUM display command from an MJOURLNL or MJOURLNS view.

The MJOURLNS view looks like the MJOURLNL view shown in Figure 27 on page 76 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 MJOURLNS view, you can hyperlink from the Count field to the MJOURLNL view to expand a line of summary data. The MJOURLNL view includes only those resources that were combined to form the specified summary line.
The **MJRNLNM** view shows general information about monitored system and general logs.

**Availability**

The MJRNLNM view is available for all systems running the CICS TS for OS/390 Release 1.

**Access**

**Issue command:**

```
MJRNLNM [journal]
```

*journal* is the 1 to 8 character name that identifies a monitored system or general log. If you omit this parameter, the view includes information about all monitored system or general logs within the current scope.

**Select:**

JOURNAL from the MONITOR menu and MJRNLNM from the JOURNAL submenu.

**Figure 29** is an example of the MJRNLNM view.

```
26FEB2001 21:12:12 ----------- INFORMATION DISPLAY ---------------------------
COMMAND ===> SCROLL ===> PAGE
CURR WIN ==> A
W1 =MJRNLNM=---------EYUPLX01=EYUPLX01=26FEB2001=21:12:12=CPSM=---------1==
CMD Journal CICS Type Numb Bytes Buff Logstream Name
--- ------- System-- ------- Writ Written Flus -------------------------
DFHLOG SYS42SM1 DUMMY 0 0 0
```

**Figure 29. The MJRNLNM view**

**Action commands**

**Table 50** show the action commands you can issue from the MJRNLNM view.

**Table 50. MJRNLNM view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt journal sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a system or general log to 0.</td>
</tr>
<tr>
<td>REMove journal sysname</td>
<td>REM</td>
<td>Removes a system or general log from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Where:**

- **journal** is the 1 to 8 character name that identifies a monitored system or general log, or * for all system or general logs.
- **sysname** is the specific or generic name of a CICS system.
Hyperlinks

Table 51 shows the hyperlink field for the MJRNLNM view.

Table 51. MJRNLNM view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logstream Name</td>
<td>STREAMNM</td>
<td>General view of MVS log streams.</td>
</tr>
</tbody>
</table>

Note: You can also display the MJRNLNMS view by issuing the SUM display command.
**MJRNLNMS – Monitor journal names summary**

The MJRNLNMS view shows summarized information about monitored journals. MJRNLNMS is a summary form of the MJRNLNM view.

**Availability**

The MJRNLNMS view is available for systems running the CICS TS for OS/390.

**Access**

**Issue command:**

MJRNLNMS [journal]

Where the parameters are the same as those for MJRNLNM on page "MJRNLNM command" on page 80.

**Select:**

JOURNAL from the MONITOR menu and MJRNLNMS from the JOURNAL submenu.

**Summarize:**

Issue the SUM display command from an MJRNLNM or MJRNLNMS view.

The MJRNLNMS view looks like the MJRNLNM view shown in Figure 29 on page 80 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

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

**Action commands**

Table 52 show the action commands you can issue from the MJRNLNMS view. These action commands affect all of the resources that were combined to form the summary line of data.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>n/a</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a system or general log to 0.</td>
</tr>
<tr>
<td>n/a</td>
<td>REM</td>
<td>Removes a system or general log from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Hyperlinks**

From the MJRNLNMS view, you can hyperlink from the Count field to the MJRNLNM view to expand a line of summary data. The MJRNLNM view includes only those resources that were combined to form the specified summary line.
The program views show information about programs within the current context and scope.

The program monitor views are:

MPROGRAD  A detailed view of a monitored program
MPROGRAM  A general view of monitored programs
MPROGRAS  A summary view of monitored programs

Note: This monitor data is available only for programs that are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in CICSPlex System Manager Managing Resource Usage.

For details about the availability of program views, see the individual view descriptions.
The MPROGRAD view shows detailed information about a monitored program.

**Availability**

The MPROGRAD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

**Access**

**Issue command:**

```
MPROGRAD  program  sysname
```

- `program` is the name of a currently installed program that is being monitored.
- `sysname` is the name of the CICS system where the program is installed. The CICS system must be a monitored system within the current scope.

**Hyperlink from:**

the Program Name field of the MPROGRAM view.

*Figure 30* is an example of the MPROGRAD view.

**Action commands**

*Table 53* shows the action commands you can issue from the MPROGRAD view.

*Table 53. MPROGRAD view action commands*

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the program to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the program from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
Table 54 shows the hyperlink fields for the MPROGRAD view.

Table 54. MPROGRAD view hyperlink fields

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Name</td>
<td>PROGRAMD</td>
<td>Detailed operations view of the specified program.</td>
</tr>
<tr>
<td>RPL ID Number</td>
<td>RPLLISTD</td>
<td>Detailed operations view of the DFHRPL data set concatenation for the specified CICS system.</td>
</tr>
</tbody>
</table>
The MPROGRAM view shows general information about monitored programs.

**Availability**

The MPROGRAM view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

**Access**

Issue command:

```
MPROGRAM [program]
```

programs the specific or generic name of a currently installed program that is being monitored. If you omit this parameter, the view includes information about all monitored programs within the current scope.

Select PROGRAM from the MONITOR menu and MPROGRAM from the PROGRAM submenu.

**Figure 31** is an example of the MPROGRAM view.

```
26FEB2001 19:34:22 ----------- INFORMATION DISPLAY ---------------------------
COMMAND ===> SCROLL ===> PAGE
CURR WIN ===> 1 ALT WIN ===>
W1 =MPROGRAM=:=EYUPLX01=EYUPLX01=26FEB2001==19:34:22=CPSM=66===
CMD Program CICS Use -Use Rate- Reuse Pct- --Average Fetch--
 --- Name---- System-- Count-- Curr Intv Curr Intv Curr Intv
EYUPR001 EYUMAS2A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUPR001 EYUMAS3A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUPR002 EYUMAS2A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUPR002 EYUMAS3A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUPR003 EYUMAS2A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUPR003 EYUMAS3A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUPR004 EYUMAS2A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUPR004 EYUMAS3A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUTXLPD EYUMAS2A 1 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYUTXLPD EYUMAS3A 1 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYU9CM01 EYUMAS2A 1 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYU9CM01 EYUMAS3A 1 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYU9DBG0 EYUMAS2A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYU9DBG0 EYUMAS3A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYU9DBUG EYUMAS2A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
EYU9DBUG EYUMAS3A 0 0.0 0.0 0.0 0.0 00:00:00.00 00:00:00.00
```

**Figure 31. The MPROGRAM view**

**Action commands**

Table 55 shows the action commands you can issue from the MPROGRAM view.

**Table 55. MPROGRAM view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT program sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a program to 0.</td>
</tr>
</tbody>
</table>
Table 55. MPROGRAM view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove program sysname</td>
<td>REM</td>
<td>Removes a program from CICSplex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:
- `program` is the specific or generic name of a program.
- `sysname` is the specific or generic name of a CICS system.

Hyperlinks

Table 56 shows the hyperlink field for the MPROGRAM view.

Table 56. MPROGRAM view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Name</td>
<td>MPROGRAD</td>
<td>Detailed view of the specified program.</td>
</tr>
</tbody>
</table>

Note: You can also display the MPROGRAS view by issuing the SUM display command.
MPROGRAS – Monitor programs summary

The MPROGRAS view shows summarized information about monitored programs. MPROGRAS is a summary form of the MPROGRAM view.

Availability

The MPROGRAS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MPROGRAS [program]

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

Select: PROGRAM from the MONITOR menu and MPROGRAS from the PROGRAM submenu.

Summarize: Issue the SUM display command from an MPROGRAM or MPROGRAS view.

The MPROGRAS view looks like the MPROGRAM view shown in Figure 31 on page 86 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

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

Action commands

None.

Hyperlinks

From the MPROGRAS view, you can hyperlink from the Count field to the MPROGRAM view to expand a line of summary data. The MPROGRAM view includes only those resources that were combined to form the specified summary line.
Chapter 9. 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 monitor views are:

**MTSQGBL**  A general view of temporary storage queue usage in monitored CICS systems

**MTSQGBLD**  A detailed view of temporary storage queue usage in a monitored CICS system

**MTSQGBLS**  A summary view of temporary storage queue usage in monitored CICS systems

**Note:** This information is available only for CICS systems where global resources are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in [CICSPlex System Manager Managing Resource Usage](#).

For details about the availability of the temporary storage queue views, see the individual view descriptions.
MTSQGBL – Monitor temporary storage queue usage

The MTSQGBL view shows general information about temporary storage queue usage within monitored CICS systems.

Availability

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

Access

Issue command:
MTSQGBL

Select: GLOBAL from the MONITOR menu and MTSQGBL from the GLOBAL submenu.

Figure 32 is an example of the MTSQGBL view.

<table>
<thead>
<tr>
<th>Table 57. MTSQGBL view action commands</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary command</strong></td>
</tr>
<tr>
<td>INIt sysname</td>
</tr>
<tr>
<td>REMove sysname</td>
</tr>
</tbody>
</table>

Where:
sysname is the specific or generic name of a CICS system.
Hyperlinks

Table 58 shows the hyperlink field for the MTSQGBL view.

Table 58. MTSQGBL view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CICS System</td>
<td>MTSQGBLD</td>
<td>Detailed view of temporary storage usage within the specified CICS system.</td>
</tr>
</tbody>
</table>

**Note:** You can also display the MTSQGBLS using the SUM display command.
MTSQGBLD – Monitor temporary storage queue usage details

The MTSQGBLD view shows detailed information about temporary storage queue usage within a monitored CICS system.

Availability

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

Access

**Issue command:**

```
MTSQGBLD sysname
```

*sysname* specifies the name of a monitored CICS system within the current scope.

**Hyperlink from:**

the CICS System field of the MTSQGBL view.

**Figure 33** is an example of the MTSQGBLD view.

<table>
<thead>
<tr>
<th>26FEB2001 19:37:14</th>
<th>INFORMATION DISPLAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMAND ===&gt;</td>
<td>SCROLL ===&gt;</td>
</tr>
<tr>
<td>CURR WIN ====&gt; 1</td>
<td>ALT WIN ====&gt;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CICS System......</th>
<th>EYUMAS1A</th>
<th>Tot Queue Creates</th>
<th>0</th>
<th>Aux Buffers.....</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUT/PUTQ Main.....</td>
<td>0</td>
<td>Peak Conc Queues..</td>
<td>6</td>
<td>Buffer Waits.....</td>
<td>0</td>
</tr>
<tr>
<td>CS PUT Main Rate..</td>
<td>0.0</td>
<td>Que Ext Create....</td>
<td>0</td>
<td>Peak Buf Wait....</td>
<td>0</td>
</tr>
<tr>
<td>MI PUT Main Rate..</td>
<td>0.0</td>
<td>Que Ext Threshold.</td>
<td>4</td>
<td>Buffer Reads.....</td>
<td>0</td>
</tr>
<tr>
<td>GET/GETQ Main.....</td>
<td>0 Entries Large Que</td>
<td>0</td>
<td>CS Read Rate.....</td>
<td>0.0</td>
<td></td>
</tr>
<tr>
<td>CS GET Main Rate..</td>
<td>0.0</td>
<td>Aux CI Size.......</td>
<td>4096</td>
<td>MI Read Rate.....</td>
<td>0.0</td>
</tr>
<tr>
<td>MI GET Main Rate..</td>
<td>0.0</td>
<td>Num Cls in DS.....</td>
<td>300</td>
<td>CS Hit Rate.....</td>
<td>0.0</td>
</tr>
<tr>
<td>Peak Stg Main.....</td>
<td>0</td>
<td>Peak Cls in Use..</td>
<td>2</td>
<td>MI Hit Rate.....</td>
<td>0.0</td>
</tr>
<tr>
<td>PUT/PUTQ Aux.....</td>
<td>7</td>
<td>Aux Full Count....</td>
<td>0</td>
<td>Buffer Writes....</td>
<td>0</td>
</tr>
<tr>
<td>CS PUT Aux Rate..</td>
<td>0.0</td>
<td>CS Aux Full %.....</td>
<td>0.0</td>
<td>CS Write Rate....</td>
<td>0.0</td>
</tr>
<tr>
<td>MI PUT Aux Rate..</td>
<td>0.0</td>
<td>MI Aux Full %.....</td>
<td>0.0</td>
<td>MI Write Rate....</td>
<td>0.0</td>
</tr>
<tr>
<td>GET/GETQ Aux.....</td>
<td>7 Aux Strings......</td>
<td>5</td>
<td>Format Writes....</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>CS GET Aux Rate..</td>
<td>0.0</td>
<td>Peak Strings Used</td>
<td>0</td>
<td>Write GT CI.....</td>
<td>0</td>
</tr>
<tr>
<td>MI GET Aux Rate..</td>
<td>0.0</td>
<td>String Waits......</td>
<td>0</td>
<td>Recovery Write...</td>
<td>0</td>
</tr>
<tr>
<td>Aux DS IO Errors.</td>
<td>0 Peak String Waits</td>
<td>0</td>
<td>Shpools Defd.....</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Figure 33. The MTSQGBLD view

**Action commands**

**Table 59** shows the action commands you can issue from the MTSQGBLD view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>N/A</td>
<td>Initializes the CICSPlex SM statistics counters associated with temporary storage queue usage to 0.</td>
</tr>
</tbody>
</table>
Table 59. MTSQGBLD view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove</td>
<td>N/A</td>
<td>Removes temporary storage queue usage from CICSplex SM monitoring for the current sample interval and discards the accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

None.
MTSQGBLS – Monitor temporary storage queue usage summary

The MTSQGBLS view shows summarized information about temporary storage queue usage within monitored CICS systems. MTSQGBLS is a summary form of the MTSQGBL view.

Availability

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

Access

Issue command:

MTSQGBLS

Select: GLOBAL from the MONITOR menu and MTSQGBLS from the GLOBAL submenu.

Summarize: Issue the SUM display command from an MTSQGBL or MTSQGBLS view.

The MTSQGBLS view looks like the MTSQGBL view shown in Figure 32 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

None.

Hyperlinks

From the MTSQGBLS view, you can hyperlink from the Count field to the MTSQGBL view to expand a line of summary data. The MTSQGBL view includes only those resources that were combined to form the specified summary line.
Chapter 10. 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 25.

The terminal monitor views are:

- **MTERMNL**  A general view of monitored terminals
- **MTERMNLD**  A detailed view of a monitored terminal
- **MTERMNLS**  A summary view of monitored terminals

**Note:** This monitor data is available only for terminals that are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in CICSPlex System Manager Managing Resource Usage.

For details about the availability of terminal views, see the individual view descriptions.
MTERMNL – Monitor terminals

The MTERMNL view shows general information about monitored terminals.

Availability

The MTERMNL view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

**Issue command:**

```
MTERMNL [terminal.]
```

`terminal` is the specific or generic name of a currently installed terminal that is being monitored, or `*` for all monitored terminals.

If you do not specify the parameter, the view includes information about all monitored terminals within the current scope.

**Select:**

TERMINAL from the MONITOR menu and MTERMNL from the TERMINAL submenu.

**Figure 34** is an example of the MTERMNL view.

**Table 60. MTERMNL view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt terminal sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a terminal to 0.</td>
</tr>
<tr>
<td>REMove terminal sysname</td>
<td>REM</td>
<td>Removes a terminal from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Where:**

- `terminal` is the specific or generic name of a terminal.
- `sysname` is the specific or generic name of a CICS system.

**Figure 34. The MTERMNL view**

**Action commands**

Table 60 shows the action commands you can issue from the MTERMNL view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt terminal sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a terminal to 0.</td>
</tr>
<tr>
<td>REMove terminal sysname</td>
<td>REM</td>
<td>Removes a terminal from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Where:**

- `terminal` is the specific or generic name of a terminal.
- `sysname` is the specific or generic name of a CICS system.
Hyperlinks

Table 61 shows the hyperlink field for the MTERMNL view.

Table 61. MTERMNL view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term ID</td>
<td>MTERMNLD</td>
<td>Detailed view of the specified terminal.</td>
</tr>
</tbody>
</table>

Note: You can also display the MTERMNLS view by issuing the SUM display command.
MTERMNLD – Monitor terminal details

The MTERMNLD view shows detailed information about a monitored terminal.

Availability

The MTERMNLD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MTERMNLD terminal sysname
```

terminal is the name of a currently installed terminal that is being monitored.

sysname is the name of the CICS system where the terminal is installed. The CICS system must be a monitored system within the current scope.

Hyperlink from:

the Term ID field of the MTERMNL view.

Figure 35 is an example of the MTERMNLD view.

Table 62 shows the action commands you can issue from the MTERMNLD view.

Table 62. MTERMNLD view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the terminal to 0.</td>
</tr>
<tr>
<td>REMOVE</td>
<td>n/a</td>
<td>Removes the terminal from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
Table 63 shows the hyperlink field for the MTERMNLD view.

Table 63. MTERMNLD view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal ID</td>
<td>TERMINLD</td>
<td>Detailed operations view of the specified terminal.</td>
</tr>
</tbody>
</table>
The MTERMNLS view shows summarized information about monitored terminals. MTERMNLS is a summary form of the MTERMNL view.

**Availability**

The MTERMNLS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

**Access**

**Issue command:**

MTERMNLS [terminal]

Where the parameter is the same as for MTERMNL on page 96.

**Select:**

TERMINAL from the MONITOR menu and MTERMNLS from the TERMINAL submenu.

**Summarize:**

Issue the SUM display command from an MTERMNL or MTERMNLS view.

The MTERMNLS view looks like the MTERMNL view shown in Figure 34 on page 96 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

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

**Action commands**

None.

**Hyperlinks**

From the MTERMNLS view, you can hyperlink from the Count field to the MTERMNL view to expand a line of summary data. The MTERMNL view includes only those resources that were combined to form the specified summary line.
Chapter 11. Transactions

The transaction views show information about CICS and user-defined transactions within the current context and scope.

The transaction monitor views are:

- **MLOCTRAD** A detailed view of a monitored local transaction
- **MLOCTRAN** A general view of monitored local transactions
- **MLOCTRAS** A summary view of monitored local transactions
- **MLOCTRA2** A detailed view of monitor information for a local transaction
- **MLOCTRA3** An additional detailed view of monitor information for a local transaction
- **MLOCTRA4** An additional detailed view of monitor information for a local transaction
- **MREMTRAD** A detailed view of monitored remote transactions
- **MREMTRAN** A general view of monitored remote transactions
- **MREMTRAS** A summary view of monitored remote transactions

**Note:** This monitor data is available only for transactions that are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in [CICSPlex System Manager Managing Resource Usage](#).

The transaction views are available for all managed CICS systems.
MLOCTRAD – Monitor local transaction details

The MLOCTRAD view shows detailed information about a monitored local transaction.

Availability

The MLOCTRAD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MLOCTRAD tran sysname
```

tran specifies the name of a currently installed local transaction that is being monitored.

sysname specifies the name of the CICS system where the transaction is installed. The CICS system must be a monitored system within the current scope.

Hyperlink from:

the Tran ID field of the MLOCTRAN view.

Figure 36 is an example of the MLOCTRAD 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 z/OS Installation Guide.
2. For MONITOR views, the CICSPlex SM statistics counters are normally reset at the end of the user-defined monitor interval. In the MLOCTRAD view, however, the counters for certain fields are reset as part of the CICSPlex SM end of transaction processing. The fields Total Response, Local Dyn Cnt, and BMS Reqs, and all of the fields that appear below those fields are reset by the end of transaction processing.

### Action commands

Table 64 shows the action commands you can issue from the MLOCTRAD view.

**Table 64. MLOCTRAD view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INI</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the local transaction to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the local transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

### Hyperlinks

Table 65 shows the hyperlink fields for the MLOCTRAD view.

**Table 65. MLOCTRAD view hyperlink field**

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tran ID</td>
<td>LOCTRAN</td>
<td>Detailed operations view of the specified transaction.</td>
</tr>
<tr>
<td>Totl FEPI Req</td>
<td>MLOCTRA2</td>
<td>Detailed monitor view of status information for a local transaction.</td>
</tr>
<tr>
<td>More Data</td>
<td>MLOCTRA3</td>
<td>Additional monitor view of status information for a local transaction.</td>
</tr>
</tbody>
</table>
MLOCTRAN – Monitor local transactions

The MLOCTRAN view shows general information about monitored local transactions. Information about dynamic transactions that are running locally is also included in the view.

Note: In order to alter performance record processing for long running task (LRT)s, CICS/ESA 4.1 has added parameters for the SIT (MCONV, MNFREQ, and MNSYNC), and new operands for the SET MONITOR command (CONVERSEST, FREQUENCY, FREQUENCYHRS, FREQUENCYMIN, FREQUENCYSEC, and SYNCPOINTST). These changes may result in performance records being written for a task before it ends. If these options are used, CICSPlex SM reports the occurrence of these multiple performance records as being multiple executions of the transaction under which the task is being executed.

Availability

The MLOCTRAN view is available for all managed CICS systems.

Access

Issue command:

```plaintext
MLOCTRAN [tran]
```

tranIs the specific or generic name of a currently installed local transaction that is being monitored. If you omit this parameter, the view includes information about all monitored transactions within the current scope.

Select: TRANS from the MONITOR menu and MLOCTRAN from the TRANS submenu.

Figure 37 on page 105 is an example of the MLOCTRAN view.
Action commands

Table 66 shows the action commands you can issue from the MLOCTRAN view.

Table 66. MLOCTRAN view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt tran sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a local transaction to 0.</td>
</tr>
<tr>
<td>REMove tran sysname</td>
<td>REM</td>
<td>Removes a local transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

tran Is the specific or generic name of a monitored transaction.

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

Hyperlinks

Table 67 shows the hyperlink field for the MLOCTRAN view.

Table 67. MLOCTRAN view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tran ID</td>
<td>MLOCTRAD</td>
<td>Detailed view of the specified local transaction.</td>
</tr>
</tbody>
</table>

Note: You can also display the MLOCTRAS view by issuing the SUM display command.
transactions – MLOCTRAS

MLOCTRAS – Monitor local transactions summary

The MLOCTRAS view shows summarized information about monitored local transactions. MLOCTRAS is a summary form of the MLOCTRAN view.

Availability

The MLOCTRAS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MLOCTRAS [tran]

Where the parameters are the same as those for MLOCTRAN on page 104.

Select:

TRANS from the MONITOR menu and MLOCTRAS from the TRANS submenu.

Summarize:

Issue the SUM display command from an MLOCTRAN or MLOCTRAS view.

The MLOCTRAS view looks like the MLOCTRAN view shown in Figure 37 on page 105 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 MLOCTRAS view, you can hyperlink from the Count field to the MLOCTRAN view to expand a line of summary data. The MLOCTRAN view includes only those resources that were combined to form the specified summary line.
MLOCTRA2 – Monitor local transaction FEPI details

The MLOCTRA2 view shows detailed monitor information about a local transaction.

Availability

The MLOCTRA2 view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```plaintext
MLOCTRA2 tran sysname
```

*tran* is the name of a currently installed local transaction that is being monitored.

*sysname* is the name of the CICS system where the transaction is installed. The CICS system must be a monitored system within the current scope.

Hyperlink from:

The Totl FEPI Req field of the MLOCTRAD view.

Figure 38 is an example of the MLOCTRA2 view.

![Figure 38](image)

Figure 38. The MLOCTRA2 view

Note: 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 z/OS Installation Guide.
Action commands

Table 68 shows the action commands you can issue from the MLOCTRA2 view.

Table 68. MLOCTRA2 view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INI</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the local transaction to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the local transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

Table 69 shows the hyperlink field for the MLOCTRA2 view.

Table 69. MLOCTRA2 view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>More Data</td>
<td>MLOCTRA3</td>
<td>Detailed monitor view of FEPI status information.</td>
</tr>
</tbody>
</table>
MLOCTRA3 – Monitor local transaction extra data

The MLOCTRA3 view shows detailed information about a local transaction, additional to the details shown in the MLOCTRA2 view.

Availability

The MLOCTRA3 view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:  

MLOCTRA3 tran sysname

trans is the name of a currently installed local transaction that is being monitored.

sysnam is the name of the CICS system where the transaction is installed. The CICS system must be a monitored system within the current scope.

Hyperlink from:  
The More Data field of the MLOCTRA2 view.

Figure 39 is an example of the MLOCTRA3 view.

Figure 39. The MLOCTRA3 view

Note: 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.
transactions – MLOCTRA3

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 z/OS Installation Guide.

Action commands

None.

Hyperlinks

Table 70 shows the hyperlink field for the MLOCTRA3 view.

Table 70. MLOCTRA3 view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>More Data</td>
<td>MLOCTRA4</td>
<td>Additional status information for the local transaction.</td>
</tr>
</tbody>
</table>
MLOCTRA4 – Monitor local transaction extra data

The MLOCTRA4 view shows detailed information about a local transaction, additional to the details shown in the MLOCTRA2 and MLOCTRAN3 views.

Availability

The MLOCTRA4 view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Hyperlink from:

The More Data field of the MLOCTRAD view, the second More Data field of the MLOCTRA2 view, or the More Data field of the MLOCTRA3 view.

Figure 40 is an example of the MLOCTRA4 view.

Figure 40. The MLOCTRA4 view

Note: 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 z/OS Installation Guide.

Action commands

None.
transactions – MLOCTRA4

Hyperlinks

None.
MREMTRAD – Monitor remote transaction details

The MREMTRAD view shows detailed information about a monitored remote transaction.

Availability

The MREMTRAD view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

**Issue command:**

```
MREMTRAD tran rem-tran sysname
```

- **tran** is the name of a currently installed remote transaction that is being monitored.
- **rem-tran** is the remote name of a currently installed remote transaction that is being monitored.
- **sysname** is the name of the local CICS system. The CICS system must be a monitored system within the current scope.

**Hyperlink from:**

the Tran ID field of the MREMTRAN view.

*Figure 41* is an example of the MREMTRAD view.

```
26FEB2001 19:35:30 ------ INFORMATION DISPLAY -------
COMMAND ===> SCROLL ===> PAGE
CURR WIN ===> 1 ALT WIN ===> 2
W1 =MREMTRAN=MREMTRAD=EYUPLX01=EYUPLX01=26FEB2001==19:35:24=CPSM==========1===
Tran ID...... ET03
CICS System.. EYUMAS1A
Tran Class... 00
Remote Name.. ET03
Remote System 1A2A
Rem Start Cnt N/A
Times Dynamic 0
Use Count.... 0
Cur Tran Rate 0.0
Cur Tran Intv 0.0
Response Time 00:00:00
Avg Resp Time 00:00:00
Avg Resp Intv 00:00:00
IRC IO Time.. 00:00:00
```

*Figure 41. The MREMTRAD view*

**Note:** 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, 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 z/OS Installation Guide*.
Action commands

Table 71 shows the action commands you can issue from the MREMTRAD view.

Table 71. MREMTRAD view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INI</td>
<td>n/a</td>
<td>Initializes the CICSPlex SM statistics counters associated with the local transaction to 0.</td>
</tr>
<tr>
<td>REMove</td>
<td>n/a</td>
<td>Removes the local transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Hyperlinks

None.
MREMTRAN – Monitor remote transactions

The MREMTRAN view shows general information about monitored remote transactions. Remote transactions are transactions that are defined to the local CICS system, but reside in another CICS system. For a dynamic transaction, the remote name and system ID reflect where the transaction is running.

Note: In order to alter performance record processing for long-running tasks, CICS/ESA 4.1 has added parameters for the SIT (MCONV, MNFREQ, and MNSYNC), and new operands for the SET MONITOR command (CONVERSEST, FREQUENCY, FREQUENCYHRS, FREQUENCYMIN, FREQUENCYSEC, and SYNCPOINTST). These changes may result in performance records being written for a task before it ends. If these options are used, CICSPlex SM reports the occurrence of these multiple performance records as being multiple executions of the transaction under which the task is being executed.

Availability

The MREMTRAN view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MREMTRAN [tran [rem-tran]]

tran specifies the specific or generic name of a currently installed remote transaction that is being monitored, or * for all monitored remote transactions.

rem-tran specifies 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 monitored remote transactions within the current scope.

Select:

TRANS from the MONITOR menu and MREMTRAN from the TRANS submenu.

Figure 42 is an example of the MREMTRAN view.

Figure 42. The MREMTRAN view
transactions – MREMTRAN

Action commands

Table 72 shows the action commands you can issue from the MREMTRAN view.

Table 72. MREMTRAN view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt tran rem-tran sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a remote transaction to 0.</td>
</tr>
<tr>
<td>REMove tran rem-tran sysname</td>
<td>REM</td>
<td>Removes a remote transaction from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:
- tran: Is the specific or generic name of a transaction as defined to the local CICS system.
- rem-tran: Is the specific or generic remote name of a transaction.
- sysname: Is the specific or generic name of a CICS system.

Hyperlinks

Table 73 shows the hyperlink field for the MREMTRAN view.

Table 73. MREMTRAN view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tran ID</td>
<td>MREMTRAD</td>
<td>Detailed operations view of the specified remote transaction.</td>
</tr>
</tbody>
</table>

Note: You can also display the MREMTRAS view by issuing the SUM display command.
MREMTRAS – Monitor remote transactions summary

The MREMTRAS view shows summarized information about monitored remote transactions. MREMTRAS is a summary form of the MREMTRAN view.

Availability

The MREMTRAS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MREMTRAS [tran [rem-tran]]

Where the parameters are the same as those for MREMTRAN on page 115.

Select: TRANS from the MONITOR menu and MREMTRAS from the TRANS submenu.

Summarize: Issue the SUM display command from an MREMTRAN or MREMTRAS view.

The MREMTRAS view looks like the MREMTRAN view shown in Figure 42 on page 113 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 MREMTRAS view, you can hyperlink from the Count field to the MREMTRAN view to expand a line of summary data. The MREMTRAN view includes only those resources that were combined to form the specified summary line.
Chapter 12. 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 monitor views are:

- **MINDTDQ**: A general view of monitored indirect transient data queues
- **MINDTDQS**: A summary view of monitored indirect transient data queues
- **MNTRATDQ**: A general view of monitored intrapartition transient data queues
- **MNTRATDS**: A summary view of monitored intrapartition transient data queues
- **MREMTDQ**: A general view of monitored remote transient data queues
- **MREMTDQS**: A summary view of monitored remote transient data queues
- **MTDQGBL**: A general view of intrapartition transient data queue usage in monitored CICS systems
- **MTDQGBLD**: A detailed view of intrapartition transient data queue usage in a monitored CICS system
- **MTDQGBLS**: A summary view of intrapartition transient data queue usage in monitored CICS systems
- **MXTRATDQ**: A general view of monitored extrapartition transient data queues
- **MXTRATDS**: A summary view of monitored extrapartition transient data queues

**Note:** This monitor data is available only for transient data queues that are being monitored by CICSPlex SM. Information for the MTDQGBL, MTDQGBLD, and MTDQGBLS views is available only for CICS systems where global resources are being monitored by CICSPlex SM. For details on defining the resources that CICSPlex SM is to monitor, see the discussion of resource monitoring in [CICSPlex System Manager Managing Resource Usage](#).

For details about the availability of the transient data queue views, see the individual view descriptions.
MINDTDQ – Monitor indirect transient data queues

The MINDTDQ view shows general information about monitored indirect transient data queues.

Availability

The MINDTDQ view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

MINDTDQ [tdq [ind-tdq]]

tdq is the specific or generic name of a currently installed indirect transient data queue that is being monitored, or * for all monitored indirect queues.

ind-tdq is the specific or generic indirect name of a monitored 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 monitored indirect transient data queues within the current scope.

Select: TDQ from the MONITOR menu and MINDTDQ from the TDQ submenu.

Figure 43 is an example of the MINDTDQ view.

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt tdq ind-tdq sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with an indirect transient data queue to 0.</td>
</tr>
</tbody>
</table>
### Table 74. MINDTDQ view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove <strong>tdq</strong> <strong>ind-tdq</strong> <strong>sysname</strong></td>
<td><strong>REM</strong></td>
<td>Removes an indirect transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

**Where:**
- **tdq** is the specific or generic name of a transient data queue.
- **ind-tdq** is the specific or generic indirect name of a transient data queue.
- **sysname** is the specific or generic name of a CICS system.

### Hyperlinks

None.

**Note:** You can display the MINDTDQS view by issuing the SUM display command.
transient data queues – MINDTDQS

**MINDTDQS – Monitor indirect transient data queues summary**

The MINDTDQS view shows summarized information about monitored indirect transient data queues. MINDTDQS is a summary form of the MINDTDQ view.

**Availability**

The MINDTDQS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

**Access**

**Issue command:**

```
MINDTDQS [tdq [ind-tdq]]
```

Where the parameters are the same as those for MINDTDQ on page 120.

**Select:**

TDQ from the MONITOR menu and MINDTDQS from the TDQ submenu.

**Summarize:**

Issue the SUM display command from an MINDTDQ or MINDTDQS view.

The MINDTDQS view looks like the MINDTDQ view shown in Figure 43 on page 120 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 MINDTDQS view, you can hyperlink from the Count field to the MINDTDQ view to expand a line of summary data. The MINDTDQ view includes only those resources that were combined to form the specified summary line.
MNTRATDQ – Monitor intrapartition transient data queues

The MNTRATDQ view shows general information about monitored intrapartition transient data queues.

Availability

The MNTRATDQ view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MNTRATDQ [tdq]
```

tdq|s the specific or generic name of a currently installed intrapartition transient data queue that is being monitored. If you omit this parameter, the view includes information about all monitored intrapartition transient data queues within the current scope.

Select: TDQ from the MONITOR menu and MNTRATQD from the TDQ submenu.

Figure 44 is an example of the MNTRATDQ view.

<table>
<thead>
<tr>
<th>26FEB2001 19:23:32</th>
<th>INFORMATION DISPLAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMAND ===</td>
<td>SCROLL ===</td>
</tr>
<tr>
<td>CMD Que</td>
<td>CICS Access</td>
</tr>
<tr>
<td>EQ01 EYUMAS1A</td>
<td>0 0.0 0.0 1 0 NOTER ENABLE</td>
</tr>
<tr>
<td>EQ01 EYUMAS3A</td>
<td>0 0.0 0.0 1 0 NOTER ENABLE</td>
</tr>
<tr>
<td>EQ01 EYUMAS4A</td>
<td>0 0.0 0.0 1 0 NOTER ENABLE</td>
</tr>
</tbody>
</table>

Figure 44. The MNTRATDQ view

Action commands

Table 75 shows the action commands you can issue from the MNTRATDQ view.

Table 75. MNTRATDQ view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt tdq sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with an intrapartition transient data queue to 0.</td>
</tr>
<tr>
<td>REMove tdq sysname</td>
<td>REM</td>
<td>Removes an intrapartition transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

- **tdq** is the specific or generic name of a monitored intrapartition transient data queue.
- **sysname** is the specific or generic name of a CICS system.
transient data queues – MNTRATDQ

Hyperlinks

None.

Note: You can display the MNTRATDS view by issuing the SUM display command.
MNTRATDS – Monitor intrapartition transient data queues summary

The MNTRATDS view shows summarized information about monitored intrapartition transient data queues. MNTRATDS is a summary form of the MNTRATDQ view.

Availability

The MNTRATDS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MNTRATDS [tdq]
```

Where the parameters are the same as those for MNTRATDQ on page 123.

Select: TDQ from the MONITOR menu and MNTRATDS from the TDQ submenu.

Summarize: Issue the SUM display command from an MNTRATDQ or MNTRATDS view.

The MNTRATDS view looks like the MNTRATDQ view shown in Figure 44 on page 123 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 MNTRATDS view, you can hyperlink from the Count field to the MNTRATDQ view to expand a line of summary data. The MNTRATDQ view includes only those resources that were combined to form the specified summary line.
**MREMTDQ – Monitor remote transient data queues**

The MREMTDQ view shows general information about monitored 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 MREMTDQ view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

**Access**

**Issue command:**

```
MREMTDQ [tdq [rem-tdq]]
```

*tdq* is the specific or generic name of a currently installed remote transient data queue that is being monitored, or * for all monitored remote queues.

*rem-tdq* is the specific or generic name of a remote transient data 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 monitored remote transient data queues within the current scope.

**Select:**

TDQ from the MONITOR menu and MREMTDQ from the TDQ submenu.

Figure 45 is an example of the MREMTDQ view.

**Table 76. MREMTDQ view action commands**

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIt tdq rem-tran sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with a remote transient data queue to 0.</td>
</tr>
</tbody>
</table>

Figure 45. The MREMTDQ view
Table 76. MREMTDQ view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REMove tdq rem-tran sysname</td>
<td>REM</td>
<td>Removes a remote transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:
- tdq is the specific or generic name of a monitored remote transient data queue as defined to the local CICS system.
- rem-tran is the specific or generic remote name of a transient data queue.
- sysname is the specific or generic name of a CICS system.

Hyperlinks

None.

Note: You can display the MREMTDQS view by issuing the SUM display command.
MREMTDQS – Monitor remote transient data queues summary

The MREMTDQS view shows summarized information about monitored remote transient data queues. MREMTDQS is a summary form of the MREMTDQ view.

Availability

The MREMTDQS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

**Issue command:**

MREMTDQS [tdq [rem-tdq]]

Where the parameters are the same as those for MREMTDQ on page 126.

**Select:**

TDQ from the MONITOR menu and MREMTDQS from the TDQ submenu.

**Summarize:**

Issue the SUM display command from an MREMTDQ or MREMTDQS view.

The MREMTDQS view looks like the MREMTDQ view shown in Figure 45 on page 128 with one addition: the Count field. This field appears next to the CICS System field, and indicates how many resources were combined to form each line of summary data.

Action commands

None.

Hyperlinks

From the MREMTDQS view, you can hyperlink from the Count field to the MREMTDQ view to expand a line of summary data. The MREMTDQ view includes only those resources that were combined to form the specified summary line.
MTDQGBL – Monitor transient data queue usage

The MTDQGBL view shows general information about intrapartition transient data queue usage within monitored CICS systems.

Availability

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

Access

Issue command:

MTDQGBL

Select: GLOBAL from the MONITOR menu and MTDQGBL from the GLOBAL submenu.

Figure 46 is an example of the MTDQGBL view.

Table 77 shows the action commands you can issue from the MTDQGBL view.

Table 77. MTDQGBL view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with intrapartition transient data queue usage to 0.</td>
</tr>
<tr>
<td>REMove sysname</td>
<td>REM</td>
<td>Removes intrapartition transient data queue usage from CICSPlex SM monitoring for the current sample interval and discards the accumulated statistics.</td>
</tr>
</tbody>
</table>

Where:

sysname

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

Table 78 shows the hyperlink field for the MTDQGBL view.

Table 78. MTDQGBL view hyperlink field

<table>
<thead>
<tr>
<th>Hyperlink field</th>
<th>View displayed</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CICS System</td>
<td>MTDQGBLD</td>
<td>Detailed view of intrapartition transient data queue usage for the specified CICS system.</td>
</tr>
</tbody>
</table>

**Note:** You can also display the MTDQGBLS view by issuing the SUM display command.
MTDQGBLD – Monitor transient data queue usage details

The MTDQGBLD view shows detailed information about intrapartition transient data queue usage within a monitored CICS system.

Availability

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

Access

Issue command:

```
MTDQGBLD sysname
```

sysname is the name of a monitored CICS system within the current scope.

Hyperlink from:

the CICS System field of the MTDQGBL view.

**Figure 47** is an example of the MTDQGBLD view.

<table>
<thead>
<tr>
<th>26FEB2001 19:36:40</th>
<th>INFORMATION DISPLAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMAND === SCROLL =&gt; PAGE</td>
<td></td>
</tr>
<tr>
<td>CURR WIN ==&gt; 1 ALT WIN ==&gt; =&gt;</td>
<td></td>
</tr>
<tr>
<td>W1 =MTDQGBL=EYUMAS1A Buffer Count..... 8 CURRENT........</td>
<td></td>
</tr>
<tr>
<td>Intra CI Size.... 4096 Buff Accesses... 0 ConCur Buf Acc N/A</td>
<td></td>
</tr>
<tr>
<td>Number of CIs...... 1 Peak Conc Access 0 Buff Wait...... N/A</td>
<td></td>
</tr>
<tr>
<td>Numb of CIs used. 1 Buffer Reads.... 0 Buff W/Val Data N/A</td>
<td></td>
</tr>
<tr>
<td>Peak CIs in Use.. 0 Buffer Writes... 0 ConCur Str Acc N/A</td>
<td></td>
</tr>
<tr>
<td>Dataset IO Errs.. 0 Buff Fmt Writes. 0 Str Waits..... N/A</td>
<td></td>
</tr>
<tr>
<td>Number Strings... 3 Buffer Waits..... 0</td>
<td></td>
</tr>
<tr>
<td>Str Acc........... 0 Peak Conc Wait.. 0</td>
<td></td>
</tr>
<tr>
<td>Peak ConCur Str.. 0 Peak Buff Valid. 0</td>
<td></td>
</tr>
<tr>
<td>Total Str Waits.. 0 CS Hit Rate..... 0.0 MI Hit Rate.... 0.0</td>
<td></td>
</tr>
<tr>
<td>Peak Str Waits... 0 CS Read Rate.... 0.0 MI Read Rate... 0.0</td>
<td></td>
</tr>
<tr>
<td>CS Write Rate... 0.0 MI Write Rate.. 0.0</td>
<td></td>
</tr>
<tr>
<td>NOSPACE Count... 0</td>
<td></td>
</tr>
<tr>
<td>CS NOSPACE %... 0.0 MI NOSPACE %... 0.0</td>
<td></td>
</tr>
</tbody>
</table>

**Figure 47. The MTDQGBLD view**

Action commands

**Table 79** shows the action commands you can issue from the MTDQGBLD view.

<table>
<thead>
<tr>
<th>Table 79. MTDQGBLD view action commands</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary command</strong></td>
</tr>
<tr>
<td>INIt</td>
</tr>
<tr>
<td>REMove</td>
</tr>
</tbody>
</table>
transient data queues – MTDQGBLD

Hyperlinks

None.
MTDQGBLS – Monitor transient data queue usage summary

The MTDQGBLS view shows summarized information about intrapartition transient data queue usage within monitored CICS systems. MTDQGBLS is a summary form of the MTDQGBL view.

Availability

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

Access

Issue command:

MTDQGBLS

Select: GLOBAL from the MONITOR menu and MTDQGBLS from the GLOBAL submenu.

Summarize: Issue the SUM display command from an MTDQGBL or MTDQGBLS view.

The MTDQGBLS view looks like the MTDQGBL view shown in Figure 46 on page 129 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 MTDQGBLS view, you can hyperlink from the Count field to the MTDQGBL view to expand a line of summary data. The MTDQGBL view includes only those resources that were combined to form the specified summary line.
MXTRATDQ – Monitor extrapartition transient data queues

The MXTRATDQ view shows general information about monitored extrapartition transient data queues.

Availability

The MXTRATDQ view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MXTRATDQ [tdq]
```

`tdq` is the specific or generic name of a currently installed extrapartition transient data queue that is being monitored. If you omit this parameter, the view includes information about all extrapartition transient data queues within the current scope.

Select:

TDQ from the MONITOR menu and MXTRATDQ from the TDQ submenu.

Figure 48 is an example of the MXTRATDQ view.

```
26FEB2001 19:37:34 ----------- INFORMATION DISPLAY -----------------------------
COMMAND === SCROLL === PAGE
CURR WIN === 1 ALT WIN ===>
W1 =MXTRATDQ=------EYUPLX01=EYUPLX01=26FEB2001==19:37:33=CPSM=----------B===
CMD Queue CICS Access -Access Rate- Enabled Open
--- --- System-- Count--- Curr Intv Status Status
COLG EYUMAS1A 0 0.0 0.0 ENABLED OPEN
COLG EYUMAS2A 0 0.0 0.0 ENABLED OPEN
COLG EYUMAS3A 0 0.0 0.0 ENABLED OPEN
COLG EYUMAS4A 0 0.0 0.0 ENABLED OPEN
COPR EYUMAS1A 0 0.0 0.0 ENABLED CLOSED
COPR EYUMAS2A 0 0.0 0.0 ENABLED CLOSED
COPR EYUMAS3A 0 0.0 0.0 ENABLED CLOSED
COPR EYUMAS4A 0 0.0 0.0 ENABLED CLOSED
```

Figure 48. The MXTRATDQ view

Action commands

Table 80 shows the action commands you can issue from the MXTRATDQ view.

Table 80. MXTRATDQ view action commands

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INIT tdq sysname</td>
<td>INI</td>
<td>Initializes the CICSPlex SM statistics counters associated with an extrapartition transient data queue to 0.</td>
</tr>
<tr>
<td>REMove tdq sysname</td>
<td>REM</td>
<td>Removes an extrapartition transient data queue from CICSPlex SM monitoring for the current sample interval and discards its accumulated statistics.</td>
</tr>
</tbody>
</table>
### Table 80. MXTRATDQ view action commands (continued)

<table>
<thead>
<tr>
<th>Primary command</th>
<th>Line command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>tdq</td>
<td></td>
<td>Is the specific or generic name of a monitored extrapartition transient data queue.</td>
</tr>
<tr>
<td>sysname</td>
<td></td>
<td>Is the specific or generic name of a CICS system.</td>
</tr>
</tbody>
</table>

**Hyperlinks**

None.

**Note:** You can display the MXTRATDS view by issuing the SUM display command.
MXTRATDS – Monitor extrapartition transient data queues summary

The MXTRATDS view shows summarized information about monitored extrapartition transient data queues. MXTRATDS is a summary form of the MXTRATDQ view.

Availability

The MXTRATDS view is available for all managed CICS systems except CICS for OS/2 2.0.1 and later.

Access

Issue command:

```
MXTRATDS [tdq]
```

Where the parameters are the same as those for MXTRATDQ on page 134.

Select: TDQ from the MONITOR menu and MXTRATDS from the TDQ submenu.

Summarize: Issue the SUM display command from an MXTRATDQ or MXTRATDS view.

The MXTRATDS view looks like the MXTRATDQ view shown in Figure 48 on page 134 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 MXTRATDS view, you can hyperlink from the Count field to the MXTRATDQ view to expand a line of summary data. The MXTRATDQ view includes only those resources that were combined to form the specified summary line.
The above titles are the only unlicensed books available in hardcopy for CICS Transaction Server for z/OS Version 2 Release 1. All the remaining CICS and CICSPlex SM books are supplied in softcopy only in the CICS Information Center, which is distributed on CD-ROM.

CICS books for CICS Transaction Server for z/OS

General
- CICS User's Handbook
- CICS Transaction Server for z/OS Glossary

Administration
- CICS System Definition Guide
- CICS Customization Guide
- CICS Resource Definition Guide
- CICS Operations and Utilities Guide
- CICS Supplied Transactions

Programming
- CICS Application Programming Guide
- CICS Application Programming Reference
- CICS System Programming Reference
- CICS C++ OO Class Libraries
- CICS Distributed Transaction Programming Guide
- CICS Business Transaction Services
- Java Applications in CICS

Diagnosis
- CICS Problem Determination Guide
- CICS Messages and Codes
- CICS Diagnosis Reference
- CICS Data Areas
- CICS Trace Entries
- CICS Supplementary Data Areas

Communication
- CICS Intercommunication Guide
- CICS Family: Interproduct Communication
- CICS Family: Communicating from CICS on System/390
- CICS External Interfaces Guide
- CICS Internet Guide

Special topics
- CICS Recovery and Restart Guide
- CICS Performance Guide
- CICS IMS Database Control Guide
- CICS RACF Security Guide
CICSPlex SM books for CICS Transaction Server for z/OS

General
- CICSPlex SM Concepts and Planning
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- CICSPlex SM Resource Tables Reference
- CICSPlex SM Messages and Codes
- CICSPlex SM Problem Determination

Other CICS books
- Designing and Programming CICS Applications
- CICS Application Migration Aid Guide
- CICS Family: API Structure
- CICS Family: Client/Server Programming
- CICS Transaction Gateway for OS/390 Administration
- CICS Family: General Information
- CICS 4.1 Sample Applications Guide
- CICS/ESA 3.3 XRF Guide

Note: The CICS Transaction Server for OS/390: Planning for Installation book that was part of the library for CICS Transaction Server for OS/390, Version 1 Release 3, is now merged with the CICS Transaction Server for z/OS Installation Guide. If you have any questions about the CICS Transaction Server for z/OS library, see CICS Transaction Server for z/OS Installation Guide which discusses both hardcopy and softcopy books and the ways that the books can be ordered.

Determining if a publication is current

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For CICS Transaction Server books, these softcopy updates appear regularly on the Transaction Processing and Data Collection Kit CD-ROM, SK2T-0730-xx. Each reissue of the collection kit is indicated by an updated order number suffix (the -xx part). For example, collection kit SK2T-0730-06 is more up-to-date than SK2T-0730-05. The collection kit is also clearly dated on the cover.

Updates to the softcopy are clearly marked by revision codes (usually a “#” character) to the left of the changes.
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