CICS Transaction Server for z/OS

IBM

CICSPlex SM Managing Workloads

Version 3 Release 1

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This edition applies to Version 3 Release 1 of CICS Transaction Server for z/OS, program number 5655-M15, 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.

Contents

Preface

This reference summary lists all of the CICSPlex® System Manager API commands, and theCICSPlex SM REXX functions and commands in alphabetical order.

For more detailed information about any of these commands, see the *CICSPlex System Manager Application Programming Reference*.

Alternatively, use CICSPlex SM's online help.

CICS system connectivity

This release of CICSPlex SM can be used to control CICS® systems that are directly connected to it.

For this release of CICSPlex SM, the connectable CICS systems are:
- CICS Transaction Server for z/OS® 3.1
- CICS Transaction Server for z/OS 2.3
- CICS Transaction Server for z/OS 2.2
- CICS Transaction Server for OS/390® 1.3

You can use this release of CICSPlex SM to control systems running supported releases of CICS 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 from CICS TS Version 2.3* for information on how to do this.

Table 1 shows which supported CICS systems can be directly connected to which releases of CICSPlex SM.

Table 1. Directly-connectable CICS systems by CICSPlex SM release

CICS system	CICSPlex SM component of CICS TS 3.1	CICSPlex SM component of CICS TS 2.3	CICSPlex SM component of CICS TS 2.2	CICSPlex SM component of CICS TS 1.3
CICS TS 3.1	Yes	No	No	No
CICS TS 2.3	Yes	Yes	No	No
CICS TS 2.2	Yes	Yes	Yes	No
CICS TS 1.3	Yes	Yes	Yes	Yes
TXSeries 4.3.0.4	No	Yes	Yes	No
TXSeries 5.0	No	Yes	Yes	No

Syntax notation and conventions

The syntax descriptions of the CICSPlex SM commands in this reference summary use the following notation:
- Commands and parameters that are literals are shown in uppercase characters, like this:

    CICSRGN

If a parameter may be abbreviated, the minimum permitted abbreviation is shown in uppercase characters, and the remainder is shown in lowercase characters, like this:

SUSpended

- Variable parameters are shown in lowercase characters, like this:

program

You supply your own data for these parameters. For example, in the view command:

MPROGRAD *program sysname*

you supply the name of an installed program in place of *program*, and the name of a CICS system in place of *sysname*.

- Square brackets [ ] enclose optional parameters. Parameters not enclosed by square brackets are required.
- The OR symbol | separates alternatives.
- CICSPlex SM command parameters must be entered in the order shown, and must be separated from the command and each other by one or more blank spaces.

Some of the CICSPlex SM views are displayed only when you hyperlink to them from another view; you cannot display them by entering a CICSPlex SM view command. The descriptions of such views in this reference summary include the following text:

Hyperlink from (view name) only.

Syntax notation used for API comands in this book

In this book, the CICSPlex SM API commands are presented in a standard way.

The EXEC CPSM that precedes the command name in the command-level interface is not shown, nor is the end-of-command delimiter. Likewise, the ADDRESS CPSM or var=EYUAPI() that is required for the REXX run-time interface is not shown.

You interpret the syntax diagrams shown in this book by following the arrows from left to right. The conventions are:
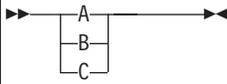
Symbol	Meaning
	A set of mutually exclusive alternatives, one of which you *must* code.
	A set of mutually exclusive alternatives, one of which you *may* code.
	A set of alternatives, any number of which you may code.
	Alternatives where A is the default.
 Name: 	See the separate syntax fragment whose name is shown.
Punctuation and uppercase characters	Code exactly as shown.
Lowercase italics	Code your own text, as appropriate (for example, *name*).
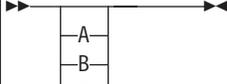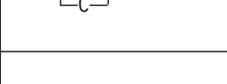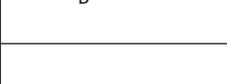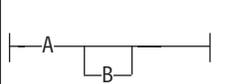
For example, with CONNECT VERSION(*data-value*) you must code CONNECT VERSION
and () as they appear, but are free to code any four-character number that
represents a valid release of CICSPlex SM.

Summary of changes

This book is based on the CICSPlex SM for CICS Transaction Server for z/OS, Version 2 Release 2 edition.

Changes for CICS Transaction Server for z/OS, Version 2 Release 3

New operations views are added for CICS Transaction Server for z/OS, Version 2 Release 3:

- BRFACIL
- BRFACILD
- BRFACILS

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

New operations views are added for CICS Transaction Server for z/OS, Version 2 Release 2:

- EJCOSE4
- JVMPOOL
- JVMPOOLD
- JVMPOOLS
- TCPIPGBL
- TCPIPGBD
- TCPIPGBS

There has been a change in CICSPlex SM field naming conventions in this release. Data set name fields such as DSNAME, file name fields such as LOCFILE and REMFILE and transient data queue name fields such as EXTRATDQ and INTRATDQ are now case-sensitive. When entering data set and file names into the CICSPlex SM interfaces (EUI, API and WUI), ensure that you enter the data in the correct case. In previous releases of CICSPlex SM, the data set names and file names are automatically converted to upper case.

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

New operations view commands are added to support enterprise beans in CICS Transaction Server for z/OS Version 2 Release 1.

Two new chapters are added to include the CICSPlex SM API commands and the CICSPlex SM REXX functions and coomands

Chapter 1. The CICSPlex SM API commands

This chapter contains the syntax of the CICSPlex SM API commands. It is intended for reference only. For full details see the *CICSPlex System Manager Application Programming Reference*.

1

ADDRESS

Provide access to CICSPlex SM storage areas.

```
►►──ADDRESS──────────────────────────────────────────────THREAD(cpsm-token)──────────►
               └─ECB(ptr-ref)─┘  └─SENTINEL(ptr-ref)─┘

►──RESPONSE(data-ref)──REASON(data-ref)──────────────────────────────────────────►◄
```
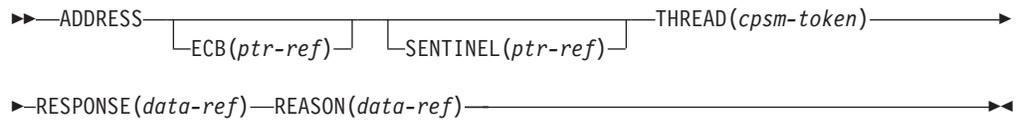
CANCEL

Cancel the notification request produced by a previous LISTEN command.

►►──CANCEL──NOTIFICATION(*cpsm-token*)──THREAD(*cpsm-token*)──RESPONSE(*data-ref*)──────►

►──REASON(*data-ref*)──►◄

CONNECT

Establishes a connection with CICSPlex SM, defines an API processing thread, and provides default settings to be used by the thread.

```
►►──CONNECT──VERSION(data-value)────────────────────────────────►

 ►─┬────────────────────────────────────────┬───────────────────►
   └─USER(data-value)─┬──────────────────────┬─┘
                      └─SIGNONPARM(data-value)─┘

 ►─┬──────────────────────────────────┬──THREAD(data-ref)────────►
   └─CONTEXT(data-value)─┬──────────────┬─┘
                         └─SCOPE(data-value)─┘

 ►──RESPONSE(data-ref)──REASON(data-ref)─────────────────────────►◄
```
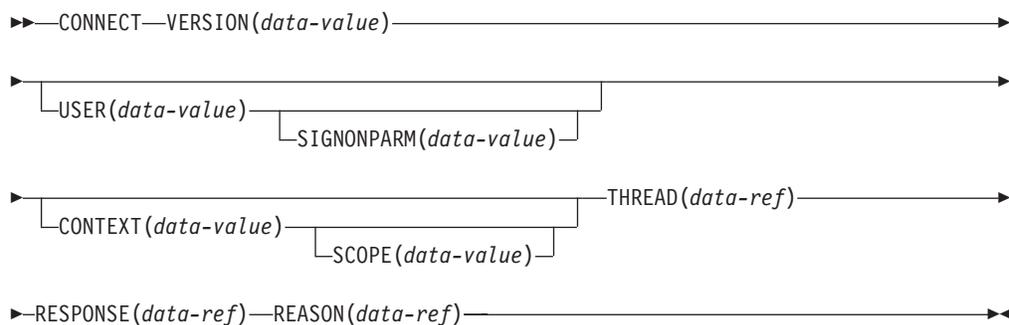
COPY

Copy resource table records.

```
>>--COPY--FROM(cpsm-token)--TO(cpsm-token)--+--ALL-----------------+-->
                                            |--CURRENT-------------|
                                            |--FILTER(cpsm-token)--|
                                            |--MARKED--------------|
                                            |--NOTFILTER(cpsm-token)--|
                                            +--NOTMARKED-----------+

              +--REPLACE--+
  >--+----------------+--+--ADD-----+--THREAD(cpsm-token)--RESPONSE(data-ref)-->
     +-COUNT(data-ref)-+  +--UPDATE--+

  >--REASON(data-ref)----------------------------------------------------><
```
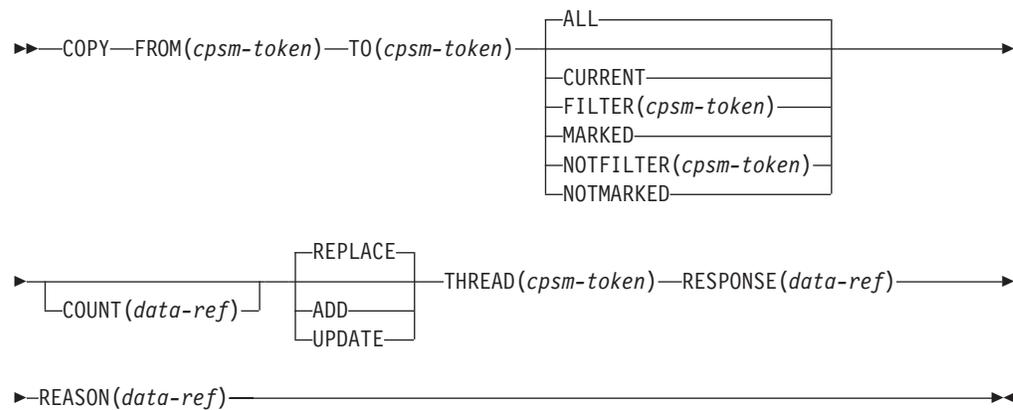
CREATE

Create a new CICSPlex SM or CICS definition.

```
►►──CREATE──OBJECT(data-value)──FROM(data-area)──LENGTH(data-value)──────────►

  ►─┬──────────────────────────────────────────┬─┬──────────────────────┬─►
    └─PARM(data-area)──PARMLEN(data-value)──────┘ └─CONTEXT(data-value)──┘

  ►─THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)─────────────────►◄
```

DELETE

Delete resource table records.

```
►►─DELETE─┬─────CURRENT──────┬─────────────────────RESULT(cpsm-token)──────►
          ├─ALL──────────────┤  ┌──────────────┐
          ├─FILTER(cpsm-token)─┤  └─COUNT(data-ref)─┘
          ├─MARKED───────────┤
          ├─NOTFILTER(cpsm-token)─┤
          └─NOTMARKED────────┘

►─THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)───────────────────►◄
```
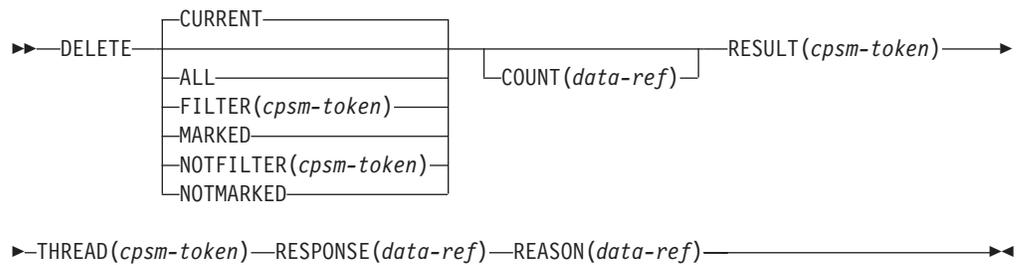
DISCARD

Discard a result set, filter, or view.

```
►►──DISCARD──┬─FILTER(cpsm-token)──┬──THREAD(cpsm-token)──RESPONSE(data-ref)──────►
             ├─RESULT(cpsm-token)──┤
             └─VIEW(data-value)────┘

►──REASON(data-ref)──────────────────────────────────────────────────►◄
```
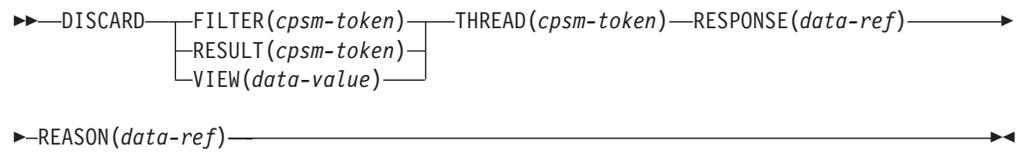
DISCONNECT

Disconnects an API processing thread from CICSPlex SM

►►──DISCONNECT──THREAD(*cpsm-token*)──RESPONSE(*data-ref*)──REASON(*data-ref*)────────►◄

FEEDBACK

Retrieve diagnostic data.

```
►►──FEEDBACK──INTO(data-area)──LENGTH(data-ref)──────────────────────►

  ►────────────────────────────────────────────THREAD(cpsm-token)────►
       └─RESULT(cpsm-token)──┬─NEXT──┬──────────────────┘
                             └─FIRST─┘  └─COUNT(data-ref)─┘

  ►──RESPONSE(data-ref)──REASON(data-ref)──────────────────────────►◄
```
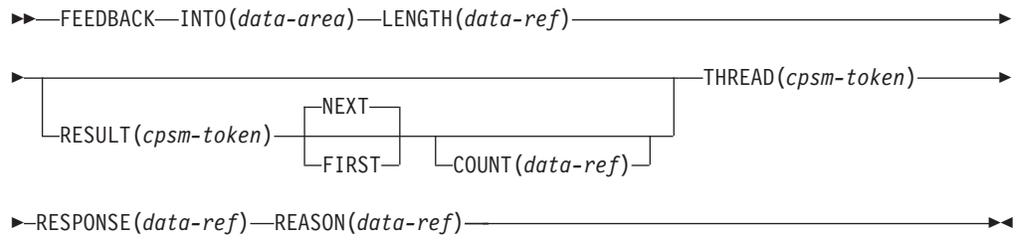
FETCH

Retrieve data and status information for resource table records.

```
►►──FETCH──INTO(data-area)──LENGTH(data-ref)──────────────────────────────────►

   ►──┬─────────────────────────────┬──┬────────────────────────┬──────────────►
      │  ┌─FILTER(cpsm-token)────┐   │  └─CICSNAME(data-value)─┘
      ├──┤                       ├───┤
      │  └─NOTFILTER(cpsm-token)─┘   │
      ├─ALL────────────────────────────────────────────────────┤
      ├─MARKED─────────────────────────────────────────────────┤
      └─NOTMARKED──────────────────────────────────────────────┘

                                                  ┌─DATA───┐
   ►──┬───────────────────────┬──┬─────────────────┬──────────┬────────────────►
      └─POSITION(data-value)─┘  └─COUNT(data-ref)─┘ ├─BOTH───┤
                                                    └─STATUS─┘

                                 ┌─FORWARD──┐
   ►──┬────────────────────────┬──┬─────────┬──RESULT(cpsm-token)───────────────►
      └─DETAIL─┬──────────────┬┘  └─BACKWARD─┘
              └─APPLYSUMMARY─┘

   ►──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)──────────────►◄
```
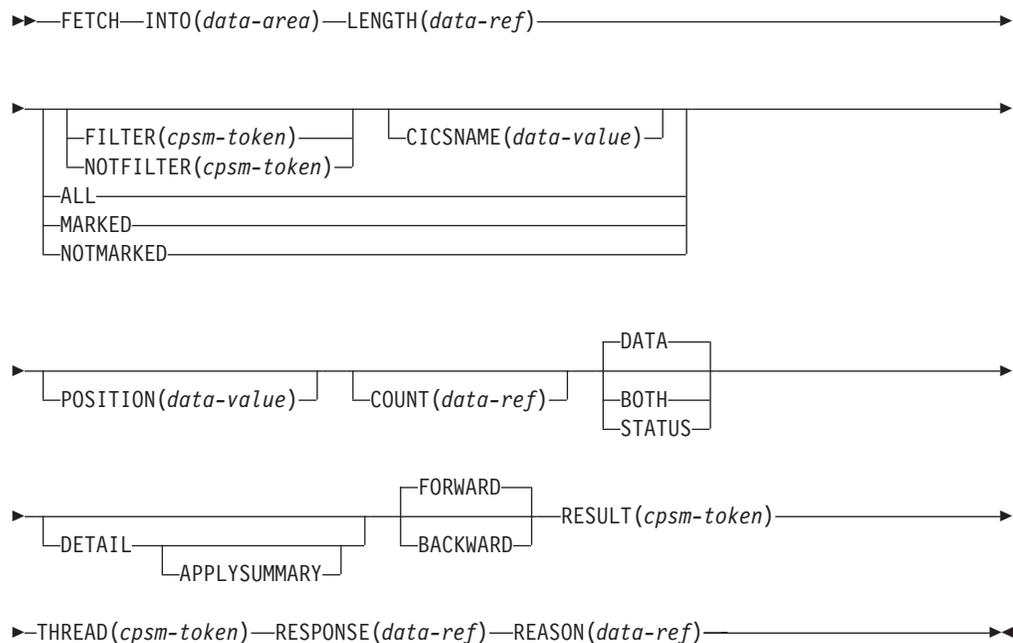
GET

Return a result set containing selected resource table records.

```
►►──GET──OBJECT(data-value)──────────────────────────────────────────►
                           └─COUNT(data-ref)─┘

►──────┬──────────────────────────────────────────┬──────────────────►
       ├─CRITERIA(data-area)──LENGTH(data-value)──┤
       └─FILTER(cpsm-token)───────────────────────┘

►────┬─────────────────────────────────────┬──┬─NOWAIT───────────────────┬──►
     └─PARM(data-area)──PARMLEN(data-value)─┘  └─────────────────────────┘
                                                  └─TOKEN(data-value)─┘

►────┬──────────────────────┬──┬─────────────────┬──RESULT(cpsm-token)──────►
     └─CONTEXT(data-value)──┘  └─SCOPE(data-value)─┘

►──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)─────────────►◄
```
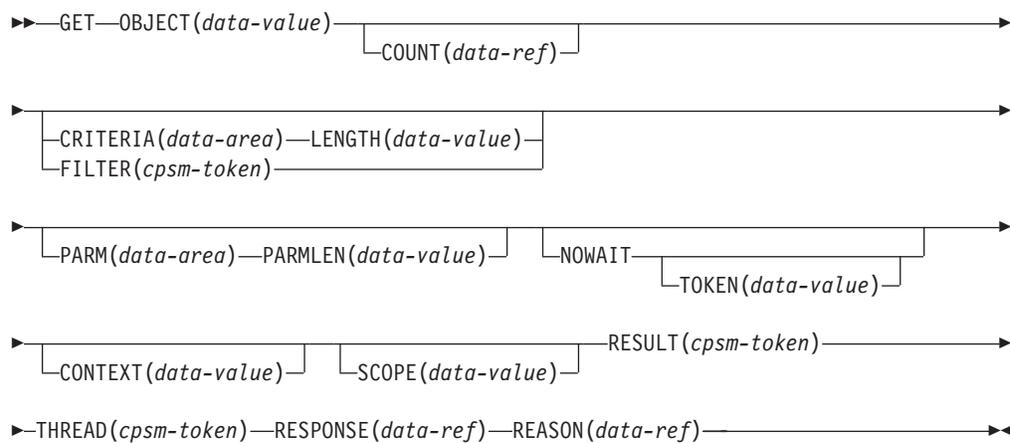
GETDEF

Return a result set containing selected descriptive records for a resource table.

```
►►──GETDEF──OBJECT(data-value)──────────────────────────────────────────────►
                              └─ATTRIBUTE(data-value)─┘

                                              ┌─REPLACE─┐
►──RESOURCE(data-value)────────────────────────┼─────────┼──RESULT(cpsm-token)──►
                       └─COUNT(data-ref)─┘    └─ADD─────┘

►──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)──────────────────►◄
```
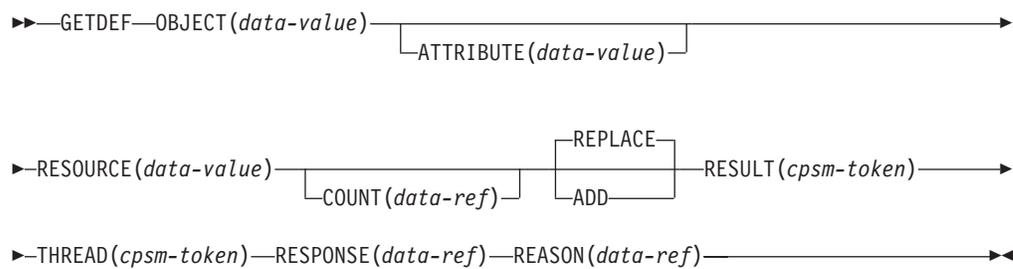
GROUP

Return a summarized result set.

►►──GROUP──BY(*data-value*)──FROM(*cpsm-token*)──TO(*cpsm-token*)───────────────►

```
          ┌─ALL───────────────┐
►─────────┼────────────────────┼──────────────────────────────────────►
          ├─FILTER(cpsm-token)─┤   ┌─COUNT(data-ref)─┐
          ├─MARKED─────────────┤
          ├─NOTFILTER(cpsm-token)─┤
          └─NOTMARKED──────────┘
```

```
►──┬──────────────────────────────────────────┬──THREAD(cpsm-token)───────►
   └─SUMOPT(data-area)──LENGTH(data-value)──┘
```

►──RESPONSE(*data-ref*)──REASON(*data-ref*)─────────────────────────────►◄

LISTEN

Request a notification be sent to the processing thread.

```
►►──LISTEN──EVENT(data-value)──NOTIFICATION(data-ref)──────────────────────►

 ►──┬────────────────────────┬──┬──────────────────────┬──┬────────────────────────┬──►
    ├─FILTER(cpsm-token)──────┤  └─TOKEN(data-value)────┘  └─CONTEXT(data-value)────┘
    └─NOTFILTER(cpsm-token)───┘

 ►──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)────────────────►◄
```
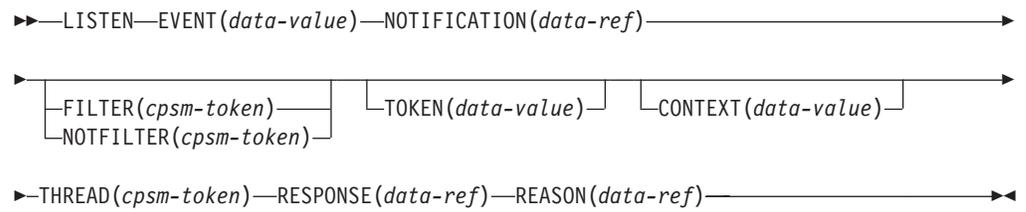
LOCATE

Position the record pointer within a result set.

```
►►──LOCATE──┤ pointer_group ├──RESULT(cpsm-token)──THREAD(cpsm-token)─────────────►

►──RESPONSE(data-ref)──REASON(data-ref)──────────────────────────────►◄
```
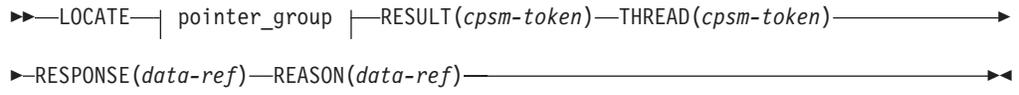
pointer_group

```
├──┬──┤ POSITION_group ├──┬─────────────────────────────────────────┤
   └──┤ FILTER_group   ├──┘
```

POSITION_group

```
        ┌──TOP──────────┐
├───────┼──BOTTOM────────┼───────────────────────────────────────────┤
        ├──POSITION(data-value)──┤
        ├──FORWARD(data-value)───┤
        └──BACKWARD(data-value)──┘
```

FILTER_group

```
   ┌──FILTER(cpsm-token)─────┐  ┌──FIRST──┐
├──┼──MARKED──────────────────┼──┼──LAST───┼──────────────────────────┤
   ├──NOTFILTER(cpsm-token)──┤  ├──NEXT───┤
   └──NOTMARKED──────────────┘  └──PREV───┘
```
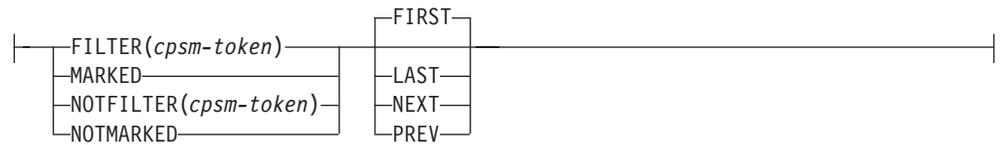
MARK

Mark selected resource table records in a result set.

```
►►──MARK──┤ records_group ├──────────────────────────────────────────►
                              └─COUNT(data-ref)─┘
```

```
►──────────────────────────────────────────RESULT(cpsm-token)───────►
   └─INTO(data-area)──LENGTH(data-ref)─┘  └─RESET─┘
```

```
►──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)──────────►◄
```

records_group

```
         ┌─CURRENT───────────────┐
├────────┼───────────────────────┼───────────────────────────────────┤
         ├─ALL───────────────────┤
         ├─FILTER(cpsm-token)─────┤
         ├─NOTFILTER(cpsm-token)──┤
         ├─POSITION(data-value)───┤
         └─PARM(data-area)──PARMLEN(data-value)─┘
```
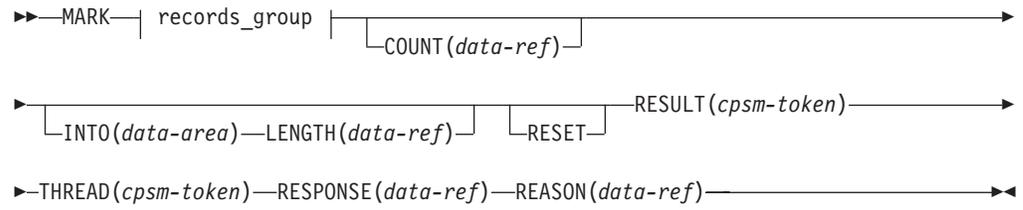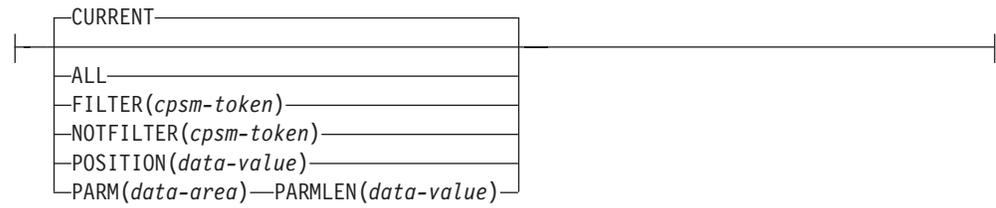
ORDER

Sort the resource table records in a result set.

►►──ORDER──BY(*data-area*)──LENGTH(*data-value*)──RESULT(*cpsm-token*)───────────►

►──THREAD(*cpsm-token*)──RESPONSE(*data-ref*)──REASON(*data-ref*)────────────►◄

PERFORM OBJECT

Perform an action on one or more resources.

```
►►──PERFORM──OBJECT(data-value)──ACTION(data-value)─────────────────────────►
                                                   └─COUNT(data-ref)─┘

►──┬──────────────────────────────────────────┬──┬───────────┐──────────────►
   ├─CRITERIA(data-area)──LENGTH(data-value)─┤  └─NOREFRESH─┘
   └─FILTER(cpsm-token)─────────────────────┘

►──┬─────────────────────────────┬──┬──────────────────────────────────────┬─►
   └─NOWAIT──┬──────────────────┬─┘  └─PARM(data-area)──PARMLEN(data-value)─┘
             └─TOKEN(data-value)─┘

►──┬───────────────────────┬──┬────────────────────┬──RESULT(cpsm-token)────►
   └─CONTEXT(data-value)─┘  └─SCOPE(data-value)─┘

►──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)──────────────────►◄
```
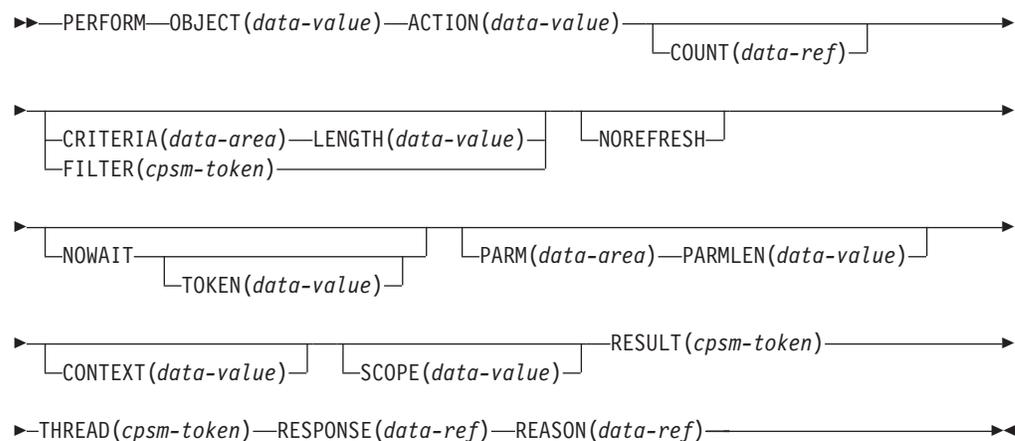
PERFORM SET

Performs an action on one or more resources.

```
►►──PERFORM──SET──ACTION(data-value)──┬──────ALL──────┬──┬────────────┬──►
                                      ├──CURRENT───────┤  └─NOREFRESH──┘
                                      ├──FILTER(cpsm-token)─┤
                                      ├──MARKED────────┤
                                      ├──NOTFILTER(cpsm-token)─┤
                                      ├──NOTMARKED─────┤
                                      └──POSITION(data-value)──┘

►──┬──────────────────────────┬──┬──────────────────────────────────────┬──►
   └─NOWAIT─┬────────────────┬─┘  └─PARM(data-area)──PARMLEN(data-value)─┘
            └─TOKEN(data-value)─┘

►──RESULT(cpsm-token)──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)──►◄
```
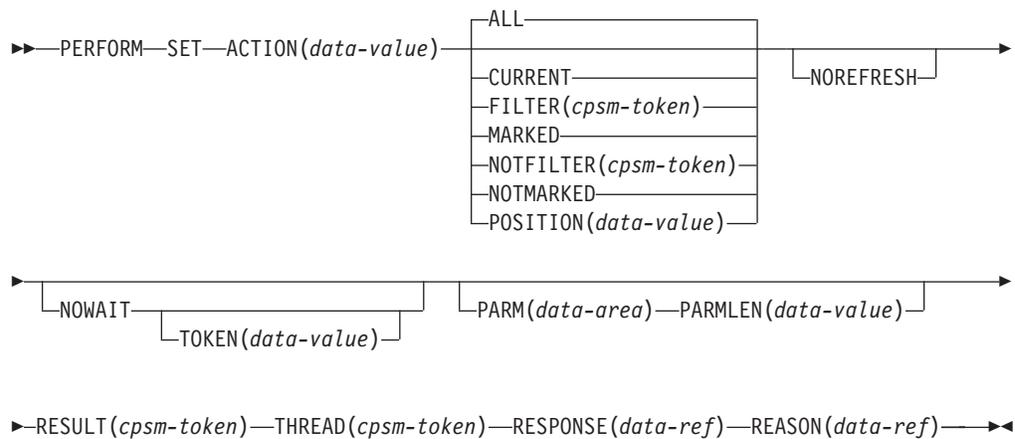
QUALIFY

Define the CICSPlex SM context and scope.

```
►►──QUALIFY──CONTEXT(data-value)──┬──────────────────┬──THREAD(cpsm-token)──────►
                                  └─SCOPE(data-value)─┘

►─RESPONSE(data-ref)──REASON(data-ref)─────────────────────────────────────────►◄
```
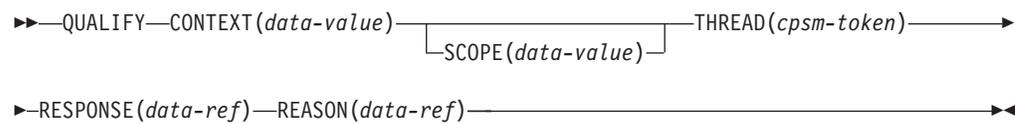
QUERY

Retrieve information about a result set and the resource table records it contains.

```
►►──QUERY──RESULT(cpsm-token)──────────────────────────────────────►
                            └─COUNT(data-ref)─┘  └─DATALENGTH(data-ref)─┘

►──────────────────────────────────────────────────────────────────►
    └─OBJECT(data-ref)─┘  └─TYPE(data-ref)─┘  └─CONTEXT(data-ref)─┘

►──THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)─────────►◄
```
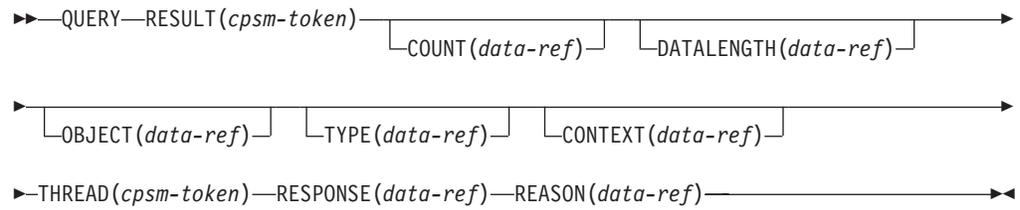
RECEIVE

Receive the output from completed asynchronous requests.

```
►►──RECEIVE──INTO(data-area)──LENGTH(data-ref)──OBJECT(data-ref)────────────────►

                          ┌──WAIT──┐
►──────────────────────┬──────────────────┬──THREAD(cpsm-token)──────────────►
      └─TOKEN(data-ref)─┘  ├─DELAY(data-value)─┤
                           └─IMMEDIATE─────────┘

►──RESPONSE(data-ref)──REASON(data-ref)────────────────────────────────────►◄
```
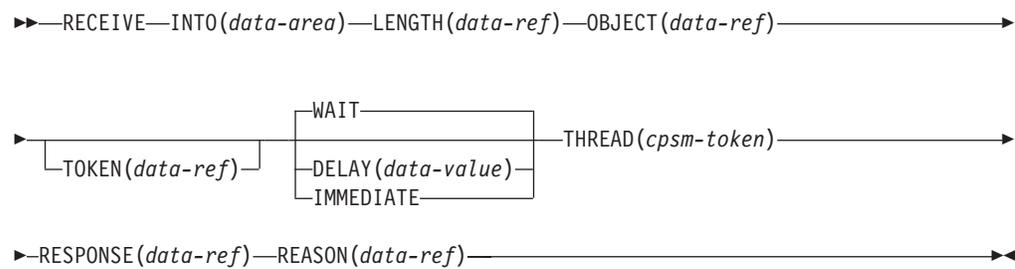
REFRESH

Refreshes the data for resource table records.

```
►►──REFRESH─────┬───────────────────────────┬──────┬─────────────────────────┬──────────►
                ├─ALL──────────────────────┤      └─COUNT(data-value)─┬─FORWARD──┬─┘
                ├─CURRENT──────────────────┤                          └─BACKWARD─┘
                ├─FILTER(cpsm-token)────────┤
                ├─MARKED────────────────────┤
                ├─NOTFILTER(cpsm-token)─────┤
                └─NOTMARKED─────────────────┘


►──┬──────────────────────────────┬──RESULT(cpsm-token)──THREAD(cpsm-token)──────────►
   └─NOWAIT──┬──────────────────┬─┘
             └─TOKEN(data-value)─┘


►──RESPONSE(data-ref)──REASON(data-ref)──────────────────────────────────────────────►◄
```
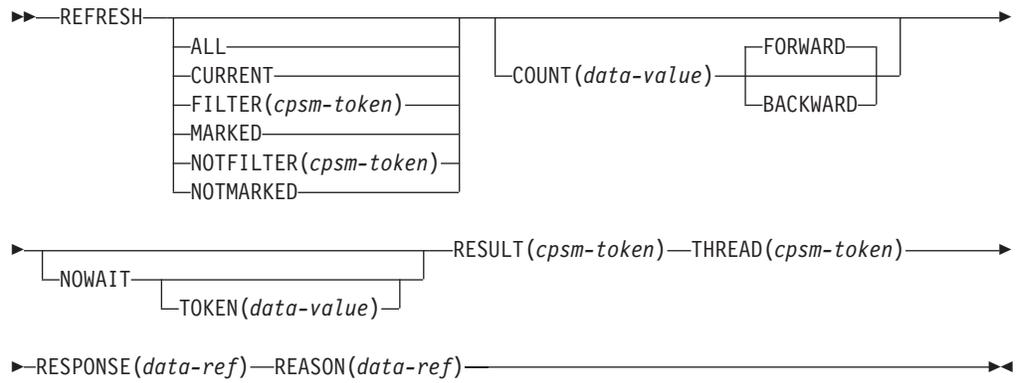
REMOVE

Remove a CICSPlex SM or CICS definition from the data repository.

```
►►──REMOVE──OBJECT(data-value)──FROM(data-area)──LENGTH(data-value)───────────►

  ►─┬──────────────────────────────────────────┬─┬────────────────────┬──────►
    └─PARM(data-area)──PARMLEN(data-value)──────┘ └─CONTEXT(data-value)─┘

  ►─THREAD(cpsm-token)──RESPONSE(data-ref)──REASON(data-ref)───────────────►◄
```

SET

Modify the attributes of one or more resources.

```
►►──SET──MODIFY(data-area)──LENGTH(data-value)─────────────────────────────────►
                                               ├─ALL─────────────────┤
                                               ├─CURRENT─────────────┤
                                               ├─FILTER(cpsm-token)──┤
                                               ├─MARKED──────────────┤
                                               ├─NOTFILTER(cpsm-token)┤
                                               ├─NOTMARKED───────────┤
                                               └─POSITION(data-value)┘

►────────────────────────────────────────────────────────────────────────────►
      │                    ┌─FORWARD─┐        ┌─NOREFRESH─┐
      └─COUNT(data-value)──┤         ├────────┘
                           └─BACKWARD┘

►──────────────────────────────RESULT(cpsm-token)──THREAD(cpsm-token)──────────►
      │                    │
      └─NOWAIT─────────────┘
              └─TOKEN(data-value)─┘

►──RESPONSE(data-ref)──REASON(data-ref)───────────────────────────────────────►◄
```
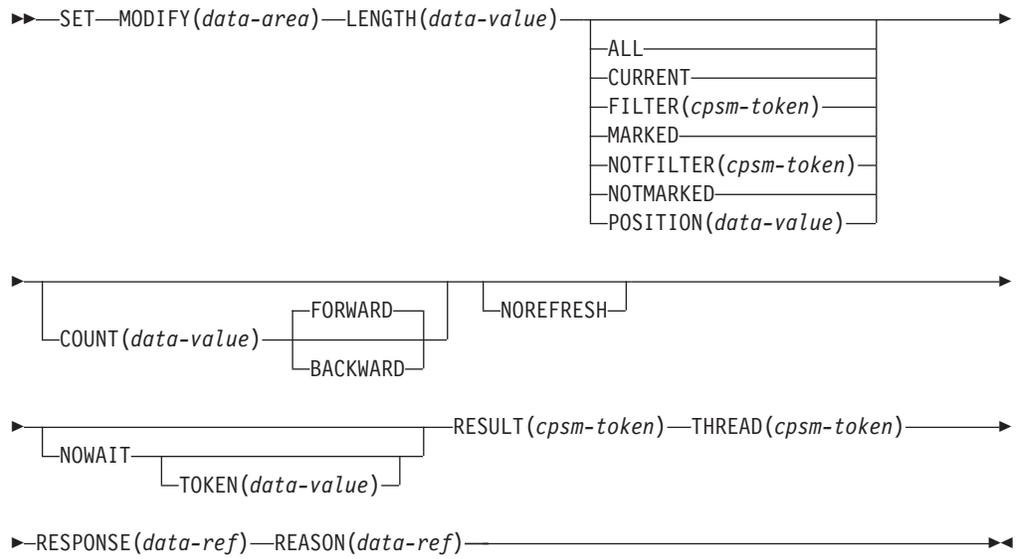
SPECIFY FILTER

Defines an attribute or value filter and assign an identifying token to it.

►►——SPECIFY——FILTER(*data-ref*)——CRITERIA(*data-area*)——LENGTH(*data-value*)————————►

►—OBJECT(*data-value*)——THREAD(*cpsm-token*)——RESPONSE(*data-ref*)——REASON(*data-ref*)——►◄

SPECIFY VIEW

Build a customized view of a given resource table.

►►──SPECIFY──VIEW(*data-value*)──FIELDS(*data-area*)──LENGTH(*data-value*)──────────────►

►──OBJECT(*data-value*)──THREAD(*cpsm-token*)──RESPONSE(*data-ref*)──REASON(*data-ref*)──►◄

TERMINATE

Terminate all API processing on all active threads.

```
►►──TERMINATE──RESPONSE(data-ref)──REASON(data-ref)───────────────────────►◄
```

TRANSLATE

Translate resource table attribute values.

```
►►──TRANSLATE──OBJECT(data-value)──ATTRIBUTE(data-value)─────────────────────►

 ►──┬─FROMCV(data-value)──TOCHAR(data-ref)─┬──THREAD(cpsm-token)──────────────►
    └─FROMCHAR(data-value)──TOCV(data-ref)─┘

 ►──RESPONSE(data-ref)──REASON(data-ref)─────────────────────────────────────►◄
```
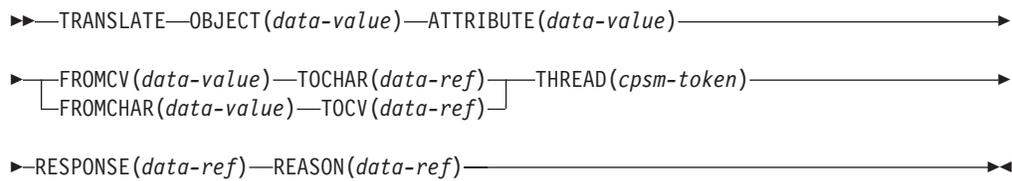
UNMARK

Remove the marks placed on resource table records.

```
►►─UNMARK─┤ records_group ├─────────────────────────────────────────►
                          └─COUNT(data-ref)─┘

►─────────────────────────────────────RESULT(cpsm-token)────────────►
   └─INTO(data-area)─LENGTH(data-ref)─┘

►─THREAD(cpsm-token)─RESPONSE(data-ref)─REASON(data-ref)───────────►◄
```

records_group
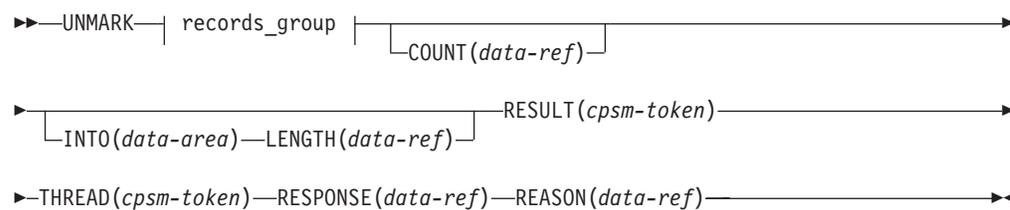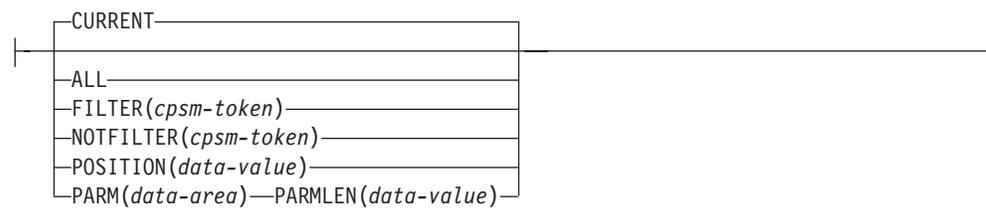
```
        ┌─CURRENT─────────────────┐
├───────┼─────────────────────────┼───────────────────────────────────┤
        ├─ALL─────────────────────┤
        ├─FILTER(cpsm-token)───────┤
        ├─NOTFILTER(cpsm-token)────┤
        ├─POSITION(data-value)─────┤
        └─PARM(data-area)─PARMLEN(data-value)─┘
```

UPDATE

Update an existing CICSPlex SM or CICS definition.

```
►►──UPDATE──OBJECT(data-value)──────────────────────────────────────►

  ►──┬─FROM(data-area)─────────────────────────────────┬──────────────►
     │                  └─PARM(data-area)──PARMLEN(data-value)─┘       │
     └─RESULT(cpsm-token)──MODIFY(data-area)───────────┘

  ►──LENGTH(data-value)──┬──────────────────────┬──THREAD(cpsm-token)───►
                         └─CONTEXT(data-value)──┘

  ►──RESPONSE(data-ref)──REASON(data-ref)──────────────────────────────►◄
```
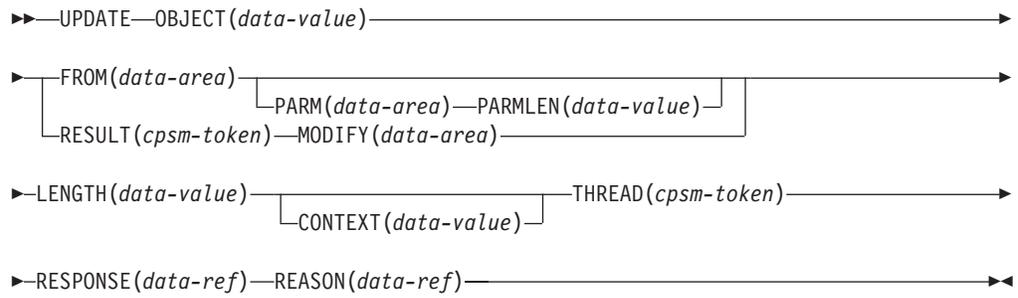
Chapter 2. REXX functions and commands

This chapter contains the REXX functions and commands supplied with
CICSPlex SM. These functions and commands can be used only with the REXX
run-time interface.

REXX functions

EYUAPI()

Passes an API command to CICSPlex SM.

```
var = EYUAPI(command string)

    OR

var = EYUAPI('command string')
```

EYUINIT()

Initialize the CICSPlex SM API environment and allocate the necessary resources.

```
var = EYUINIT()
```

EYUREAS()

Translate the numeric value returned by the REASON option of an API command.

```
var = EYUREAS(reason)
```

EYURESP()

Translate the numeric value returned by the RESPONSE option of an API command.

```
var = EYURESP(response)
```

EYUTERM()

Terminate the CICSPlex SM API environment and release any allocated resources.

```
var = EYUTERM()
```

REXX commands

TBUILD

Build a resource table record from a set of variables.

```
►►──TBUILD──OBJECT(data-value)──PREFIX(data-value)──STATUS(data-ref)─────────────►

►─VAR(data-area)─────────────THREAD(cpsm-token)────────────────────────────────►◄
                 └─ASIS─┘
```

TPARSE

Parse a resource table record from a variable into a set of variables.

```
►►──TPARSE──OBJECT(data-value)──PREFIX(data-value)──STATUS(data-ref)──────────►

►─VAR(data-area)─────────────THREAD(cpsm-token)─────────────────────────►◄
                     └─ASIS─┘
```
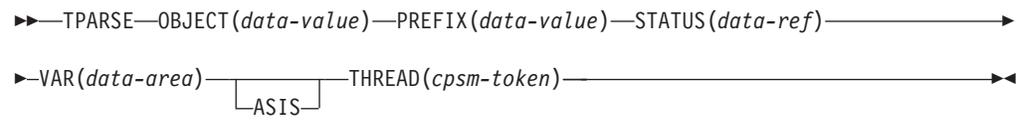
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Designing and Programming CICS Applications	SR23-9692
CICS Application Migration Aid Guide	SC33-0768
CICS Family: API Structure	SC33-1007
CICS Family: Client/Server Programming	SC33-1435
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- using a 3270 emulator connected to CICSPlex SM
- using a 3270 emulator logged on to CICS
- using a 3270 emulator logged on to TSO
- using a 3270 emulator as an MVS™ system console
- using the CICSPlex SM web user interface.

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