

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



# CICS User's Handbook

*Release 3*



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



# CICS User's Handbook

*Release 3*

**Note!**

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

**Third edition (June 1999)**

This edition applies to Release 3 of CICS Transaction Server for OS/390, program number 5655-147, 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.

This edition replaces and makes obsolete the previous edition, SX33-6104-33. The technical changes for this edition are summarized under "Summary of changes" and are indicated by a vertical bar to the left of a change.

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## Programming interface information

This book is intended to help you refer quickly to CICS system administration and operating information.

This book also documents General-use Programming Interface and Associated Guidance Information, Product-sensitive Programming Interface and Associated Guidance Information, and Diagnosis, Modification or Tuning Information provided by CICS.

General-use programming interfaces allow the customer to write programs that obtain the services of CICS.

General-use Programming Interface and Associated Guidance Information is identified where it occurs, by an introductory statement to a chapter or section.

Product-sensitive programming interfaces allow the customer installation to perform tasks such as diagnosing, modifying, monitoring, repairing, tailoring, or tuning of CICS. Use of such interfaces creates dependencies on the detailed design or implementation of the IBM software product. Product-sensitive programming interfaces should be used only for these specialized purposes. Because of their dependencies on detailed design and implementation, it is to be expected that programs written to such interfaces may need to be changed in order to run with new product releases or versions, or as a result of service.

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## Preface

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### What this handbook is about

This book helps you refer quickly to topics you are already familiar with. It provides a summary of information contained elsewhere in the CICS library.

### Who this handbook is for

This book is for:

- System programmers
- CICS or system operators
- Application programmers.

### What you need to know to understand this handbook

You need to have a good understanding of how CICS works. This assumes familiarity with most, if not all, of the books in the CICS library, together with adequate practical experience of running a CICS system.

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## Handbook structure

### **“Chapter 1. Command-level application programming” on page 1**

Gives a summary of command-level application programming commands in CICS Transaction Server for OS/390. For programming information, see the *CICS Application Programming Reference*.

### **“Chapter 2. SPI command syntax” on page 69**

Gives a summary of command-level system programming commands. For programming information, see the *CICS System Programming Reference* manual.

### **“Chapter 3. CICS-Supplied Transaction” on page 151**

Gives a summary of the CICS-supplied transactions. For more detailed information, see the *CICS Supplied Transactions*.

### **“Chapter 4. Resource definition online” on page 189**

Gives a summary of the syntax for resource definition online. For more detailed information, see the *CICS Resource Definition Guide*.

### **“Chapter 6. Front End Programming Interface command reference” on page 203**

Gives a summary of the syntax for front end programming interface command references. For more detailed information, see the *CICS Front End Programming Interface User's Guide*.

### **“CVDAs and numeric values in alphabetic sequence” on page 219**

Gives a table of CVDA values. For programming information, see the *CICS System Programming Reference* manual.

**“Chapter 8. EXEC interface block (EIB)” on page 249**

Gives information about EIB fields, and gives the meanings of EIBFN, EIBRCODE, RESP, and RESP2 values. For programming information, see the *CICS Application Programming Reference*.

**“Chapter 10. EXEC interface block (EIB) response and function codes” on page 359**

Gives information about EIB response and function codes. For more detailed information, see the *CICS System Programming Reference* and the *CICS Problem Determination Guide*.

**“Chapter 11. DFH messages” on page 369**

Gives a summary of the terminal error messages and codes. For more detailed information, see the *CICS Messages and Codes*.

**“Chapter 12. Transaction abend codes” on page 379**

Gives a summary of CICS transaction abend codes. For more detailed information, see the *CICS Messages and Codes*.

**“Chapter 15. VTAM-associated errors” on page 413**

Gives a summary of VTAM errors and associated CICS messages. For more detailed information, see the *CICS Messages and Codes*.

**“Chapter 17. VTAM submodule identifiers” on page 423**

Gives information about the product-sensitive product interface.

**“Chapter 18. AP domain storage classes” on page 427**

Shows the valid AP domain storage classes.

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## Bibliography

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### CICS Transaction Server for OS/390

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

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

#### General

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

#### Administration

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

#### Programming

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

#### Diagnosis

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

#### Communication

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

#### Special topics

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

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

### General

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

### Administration and Management

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

### Programming

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

### Diagnosis

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

## Other CICS books

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

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

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## Determining if a publication is current

IBM regularly updates its publications with new and changed information. When first published, both hardcopy and BookManager softcopy versions of a publication are usually in step. However, due to the time required to print and distribute hardcopy books, the BookManager version is more likely to have had last-minute changes made to it before publication.

Subsequent updates will probably be available in softcopy before they are available in hardcopy. This means that at any time from the availability of a release, softcopy versions should be regarded as the most up-to-date.

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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## Summary of changes

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### Changes made for CICS Transaction Server for OS/390 Release 3

Trace entries have been moved to the Trace Entries manual SC34-5446-02.

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### Changes made for CICS Transaction Server for OS/390 Release 2

This handbook includes information about the new or enhanced facilities introduced by CICS Transaction Server for OS/390 Release 3.

VTAM terminal error codes are now shown in CICS message order.

Tables of CVDA values are now shown in hexadecimal **and** decimal format.

---

### Changes made for CICS/ESA 4.1 edition

The commands for application programming and system programming are shown in alphabetic order.

In the section "CVDAs and numeric values in alphabetic sequence" on page 219, tables of CVDA values have been added.

Syntax boxes for EXEC CICS commands are replaced with "railroad" diagrams. For an explanation of these diagrams, see the *CICS Application Programming Reference* manual.

Trace has been removed from this handbook and has been moved into the *CICS Diagnosis Reference* manual.

Front end programming interface (FEPI) commands have been added.

”

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# Chapter 1. Command-level application programming

This chapter contains General-use Programming Interface information.

---

## General format

The format of a CICS command, which can be coded in a COBOL, C/370, PL/I, or assembler application program, is as follows:

**COBOL:**

```
EXEC CICS function[option[(arg)]]... END-EXEC
```

**C:**

```
EXEC CICS function[option[(arg)]]... ;
```

**PL/I:**

```
EXEC CICS function[option[(arg)]]... ;
```

**Assembler:**

```
EXEC CICS function[option[(arg)]]...
```

## DL/I command format

The format of a DL/I command, which can be coded only in a COBOL, C/370, or PL/I application program, is as follows:

```
EXEC DLI function[option[(arg)]]...
```

For multiple segment commands, options are repeated for each segment.

## RPG II command format

The format of a CICS command in an RPG II application program consists of an EXEC statement, followed optionally by one or more ELEM statements, coded on an RPG calculation specification form (the C-spec).

---

## Restrictions for distributed program link (DPL)

The following commands are not supported in a program running in a resource region in response to a distributed program link command:

*Table 1. Restricted API commands*

ADDRESS ....	ISSUE ....
ALLOCATE	PURGE MESSAGE
ASSIGN ....	RECEIVE ....
CONNECT PROCESS	ROUTE
CONVERSE	SEND ....
EXTRACT PROCESS	SIGNOFF
FREE CONVID	SIGNON
HANDLE AID	WAIT TERMINAL

## API syntax

### API command syntax

#### ABEND

▶▶ ABEND [ABCODE(*name*)] [CANCEL] [NODUMP]

#### ADDRESS

▶▶ ADDRESS [ACEE(*ptr-ref*)] [COMMAREA(*ptr-ref*)] [CWA(*ptr-ref*)] [EIB(*ptr-ref*)]  
[TCTUA(*ptr-ref*)] [TWA(*ptr-ref*)]

#### ADDRESS SET

▶▶ ADDRESS [SET(*data-area*) USING(*ptr-ref*)] [SET(*ptr-ref*) USING(*data-area*)]

#### ALLOCATE (APPC)

▶▶ ALLOCATE [SYSID(*systemname*)] [PARTNER(*name*)] [PROFILE(*name*)] [NOQUEUE] [STATE(*cvda*)]

Conditions: CBIDERR, INVREQ, NETNAMEIDERR, PARTNERIDERR, SYSBUSY, SYSIDERR

#### ALLOCATE (LUTYPE6.1)

▶▶ ALLOCATE [SESSION(*name*)] [SYSID(*systemname*)] [PROFILE(*name*)] [NOQUEUE]

Conditions: CBIDERR, EOC, INVREQ, SESSBUSY, SESSIONERR, SYSBUSY, SYSIDERR

#### ALLOCATE (MRO)

▶▶ ALLOCATE [SYSID(*systemname*)] [NOQUEUE] [STATE(*cvda*)]

Conditions: INVREQ, SYSBUSY, SYSIDERR

#### ASKTIME

▶▶ ASKTIME [ABSTIME(*data-area*)]

## ASSIGN

ASSIGN	
—ABCODE ( <i>data-area</i> )—	—MAPWIDTH ( <i>data-area</i> )—
—ABDUMP ( <i>data-area</i> )—	—MSRCONTROL ( <i>data-area</i> )—
—ABPROGRAM ( <i>data-area</i> )—	—NATLANGINUSE ( <i>data-area</i> )—
—ACTIVITY ( <i>data-area</i> )—	—NETNAME ( <i>data-area</i> )—
—ACTIVITYID ( <i>data-area</i> )—	—NEXTTRANSID ( <i>data-area</i> )—
—ALTSCRNHT ( <i>data-area</i> )—	—NUMTAB ( <i>data-area</i> )—
—ALTSCRNWD ( <i>data-area</i> )—	—OPCLASS ( <i>data-area</i> )—
—APLKYBD ( <i>data-area</i> )—	—OPERKEYS ( <i>data-area</i> )—
—APLTEXT ( <i>data-area</i> )—	—OPID ( <i>data-area</i> )—
—APPLID ( <i>data-area</i> )—	—OPSECURITY ( <i>data-area</i> )—
—ASRAINTRPT ( <i>data-area</i> )—	—ORGABCODE ( <i>data-area</i> )—
—ASRAKEY ( <i>cvda</i> )—	—OUTLINE ( <i>data-area</i> )—
—ASRAPSW ( <i>data-area</i> )—	—PAGENUM ( <i>data-area</i> )—
—ASRAREGS ( <i>data-area</i> )—	—PARTNPAGE ( <i>data-area</i> )—
—ASRASPC ( <i>cvda</i> )—	—PARTNS ( <i>data-area</i> )—
—ASRASTG ( <i>cvda</i> )—	—PARTNSET ( <i>data-area</i> )—
—BRIDGE ( <i>data-area</i> )—	—PRINSYSID ( <i>data-area</i> )—
—BTRANS ( <i>data-area</i> )—	—PROCESS ( <i>data-area</i> )—
—CMDSEC ( <i>data-area</i> )—	—PROCESSTYPE ( <i>data-area</i> )—
—COLOR ( <i>data-area</i> )—	—PROGRAM ( <i>data-area</i> )—
—CWALENG ( <i>data-area</i> )—	—PS ( <i>data-area</i> )—
—DEFSCRNHT ( <i>data-area</i> )—	—QNAME ( <i>data-area</i> )—
—DEFSCRNWD ( <i>data-area</i> )—	—RESSEC ( <i>data-area</i> )—
—DELIMITER ( <i>data-area</i> )—	—RESTART ( <i>data-area</i> )—
—DESTCOUNT ( <i>data-area</i> )—	—RETURNPROG ( <i>data-area</i> )—
—DESTID ( <i>data-area</i> )—	—SCRNHT ( <i>data-area</i> )—
—DESTIDLENG ( <i>data-area</i> )—	—SCRNWD ( <i>data-area</i> )—
—DSSCS ( <i>data-area</i> )—	—SIGDATA ( <i>data-area</i> )—
—DS3270 ( <i>data-area</i> )—	—SOSI ( <i>data-area</i> )—
—EWASUPP ( <i>data-area</i> )—	—STARTCODE ( <i>data-area</i> )—
—EXTDS ( <i>data-area</i> )—	—STATIONID ( <i>data-area</i> )—
—FACILITY ( <i>data-area</i> )—	—SYSID ( <i>data-area</i> )—
—FCI ( <i>data-area</i> )—	—TASKPRIORITY ( <i>data-area</i> )—
—GCHARS ( <i>data-area</i> )—	—TCTUALENG ( <i>data-area</i> )—
—GCODES ( <i>data-area</i> )—	—TELLERID ( <i>data-area</i> )—
—GMMI ( <i>data-area</i> )—	—TERMCODE ( <i>data-area</i> )—
—HIGHLIGHT ( <i>data-area</i> )—	—TERMPRIORITY ( <i>data-area</i> )—
—INITPARM ( <i>data-area</i> )—	—TEXTKYBD ( <i>data-area</i> )—
—INITPARMLEN ( <i>data-area</i> )—	—TEXTPRINT ( <i>data-area</i> )—
—INPARTN ( <i>data-area</i> )—	—TRANPRIORITY ( <i>data-area</i> )—
—INVOKINGPROG ( <i>data-area</i> )—	—TWALENG ( <i>data-area</i> )—
—KATAKANA ( <i>data-area</i> )—	—UNATTEND ( <i>data-area</i> )—
—LANGINUSE ( <i>data-area</i> )—	—USERID ( <i>data-area</i> )—
—LDCMNEM ( <i>data-area</i> )—	—USERNAME ( <i>data-area</i> )—
—LDCNUM ( <i>data-area</i> )—	—USERPRIORITY ( <i>data-area</i> )—
—MAPCOLUMN ( <i>data-area</i> )—	—VALIDATION ( <i>data-area</i> )—
—MAPHEIGHT ( <i>data-area</i> )—	
—MAPLINE ( <i>data-area</i> )—	

Condition: INVREQ

## API syntax

### BIF DEEDIT

▶▶—BIF DEEDIT—FIELD(*data-area*)—┌LENGTH(*data-value*)└

Condition: LENGERR

### BUILD ATTACH (LUTYPE6.1)

▶▶—BUILD ATTACH—ATTACHID(*name*)—┌PROCESS(*name*)└ ┌RESOURCE(*name*)└ ┌RPROCESS(*name*)└

┌RRESOURCE(*name*)└ ┌QUEUE(*name*)└ ┌IUTYPE(*data-value*)└ ┌DATASTR(*data-value*)└

┌RECFM(*data-value*)└

### BUILD ATTACH (MRO)

▶▶—BUILD ATTACH—ATTACHID(*name*)—┌PROCESS(*name*)└ ┌RESOURCE(*name*)└ ┌RPROCESS(*name*)└

┌RRESOURCE(*name*)└ ┌QUEUE(*name*)└ ┌IUTYPE(*data-value*)└ ┌DATASTR(*data-value*)└

┌RECFM(*data-value*)└

### CANCEL

▶▶—CANCEL—┌REQID(*name*)└

┌SYSID(*systemname*)└ ┌TRANSID(*name*)└

Conditions: ISCINVREQ, NOTAUTH, NOTFND, SYSIDERR

### CHANGE PASSWORD

▶▶—CHANGE PASSWORD(*data-value*)—NEWPASSWORD(*data-value*)—USERID(*data-value*)—

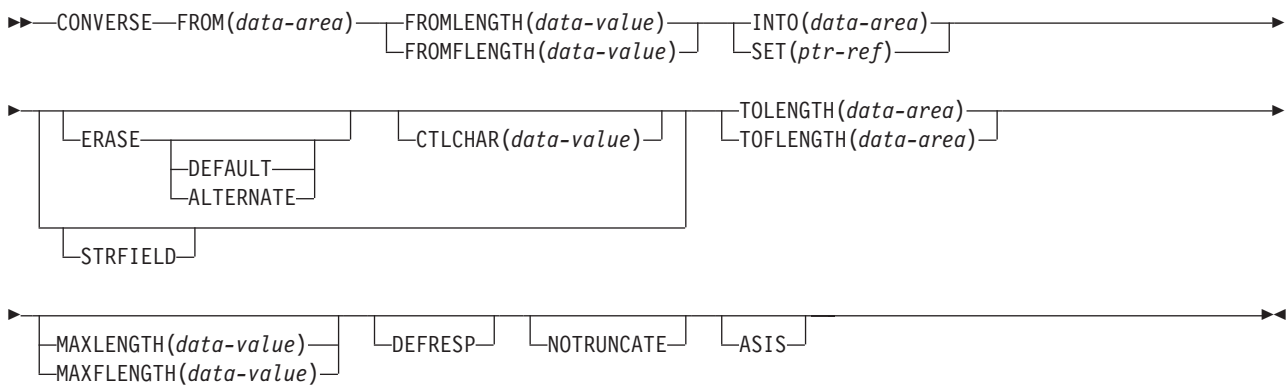
┌ESMREASON(*data-area*)└ ┌ESMRESP(*data-area*)└

Conditions: INVREQ, NOTAUTH, USERIDERR



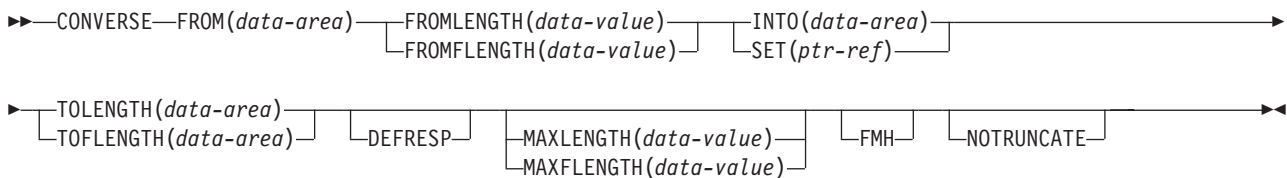
## API syntax

### CONVERSE (LUTYPE2/LUTYPE3)



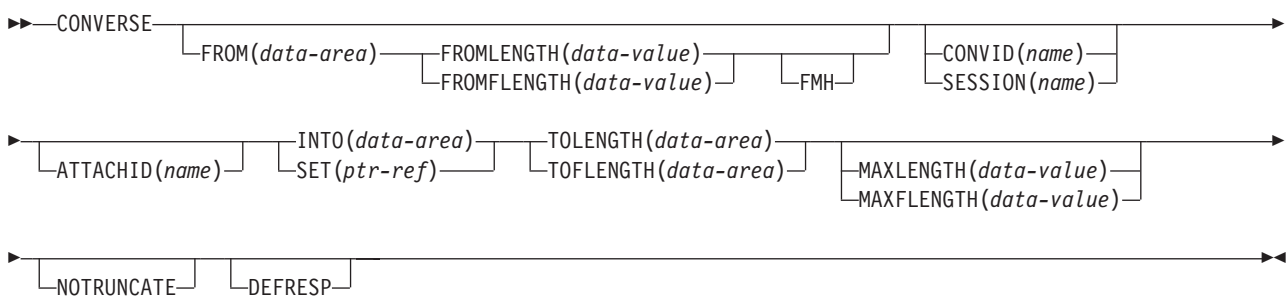
Conditions: EOC, LENGERR, TERMERR

### CONVERSE (LUTYPE4)



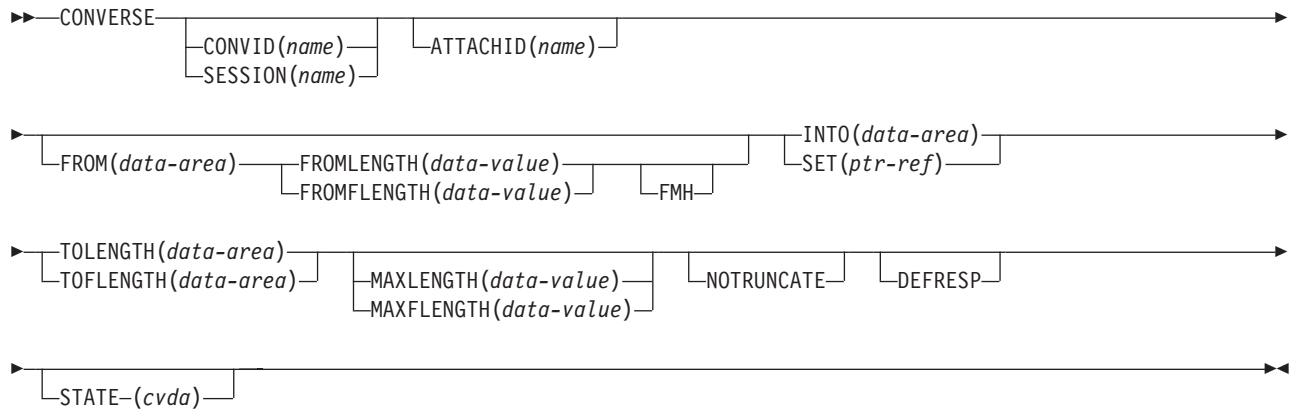
Conditions: EOC, EODS, IGRQCD, INBFMH, LENGERR, SIGNAL, TERMERR

### CONVERSE (LUTYPE6.1)

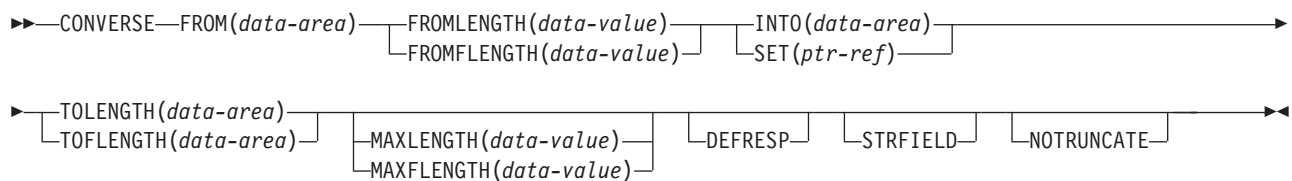


Conditions: CBIDERR, EOC, INBFMH, LENGERR, NOTALLOC, SIGNAL, TERMERR

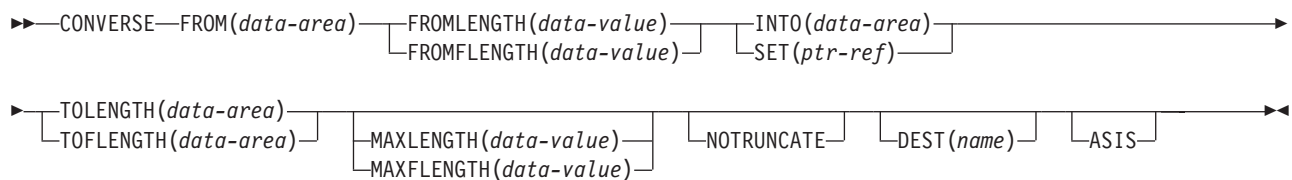


**CONVERSE (MRO)**

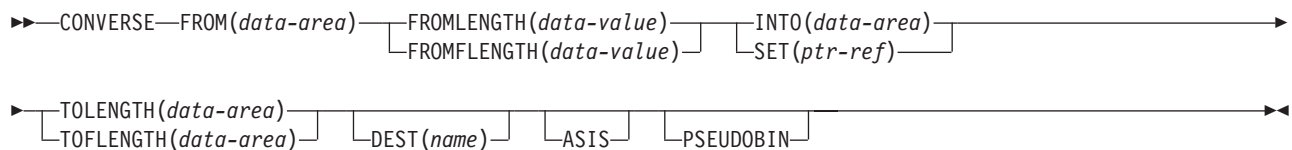
Conditions: CBIDERR, EOC, INBFMH, LENGERR, NOTALLOC, TERMERR

**CONVERSE (SCS)**

Conditions: LENGERR, TERMERR

**CONVERSE (System/3)**

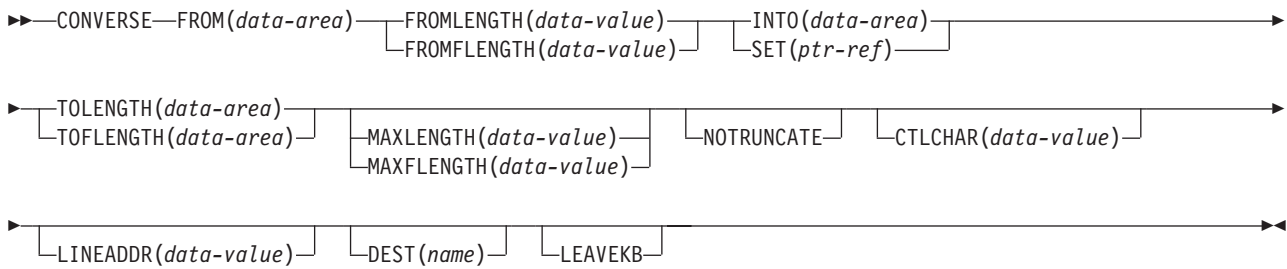
Conditions: LENGERR

**CONVERSE (System/7)**

Condition: LENGERR

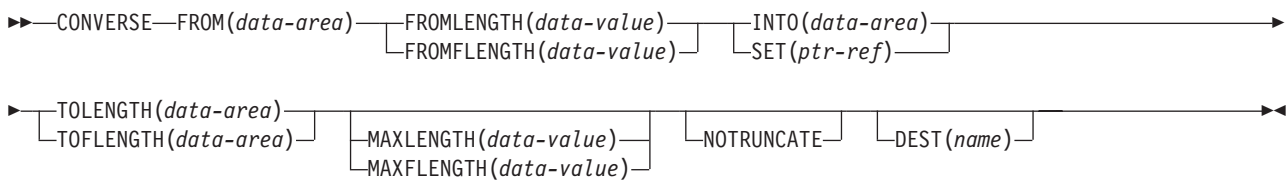
## API syntax

### CONVERSE (2260)



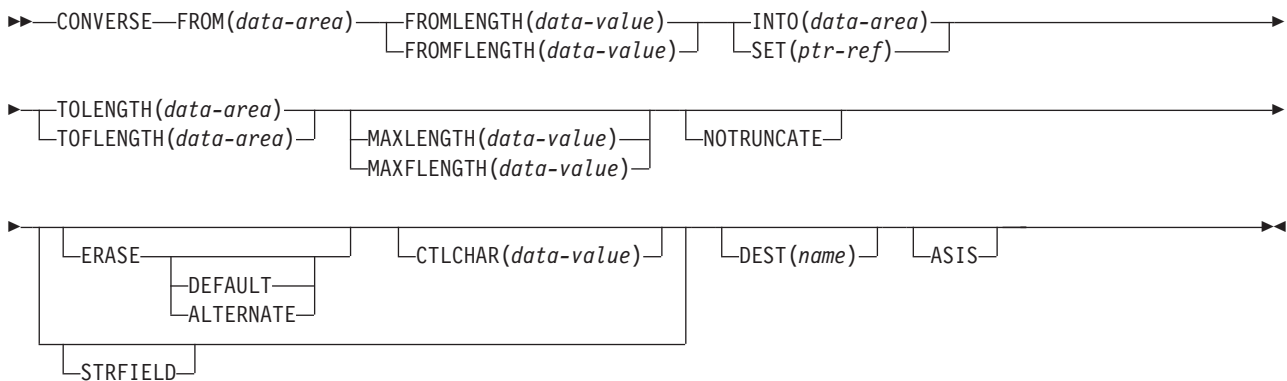
Condition: LENGERR

### CONVERSE (2741)



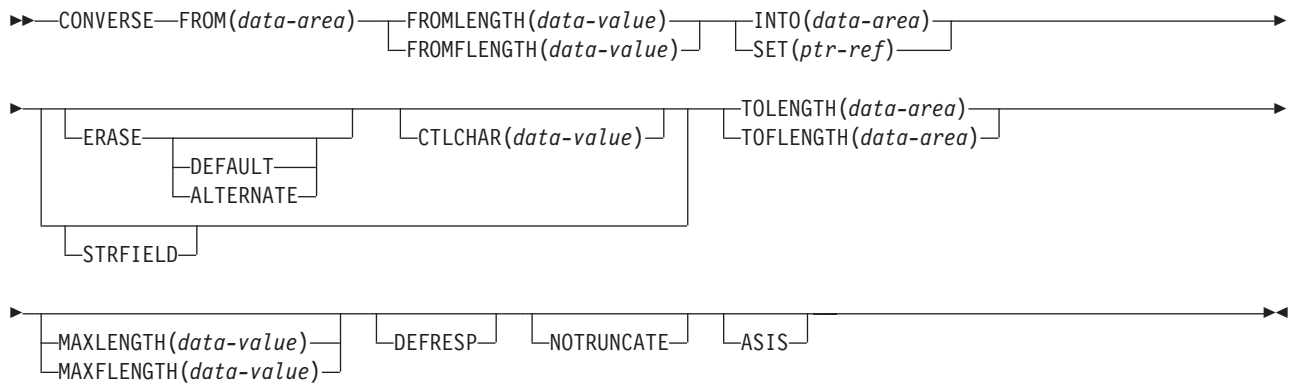
Conditions: LENGERR, RDATT, WRBRK

### CONVERSE (3270 display)



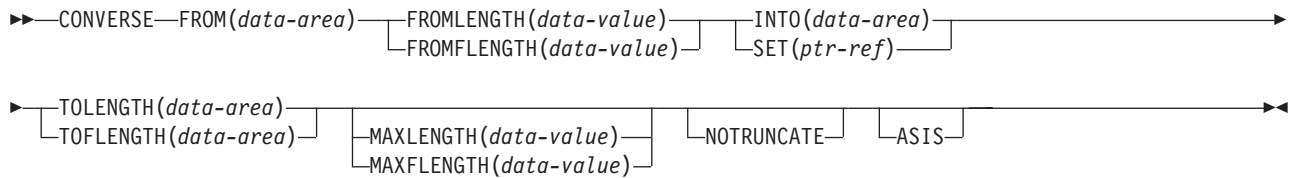
Condition: LENGERR

**CONVERSE (3270 logical)**



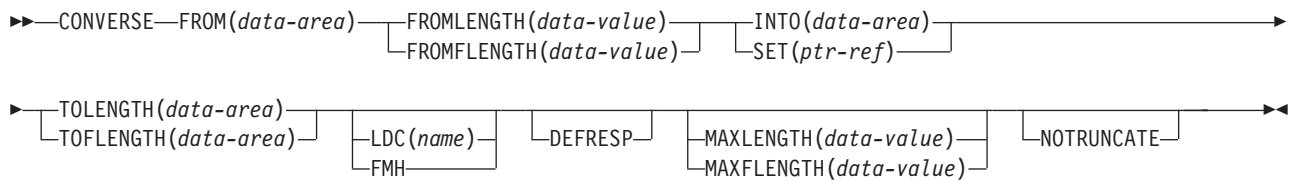
Conditions: INVREQ, LENGERR, TERMERR

**CONVERSE (3600 BTAM)**



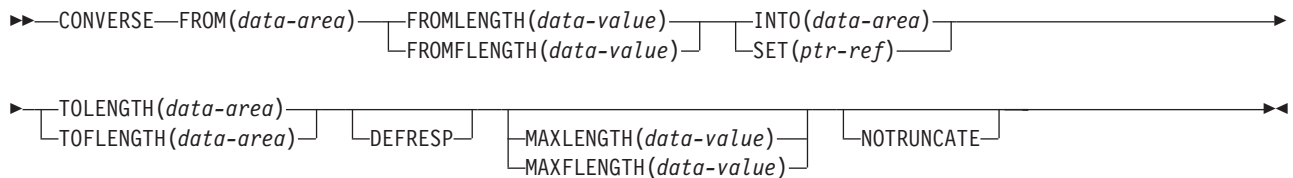
Condition: LENGERR

**CONVERSE (3600-3601)**



Conditions: EOC, EODS, INBFMH, LENGERR, SIGNAL, TERMERR

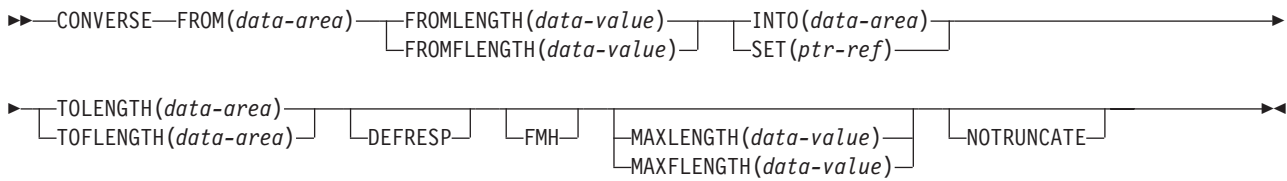
**CONVERSE (3600-3614)**



Conditions: LENGERR, TERMERR

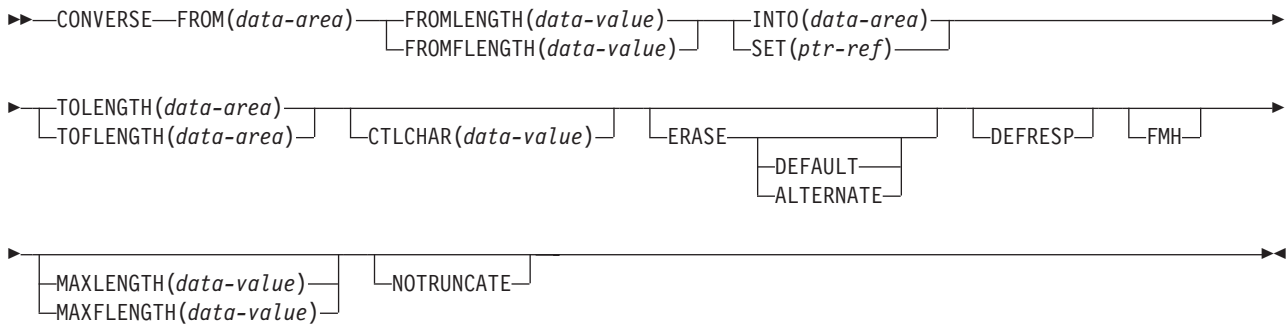
## API syntax

### CONVERSE (3650 interpreter)



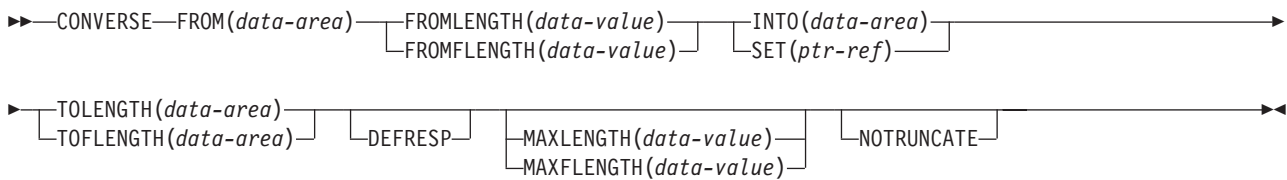
Conditions: EOC, EODS, INBFMH, LENGERR, TERMERR

### CONVERSE (3650-3270)



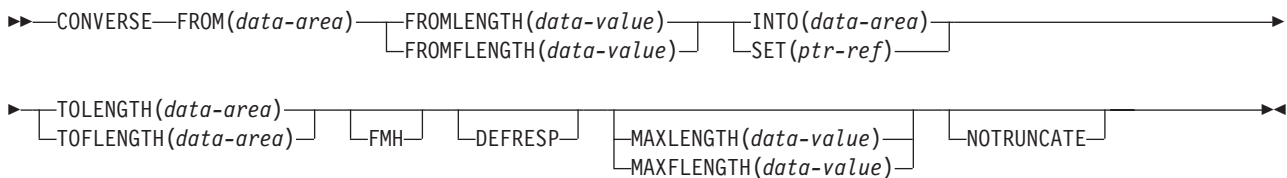
Conditions: LENGERR, TERMERR

### CONVERSE (3650-3653)

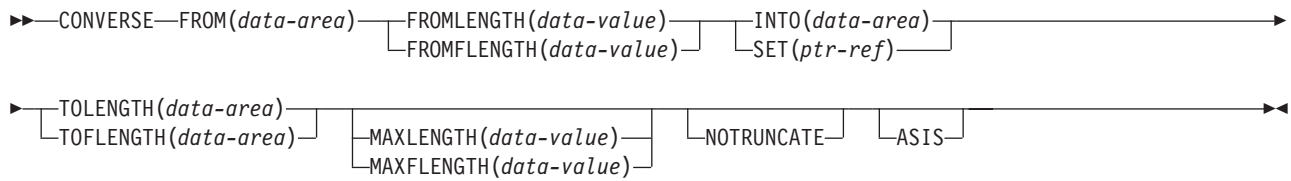


Conditions: EOC, LENGERR, TERMERR

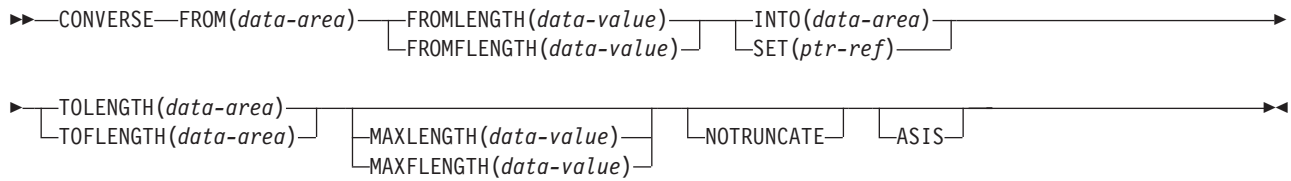
### CONVERSE (3650-3680)



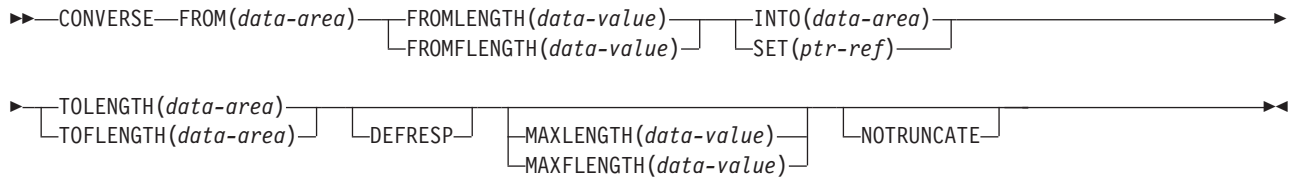
Conditions: LENGERR, TERMERR

**CONVERSE (3735)**

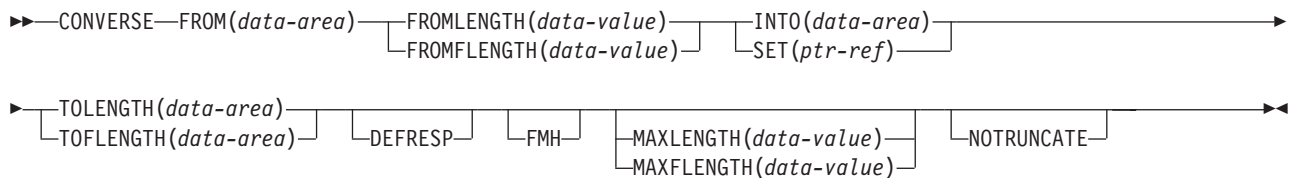
Conditions: EOF, LENGERR

**CONVERSE (3740)**

Condition: LENGERR

**CONVERSE (3767)**

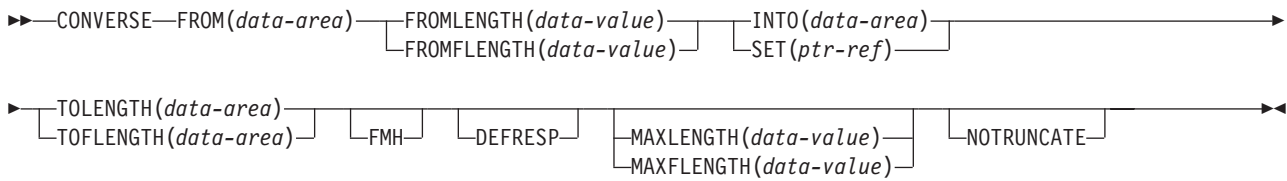
Conditions: EOC, LENGERR, SIGNAL, TERMERR

**CONVERSE (3770)**

Conditions: EOC, EODS, INBFMH, LENGERR, SIGNAL, TERMERR

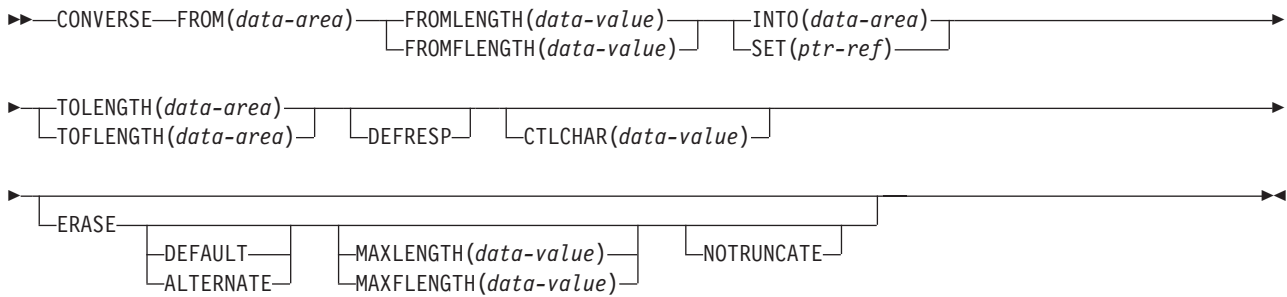
## API syntax

### CONVERSE (3790 full-function or inquiry)



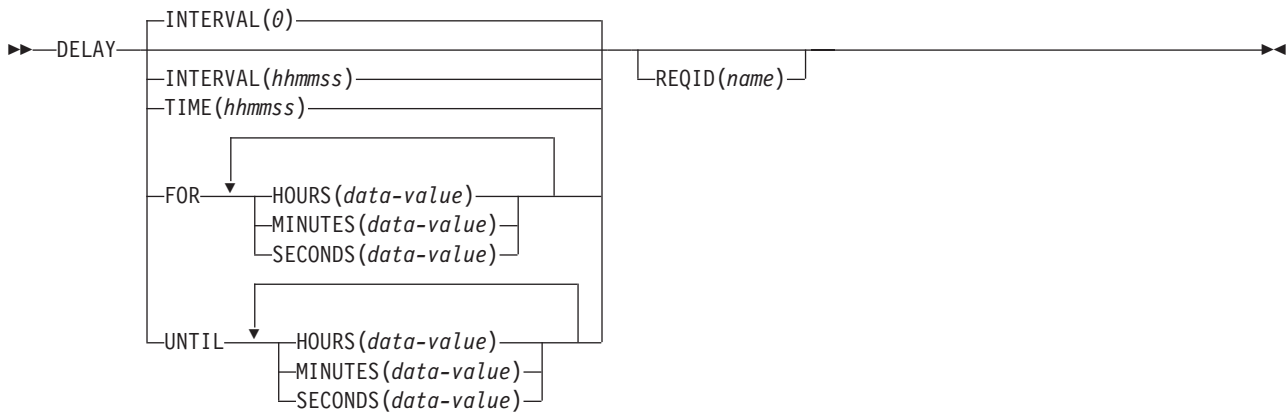
Conditions: EOC, EODS, INBFMH, LENGERR, SIGNAL, TERMERR

### CONVERSE (3790 3270-display)



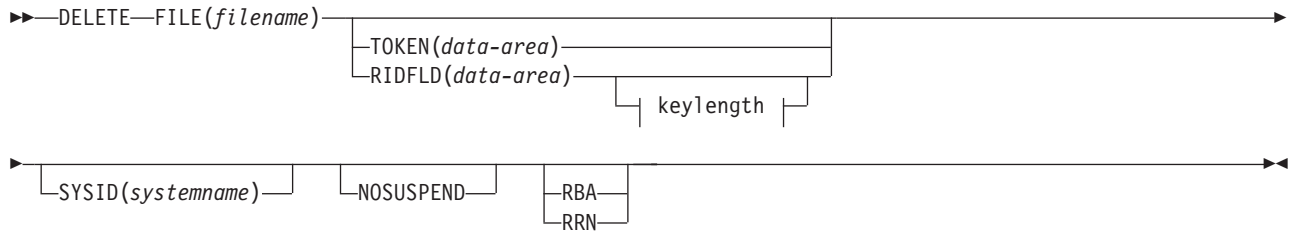
Conditions: LENGERR, TERMERR

### DELAY

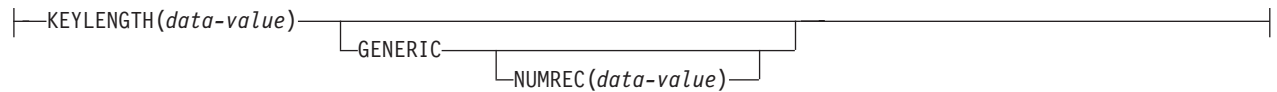


Conditions: EXPIRED, INVREQ

**DELETE**

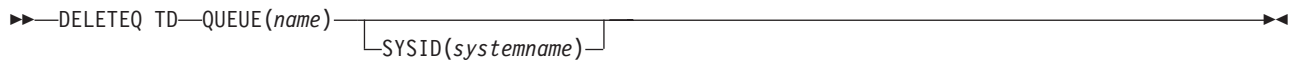


**keylength:**



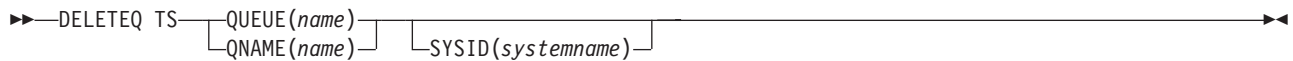
**Conditions:** CHANGED DISABLED, DUPKEY, FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCVREQ, LOADING, LOCKED, NOTAUTH, NOTFND, NOTOPEN, RECORDBUSY, SYSIDERR

**DELETEQ TD**



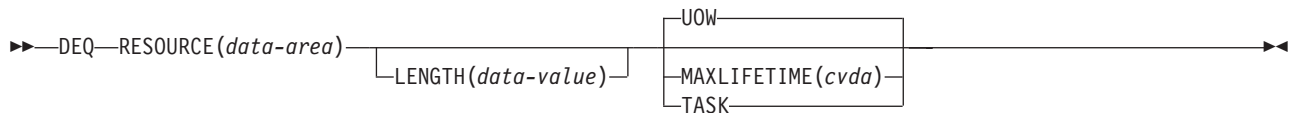
**Conditions:** DISABLED, INVREQ, ISCVREQ, LOCKED, NOTAUTH, QIDERR, SYSIDERR

**DELETEQ TS**



**Conditions:** INVREQ, ISCVREQ, LOCKED, NOTAUTH, QIDERR, SYSIDERR

**DEQ**



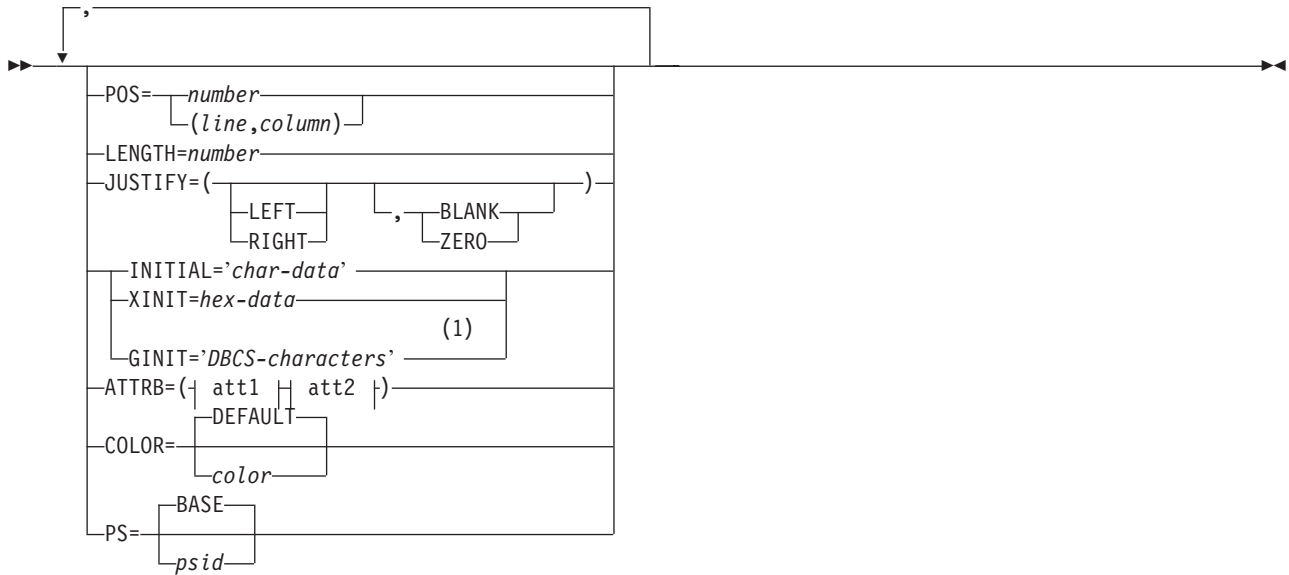
**Conditions:** INVREQ, LENGERR

## API syntax

### DFHMDF (1 of 2)



### DFHMDF



#### att1:



#### att2:

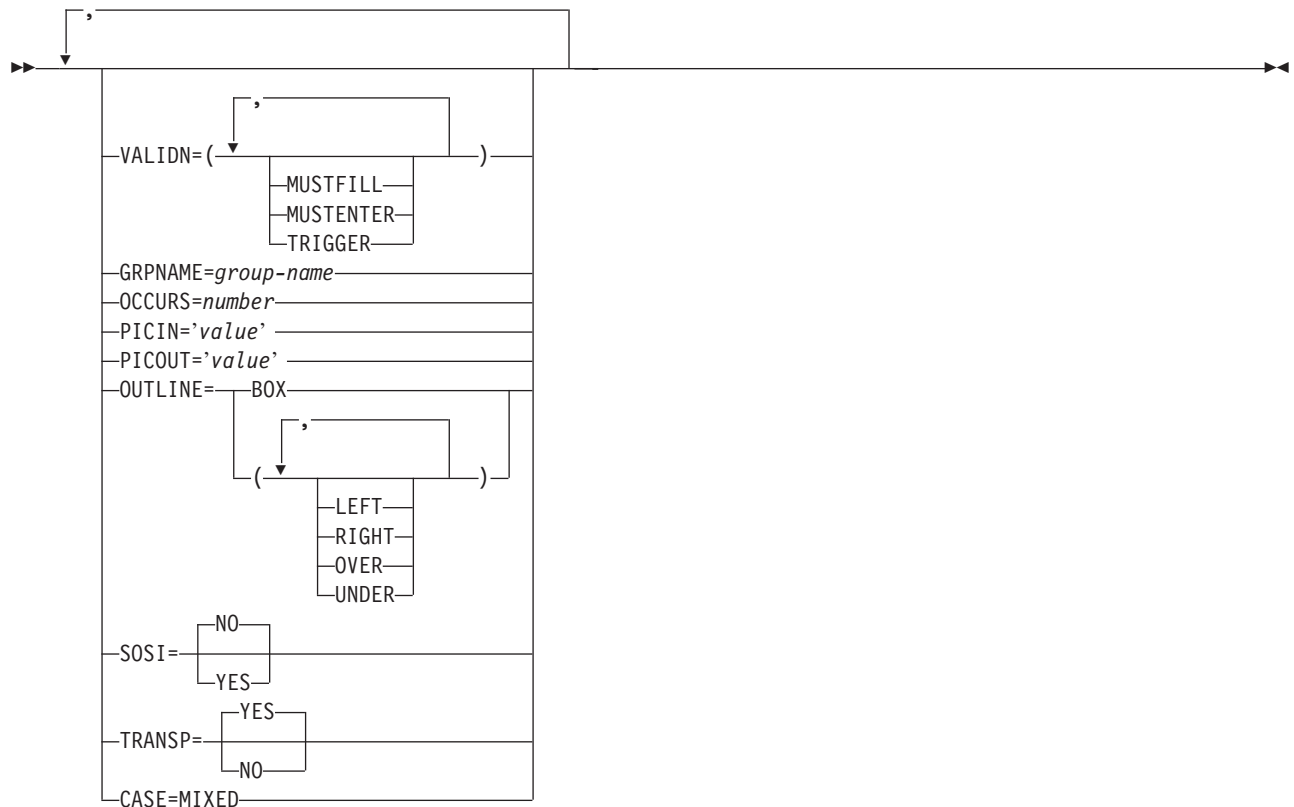


#### Notes:

- 1 DBCS characters start with a shift-out character X'0E' and end with a shift-in character X'0F'.



DFHMDF (2 of 2)

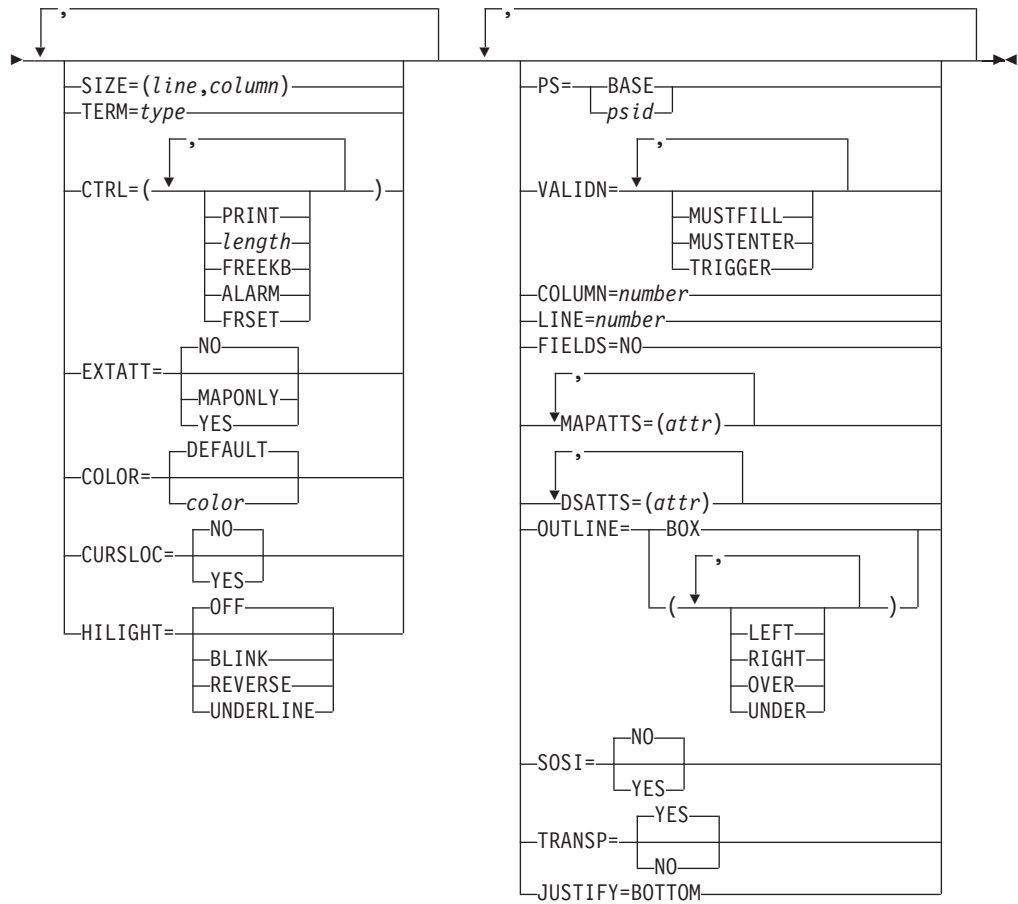


Minimum BMS:

**DFHMDF**

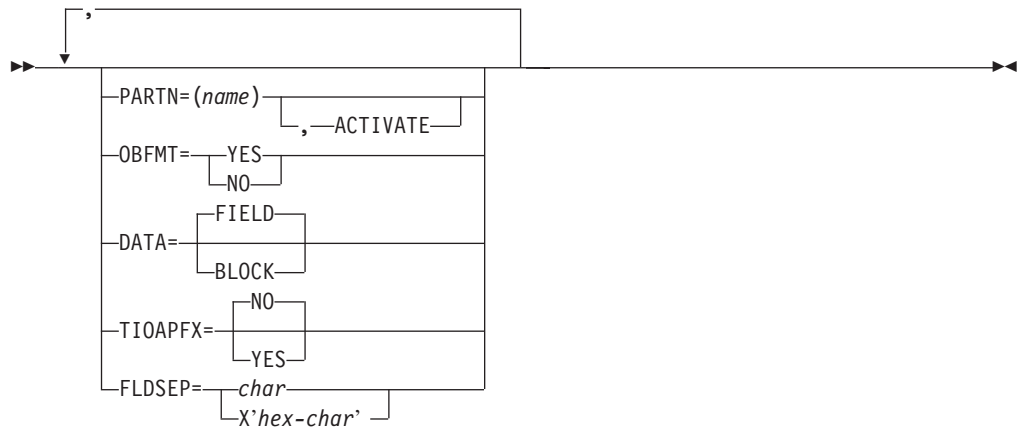


## API syntax



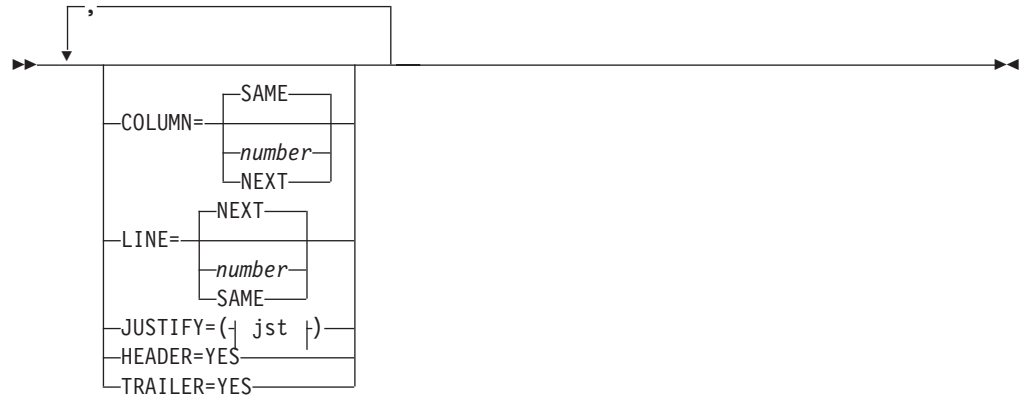
Standard BMS:

### DFHMDI



Full BMS:

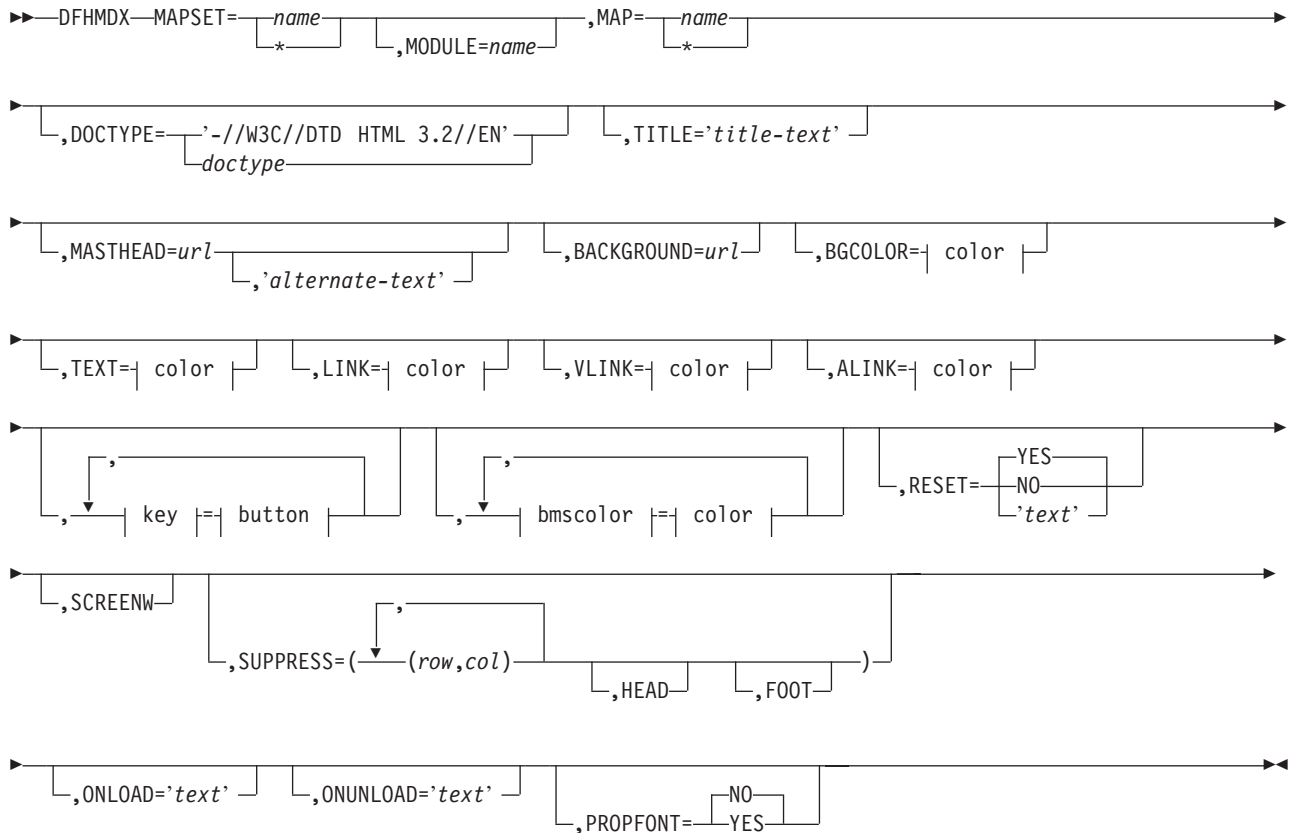
### DFHMDI



**jst:**



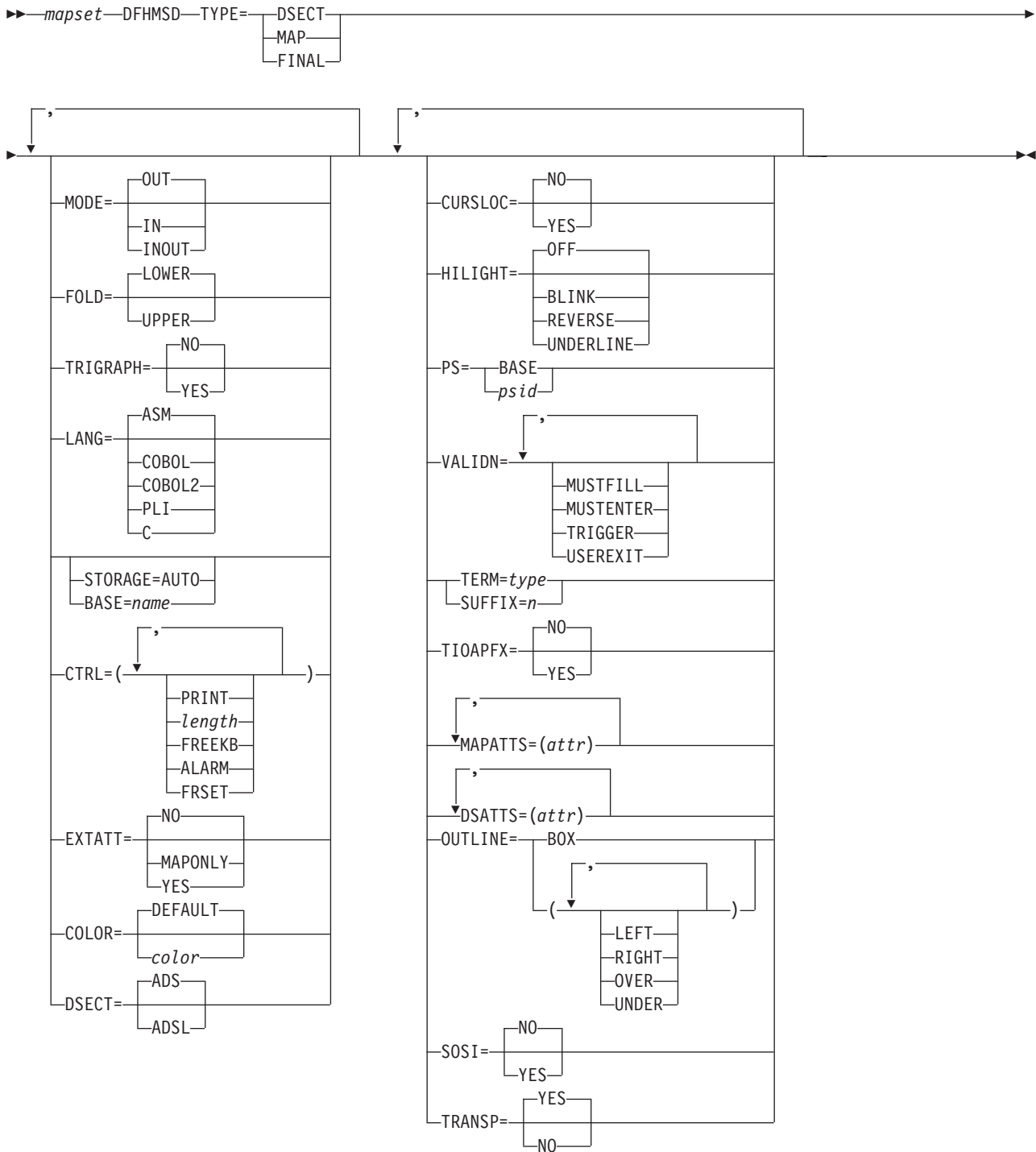
**DFHMDX**



Minimum BMS:

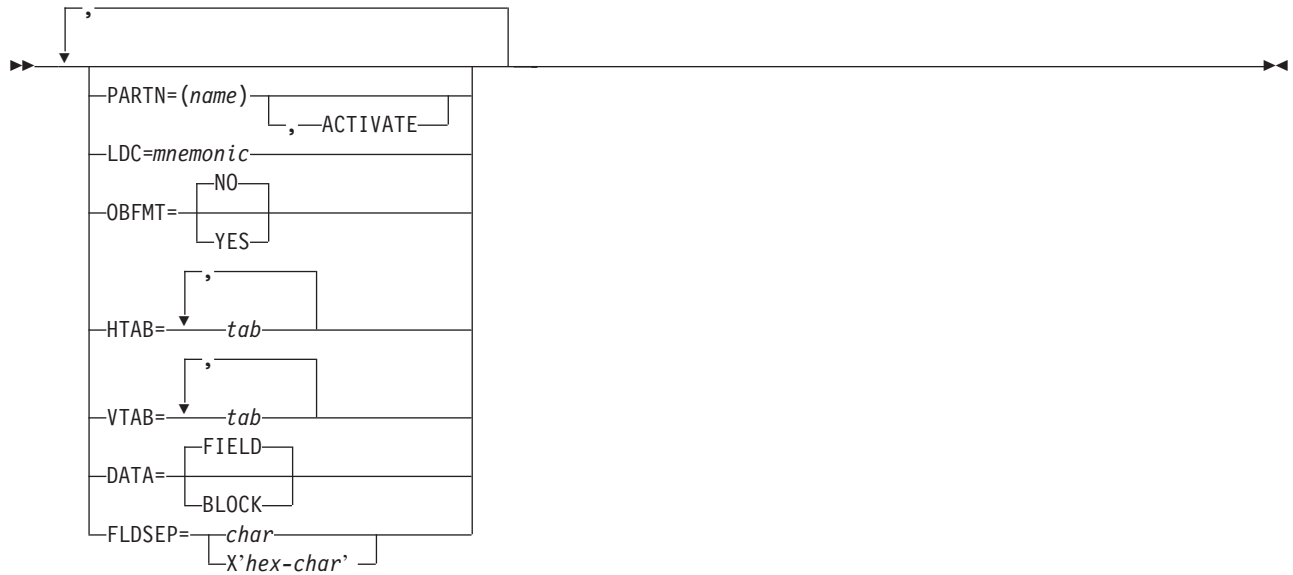
# API syntax

## DFHMSD

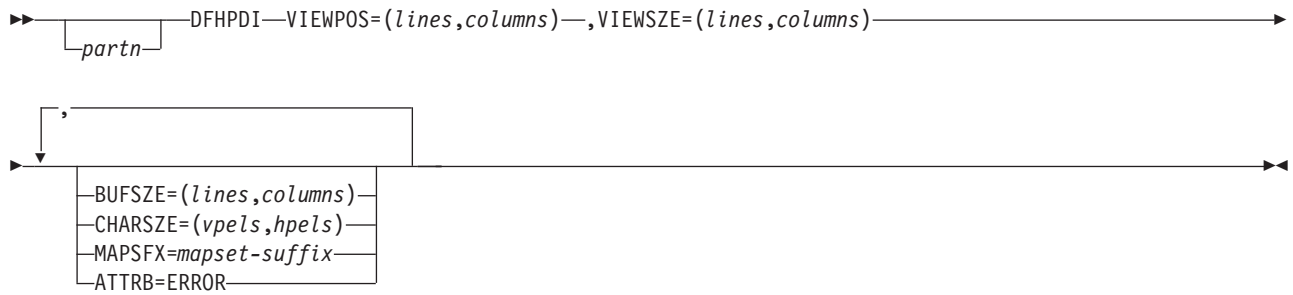


Standard BMS:

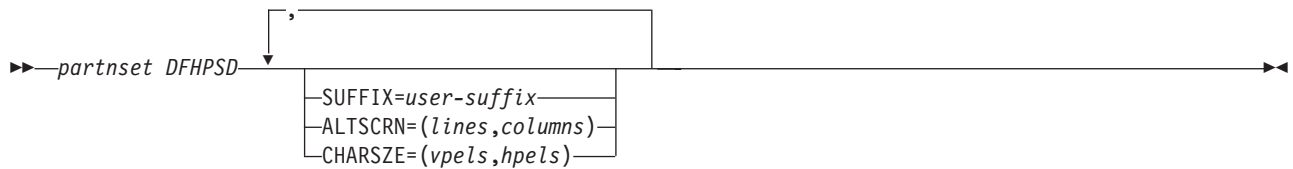
**DFHMSD**



**DFHPDI**



**DFHPSD**

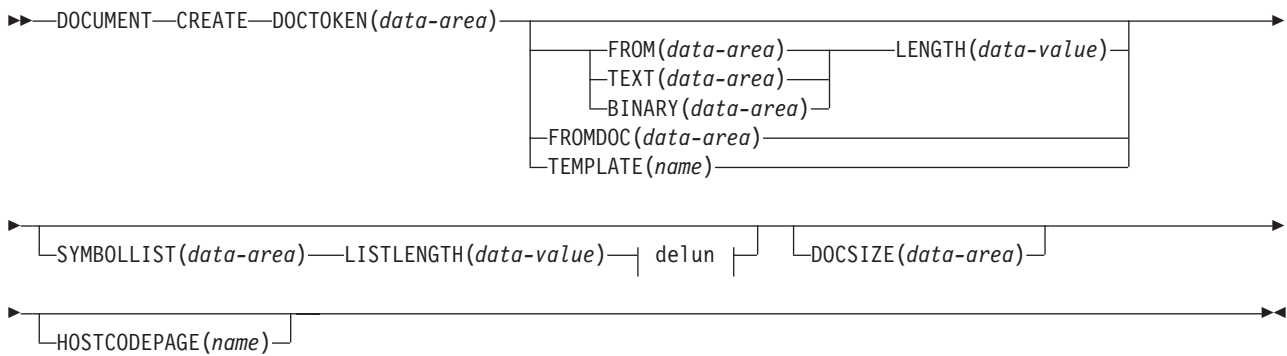


**DFHWBOUT**

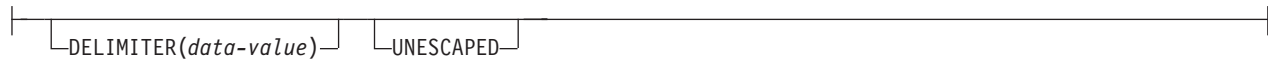


## API syntax

### DOCUMENT CREATE

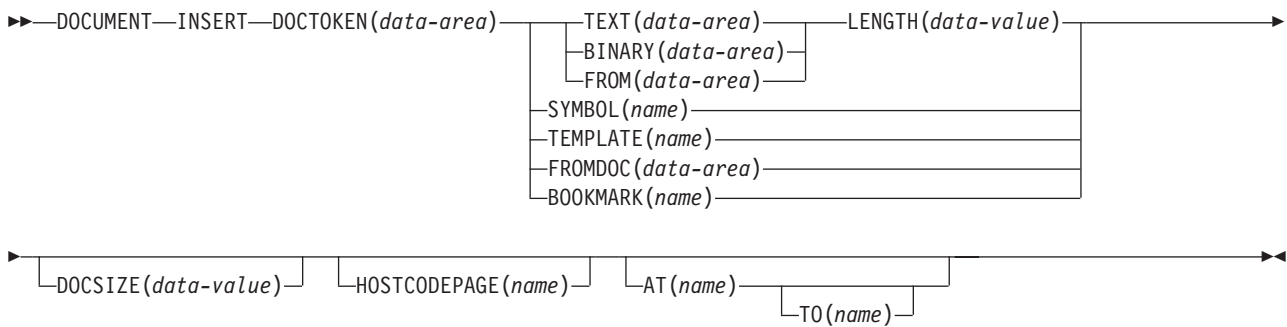


#### delun:



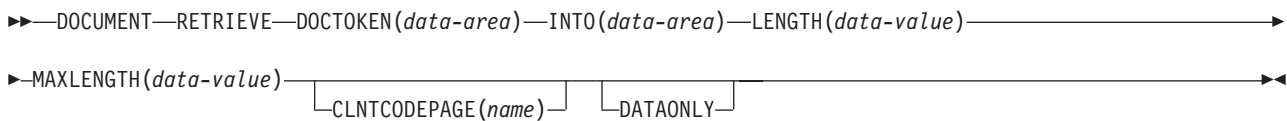
Conditions: INVREQ, NOTFND, SYMBOLERR, TEMPLATERR

### DOCUMENT INSERT



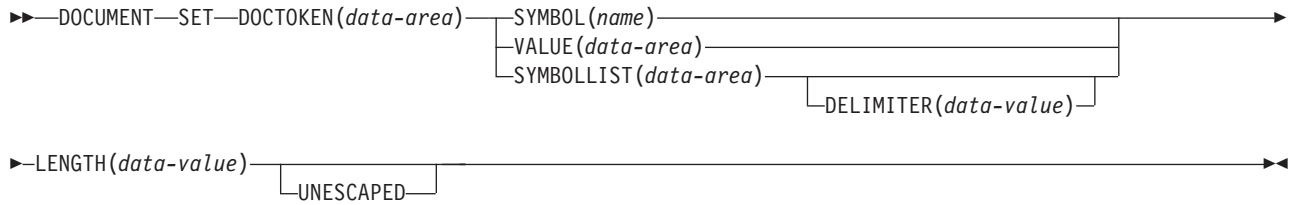
Conditions: DUPREC, INVREQ, NOTFND, TEMPLATERR

### DOCUMENT RETRIEVE



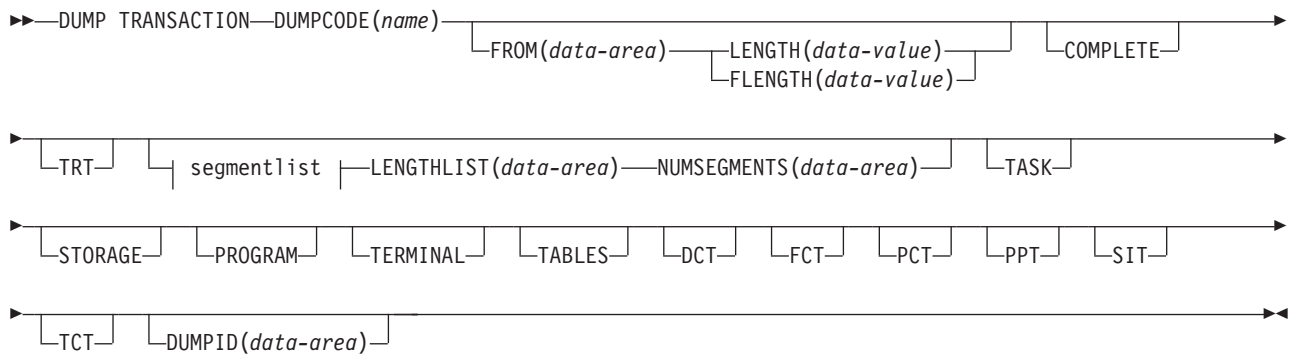
Conditions: LENGERR, NOTFND

**DOCUMENT SET**



Conditions: NOTFND, SYMBOLERR

**DUMP TRANSACTION**

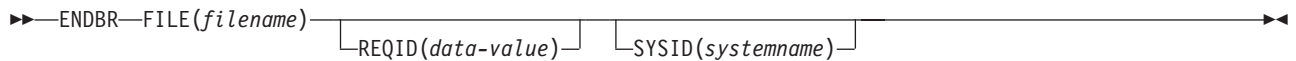


**segmentlist:**



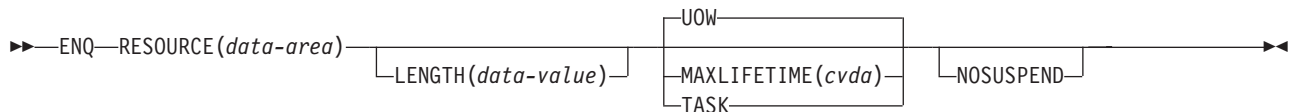
Conditions: INVREQ, IOERR, NOSPACE, NOSTG, NOTOPEN, OPENERR, SUPPRESSED

**ENDBR**



Conditions: FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCINVREQ, NOTAUTH, SYSIDERR

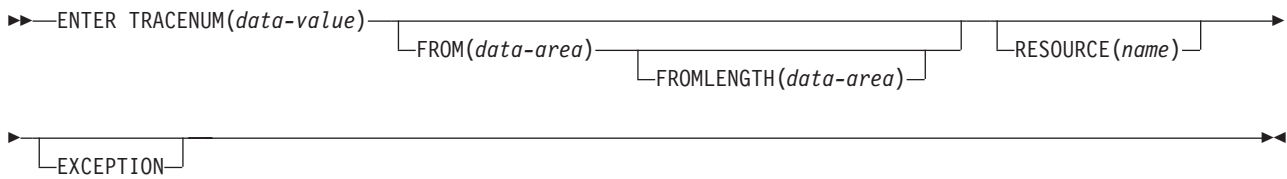
**ENQ**



Conditions: ENQBUSY, INVREQ, LENGERR

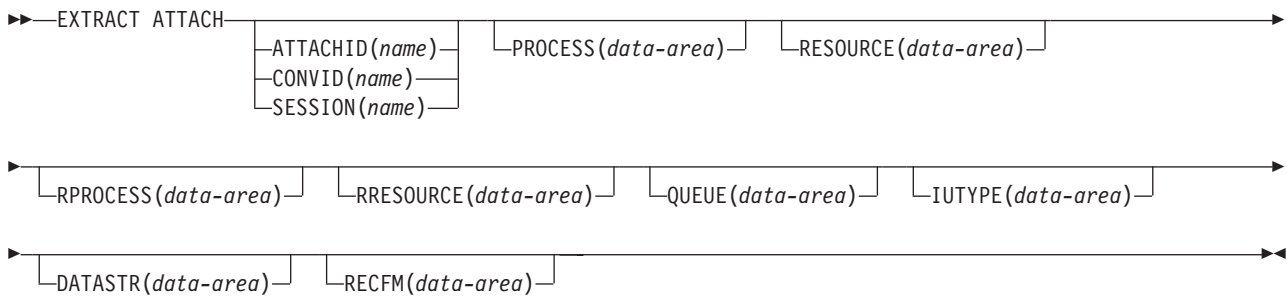
## API syntax

### ENTER TRACENUM



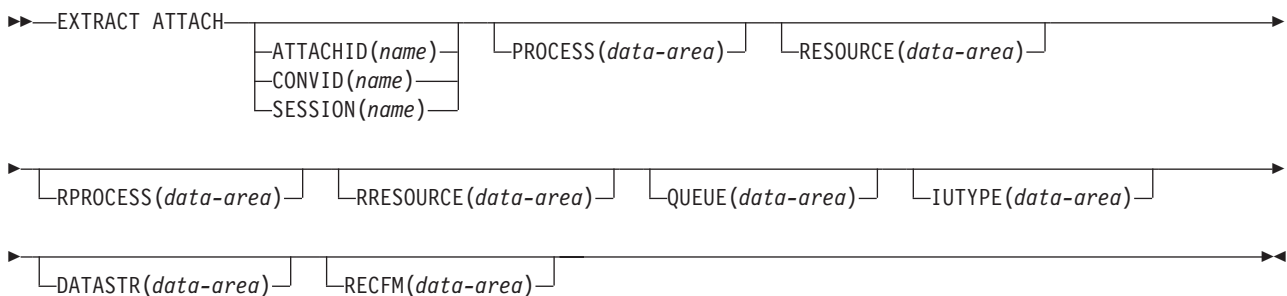
Conditions: INVREQ, LENGERR

### EXTRACT ATTACH (LUTYPE6.1)



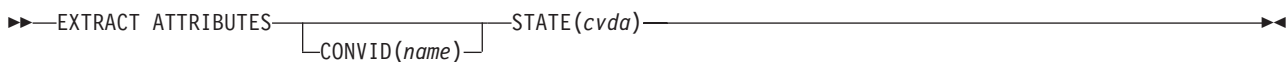
Conditions: CBIDERR, INVREQ, NOTALLOC

### EXTRACT ATTACH (MRO)



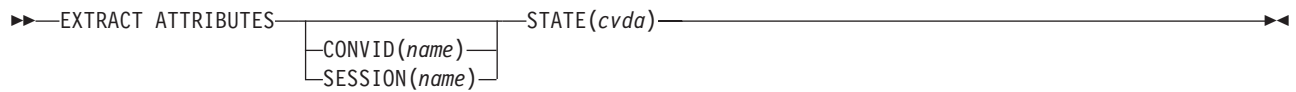
Conditions: CBIDERR, INVREQ, NOTALLOC

### EXTRACT ATTRIBUTES (APPC)

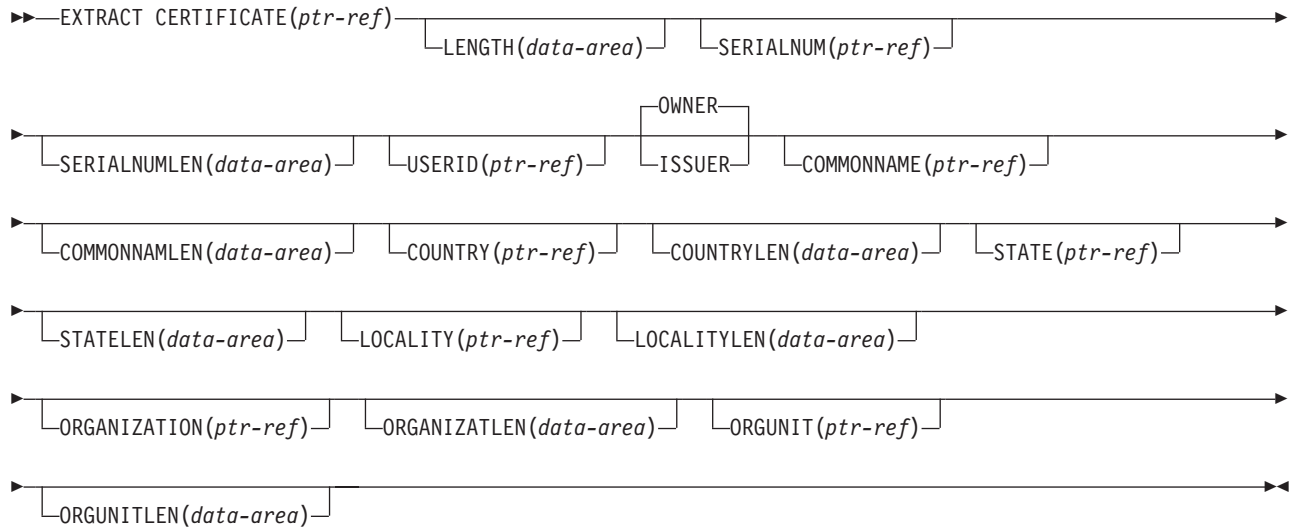


Conditions: INVREQ, NOTALLOC



**EXTRACT ATTRIBUTES (MRO)**

**Conditions:** INVREQ, NOTALLOC

**EXTRACT CERTIFICATE**

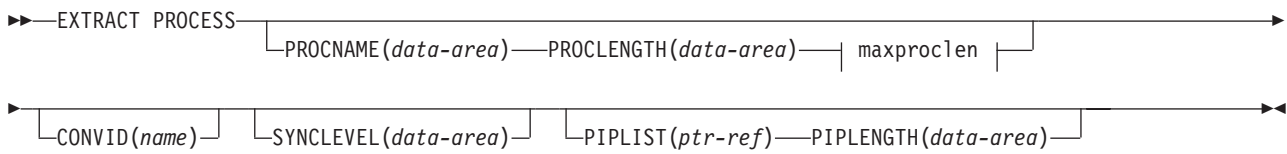
**Conditions:** INVREQ, LENGERR

**EXTRACT LOGONMSG**

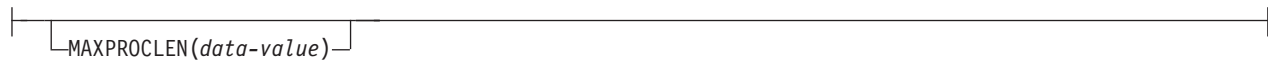
**Condition:** NOTALLOC

## API syntax

### EXTRACT PROCESS (APPC)

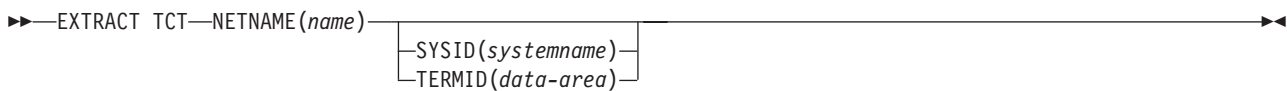


#### maxproclen:



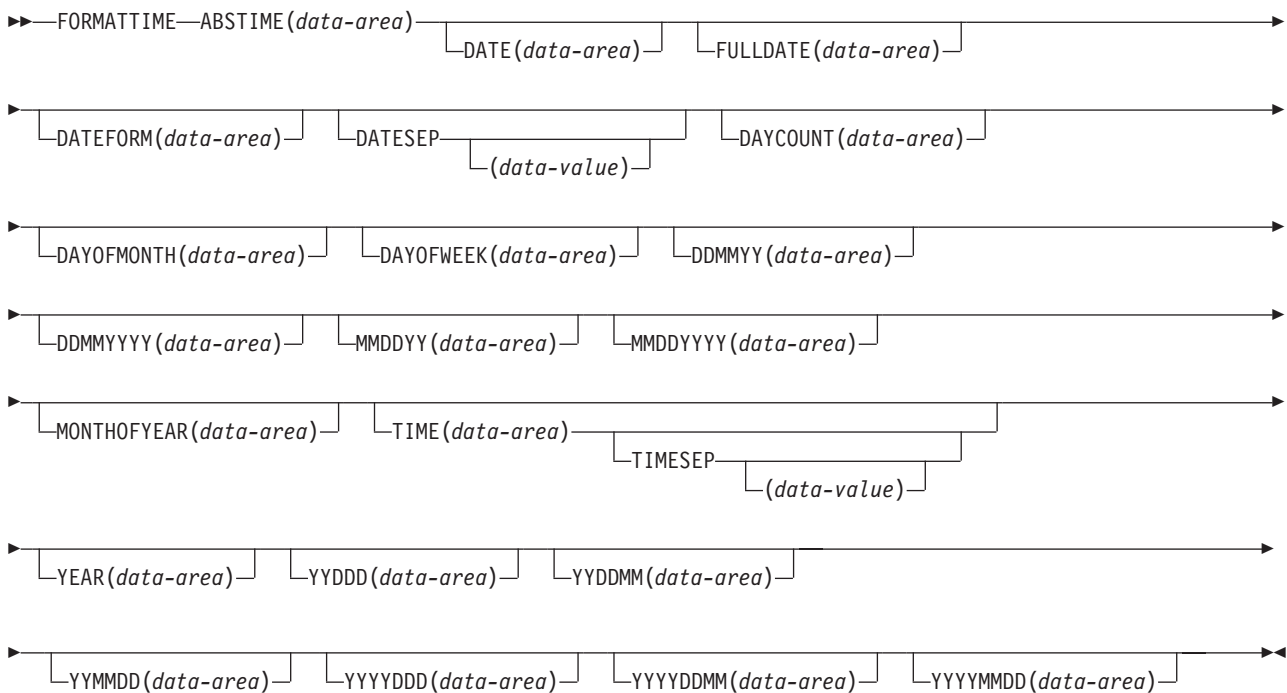
Conditions: INVREQ, LENGERR, NOTALLOC

### EXTRACT TCT



Condition: INVREQ, NOTALLOC

### FORMATTIME



Condition: INVREQ



## API syntax

### GDS ASSIGN (APPC basic)

▶▶ GDS ASSIGN — PRINCONVID(*data-area*) — PRINSYSID(*data-area*) — RETCODE(*data-area*)

### GDS CONNECT PROCESS (APPC basic)

▶▶ GDS CONNECT PROCESS — CONVID(*name*) — PROCNAME(*name*) — PROCLENGTH(*data-value*) — PARTNER(*name*)

▶ PIPLIST(*data-area*) — SYNCLEVEL(*data-value*) — CONVDATA(*data-area*) — PIPELENGTH(*data-value*)

▶ RETCODE(*data-area*) — STATE(*cvda*)

### GDS EXTRACT ATTRIBUTES (APPC basic)

▶▶ GDS EXTRACT ATTRIBUTES — CONVID(*name*) — STATE(*cvda*) — CONVDATA(*data-area*) — RETCODE(*data-area*)

### GDS EXTRACT PROCESS (APPC basic)

▶▶ GDS EXTRACT PROCESS — CONVID(*name*)

▶ PROCNAME(*data-area*) — PROCLENGTH(*data-area*) — maxproclen — SYNCLEVEL(*data-area*)

▶ PIPLIST(*pointer-ref*) — PIPELENGTH(*data-area*) — RETCODE(*data-area*)

#### maxproclen:

▶ MAXPROCLEN(*data-value*)

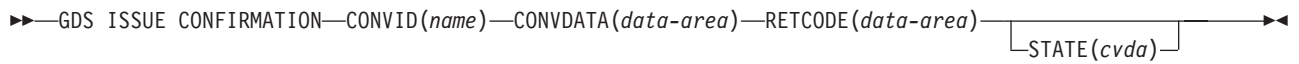
### GDS FREE (APPC basic)

▶▶ GDS FREE — CONVID(*name*) — CONVDATA(*data-area*) — RETCODE(*data-area*) — STATE(*cvda*)

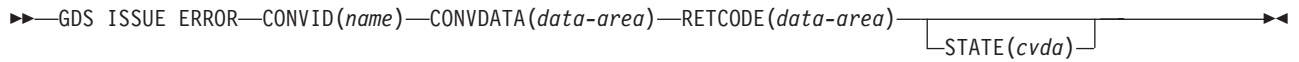
### GDS ISSUE ABEND (APPC basic)

▶▶ GDS ISSUE ABEND — CONVID(*name*) — CONVDATA(*data-area*) — RETCODE(*data-area*) — STATE(*cvda*)

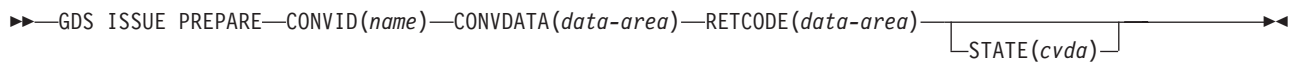
**GDS ISSUE CONFIRMATION (APPC basic)**



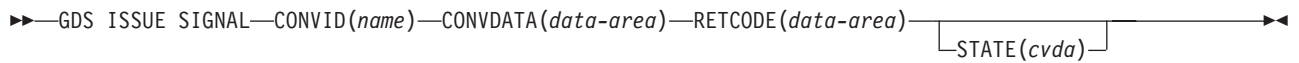
**GDS ISSUE ERROR (APPC basic)**



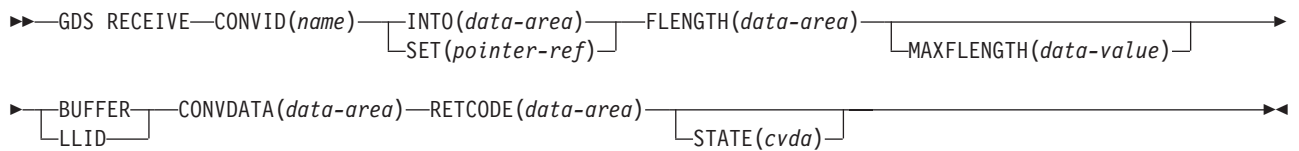
**GDS ISSUE PREPARE (APPC basic)**



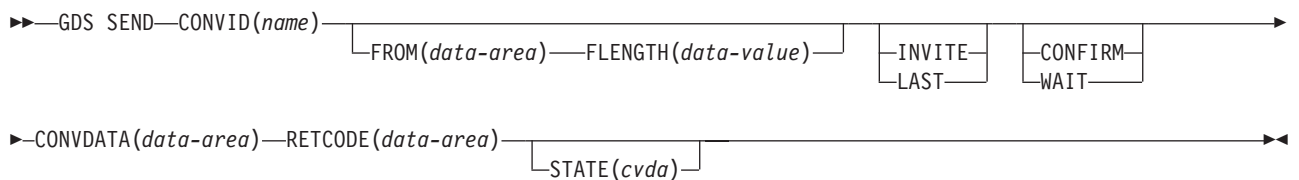
**GDS ISSUE SIGNAL (APPC basic)**



**GDS RECEIVE (APPC basic)**



**GDS SEND (APPC basic)**

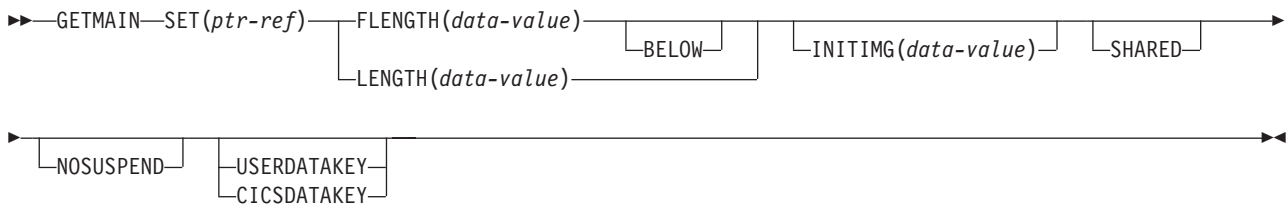


**GDS WAIT (APPC basic)**



## API syntax

### GETMAIN



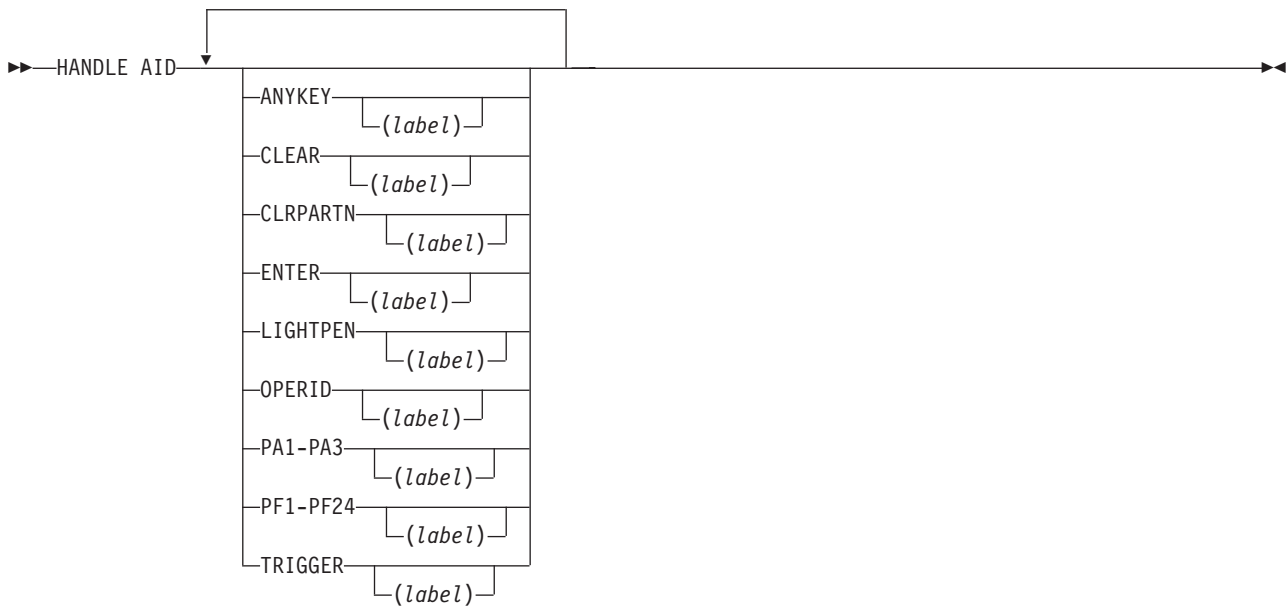
Conditions: LENGERR, NOSTG

### HANDLE ABEND



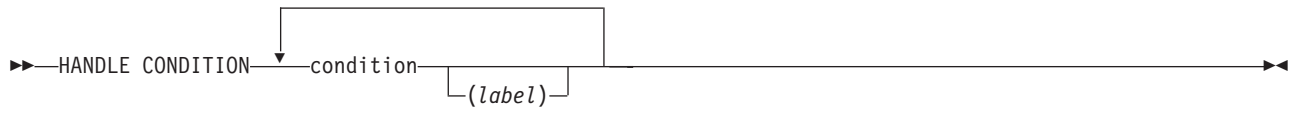
Conditions: NOTAUTH, PGMIDERR (PROGRAM only)

### HANDLE AID



Condition: INVREQ

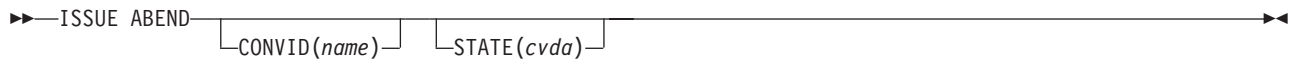
**HANDLE CONDITION**



**IGNORE CONDITION**

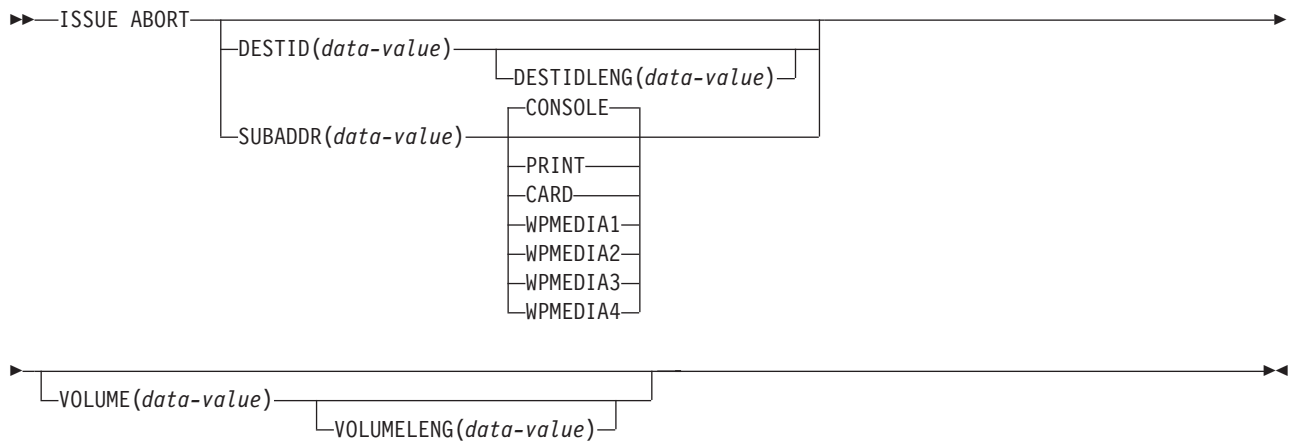


**ISSUE ABEND (APPC)**



Conditions: INVREQ, NOTALLOC, TERMERR

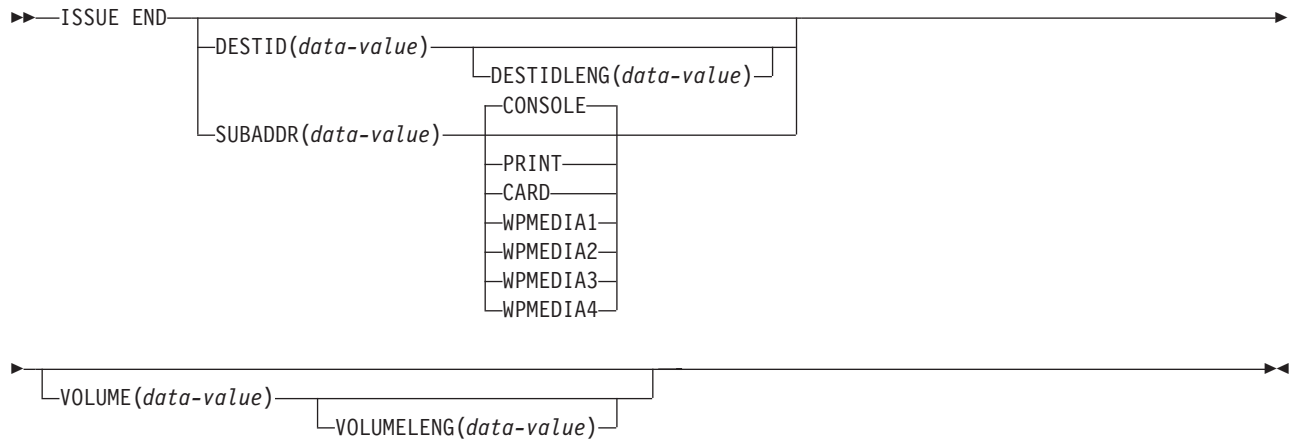
**ISSUE ABORT**



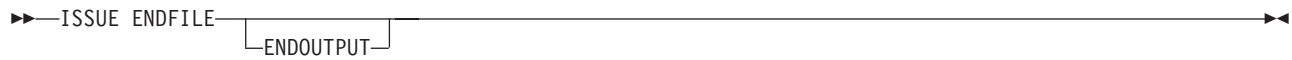
Conditions: FUNCERR, INVREQ, SELNERR, UNEXPIN





**ISSUE END**

**Conditions:** FUNCERR, INVREQ, SELNERR, UNEXPIN

**ISSUE ENDFILE**

**Condition:** INVREQ, NOTALLOC

**ISSUE ENDOUTPUT**

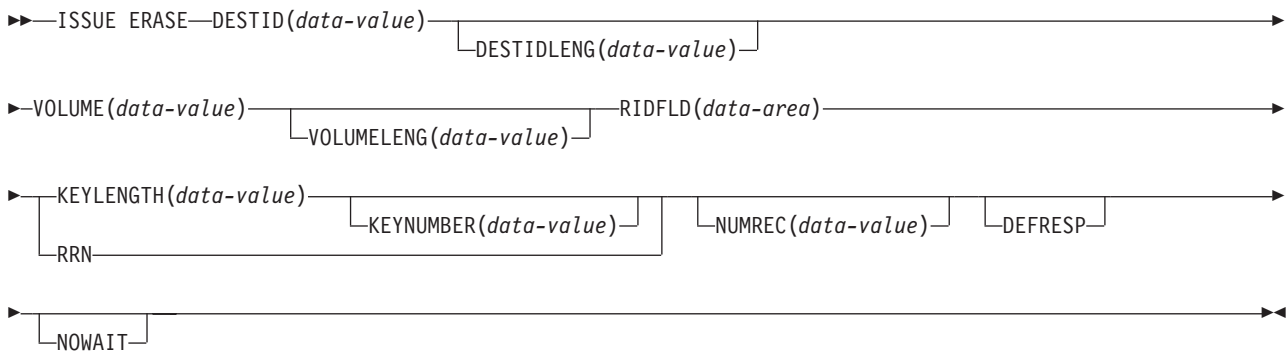
**Condition:** INVREQ, NOTALLOC

**ISSUE EODS**

**Conditions:** INVREQ, NOTALLOC, TERMERR

## API syntax

### ISSUE ERASE



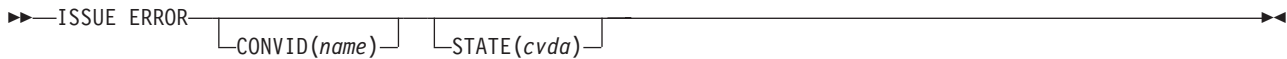
Conditions: FUNCERR, INVREQ, SELNERR, UNEXPIN

### ISSUE ERASEAUP



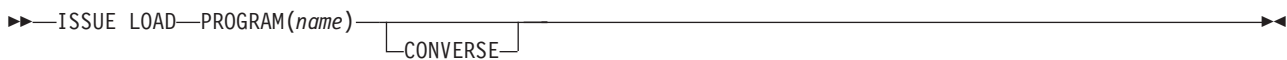
Conditions: INVREQ, NOTALLOC, TERMERR

### ISSUE ERROR (APPC)



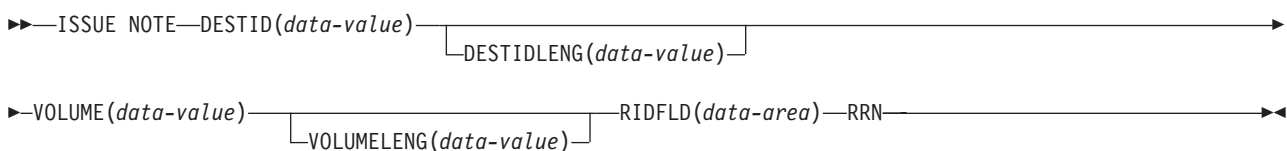
Conditions: INVREQ, NOTALLOC, SIGNAL, TERMERR

### ISSUE LOAD

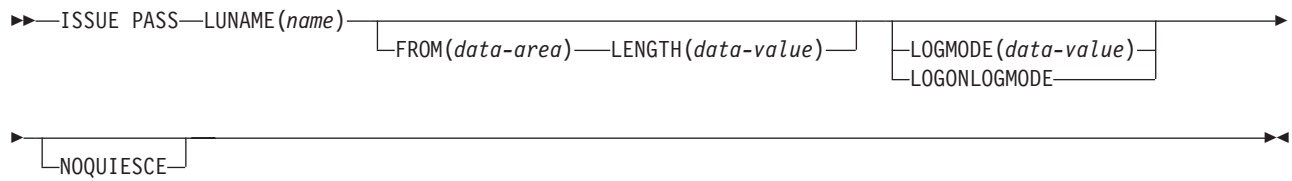


Conditions: NONVAL, NOTALLOC, NOSTART, TERMERR

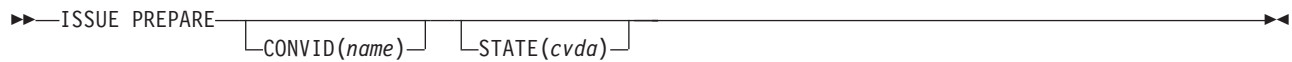
### ISSUE NOTE



Conditions: FUNCERR, INVREQ, SELNERR, UNEXPIN

**ISSUE PASS**

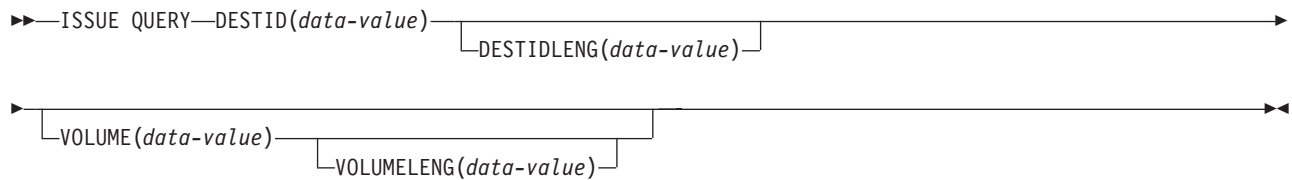
**Conditions:** INVREQ, LENGERR, NOTALLOC

**ISSUE PREPARE (APPC)**

**Conditions:** INVREQ, NOTALLOC, TERMERR

**ISSUE PRINT**

**Conditions:** INVREQ, NOTALLOC, TERMERR

**ISSUE QUERY**

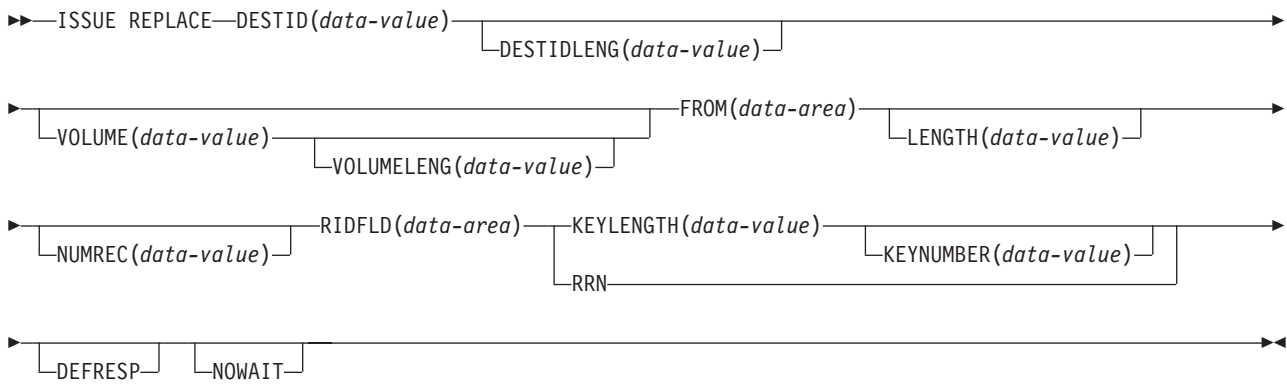
**Conditions:** FUNCERR, INVREQ, SELNERR, UNEXPIN

**ISSUE RECEIVE**

**Conditions:** DSSTAT, EOC, EODS, INVREQ, LENGERR, UNEXPIN

## API syntax

### ISSUE REPLACE



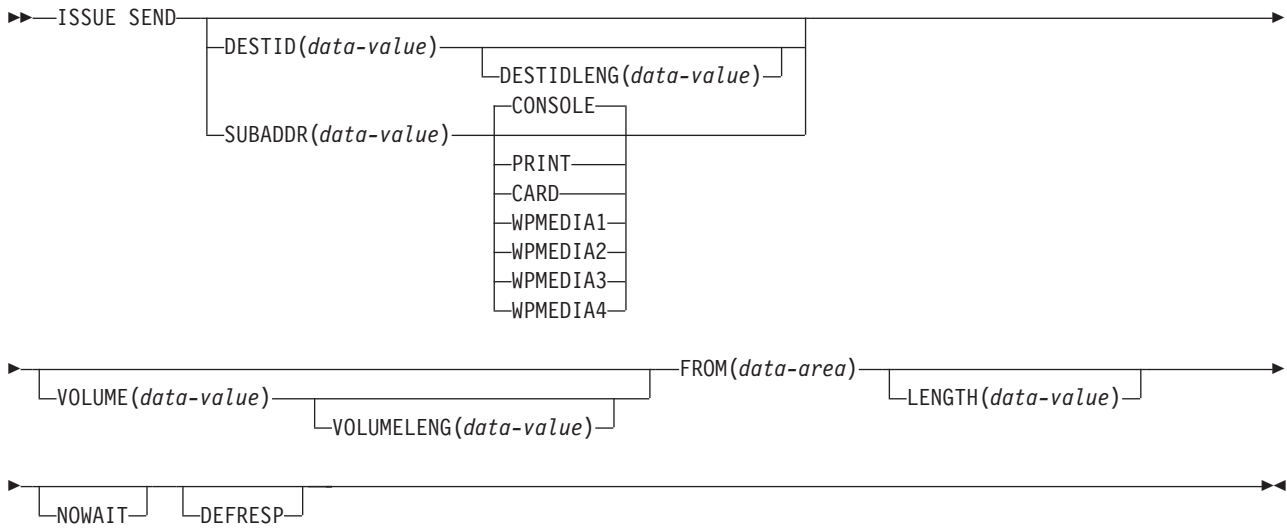
Conditions: FUNCERR, INVREQ, SELNERR, UNEXPIN

### ISSUE RESET

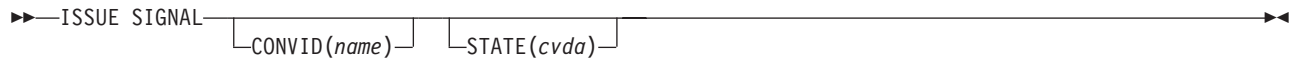


Condition: INVREQ, NOTALLOC

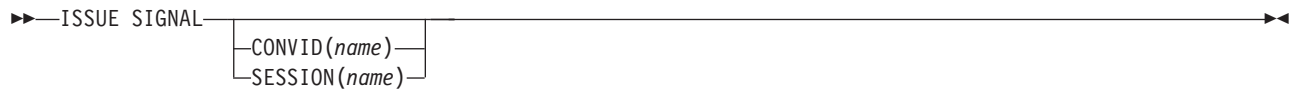
### ISSUE SEND



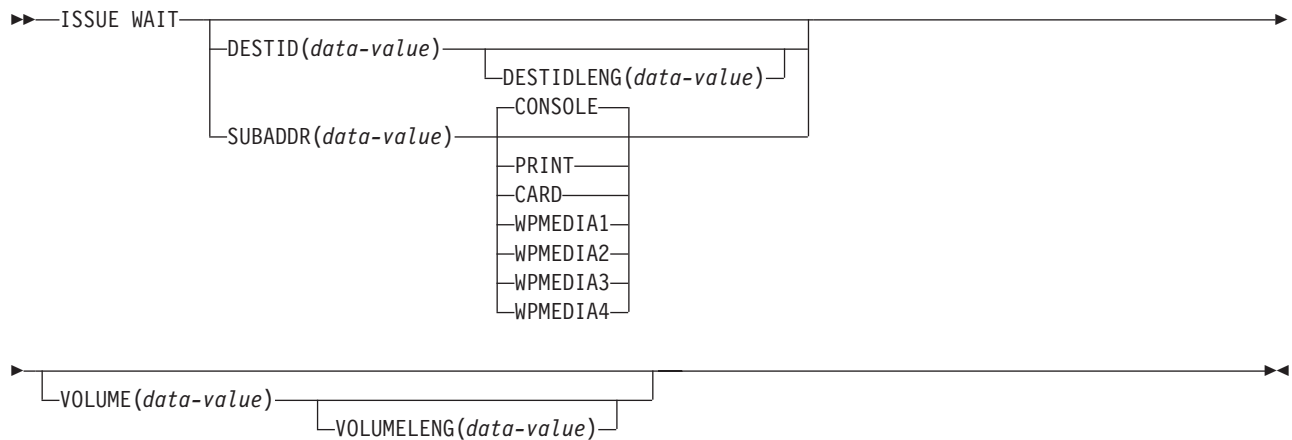
Conditions: FUNCERR, IREQCD, INVREQ, SELNERR, UNEXPIN

**ISSUE SIGNAL (APPC)**

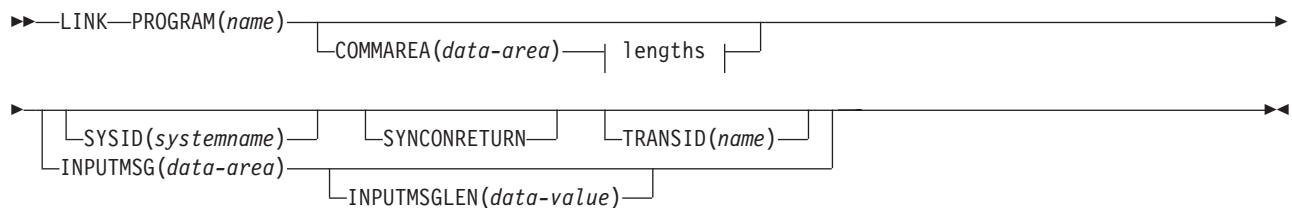
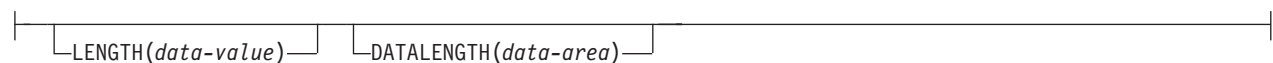
Conditions: INVREQ, NOTALLOC, TERMERR

**ISSUE SIGNAL (LUTYPE6.1)**

Conditions: NOTALLOC, TERMERR

**ISSUE WAIT**

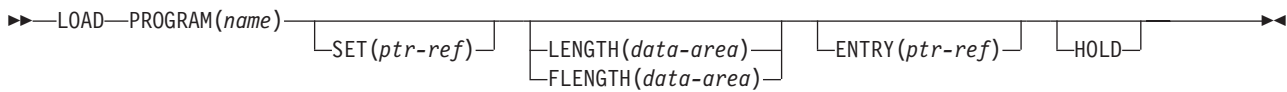
Conditions: FUNCERR, INVREQ, SELNERR, UNEXPIN

**LINK****lengths:**

Conditions: INVREQ, LENGERR, NOTAUTH, PGMIDERR, ROLLEDBACK, SYSIDERR, TERMERR

## API syntax

### LOAD



Conditions: INVREQ, LENGERR, NOTAUTH, PGMIDERR

### MONITOR



Condition: INVREQ

### POINT



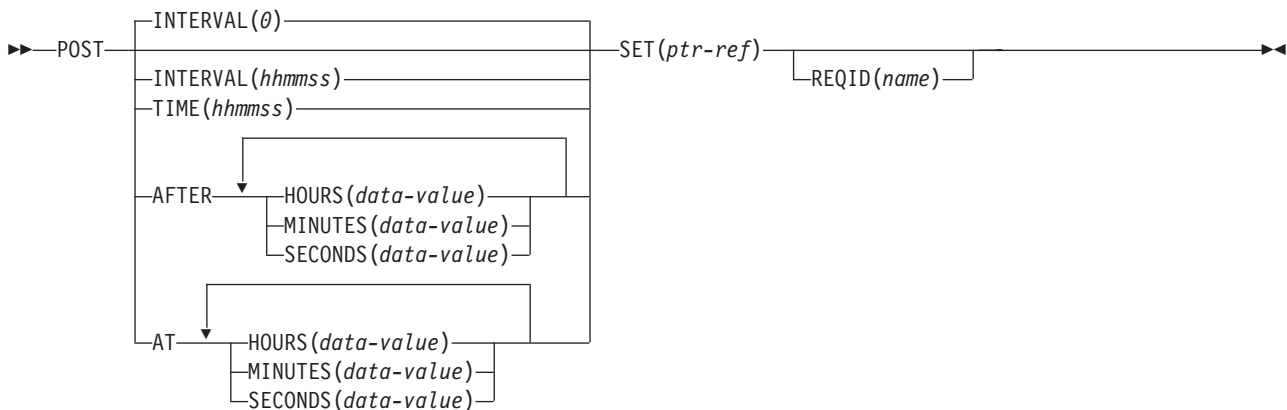
Condition: NOTALLOC

### POP HANDLE



Condition: INVREQ

### POST



Conditions: EXPIRED, INVREQ

**PURGE MESSAGE**

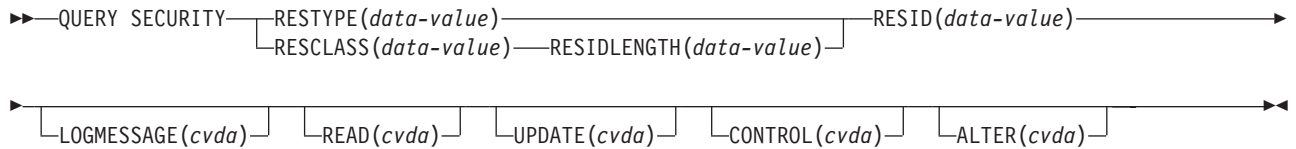


Conditions: Full BMS: INVREQ, TSOERR

**PUSH HANDLE**

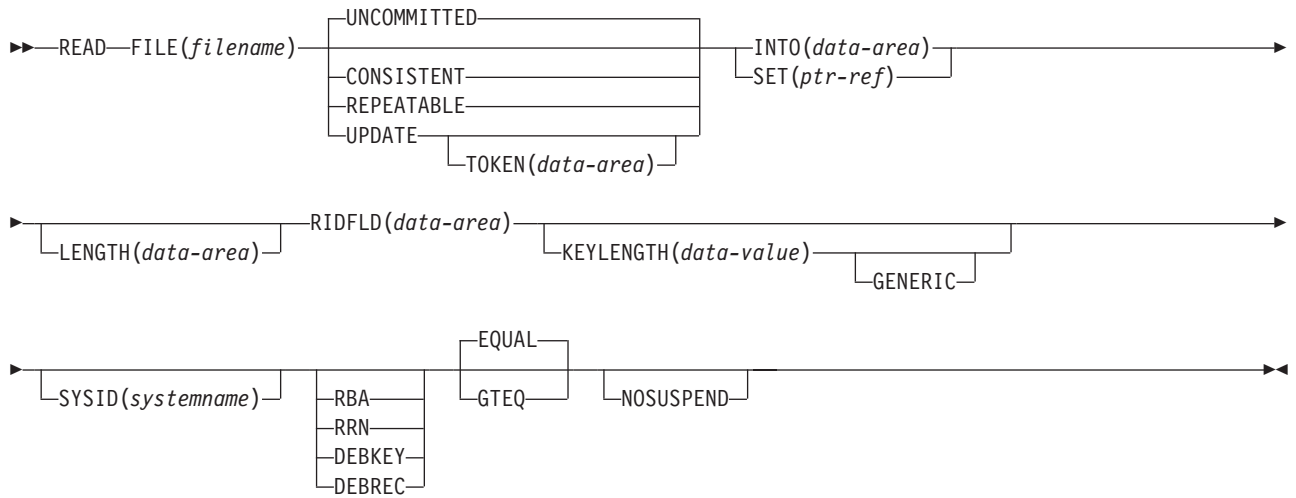


**QUERY SECURITY**



Conditions: INVREQ, LENGERR, NOTFND, QIDERR

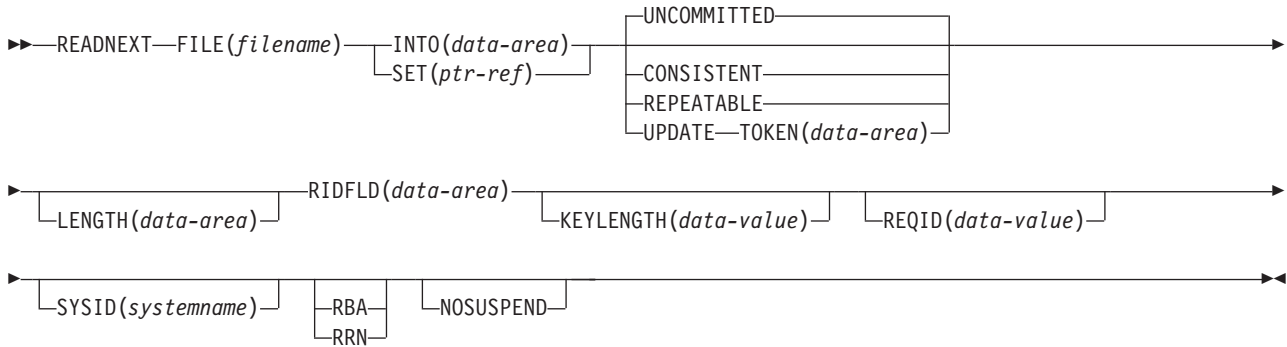
**READ**



Conditions: DISABLED, DUPKEY, FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCVREQ, LENGERR, LOADING, LOCKED, NOTAUTH, NOTFND, NOTOPEN, RECORDBUSY, SYSIDERR

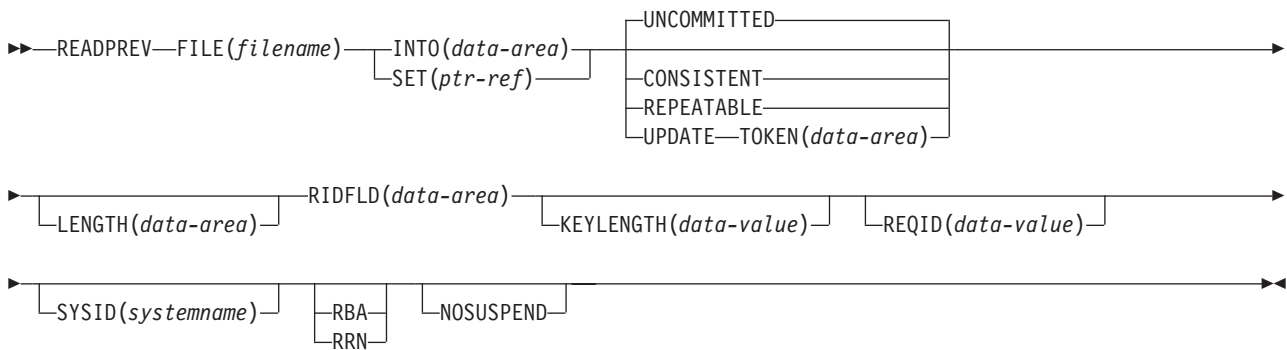
## API syntax

### READNEXT



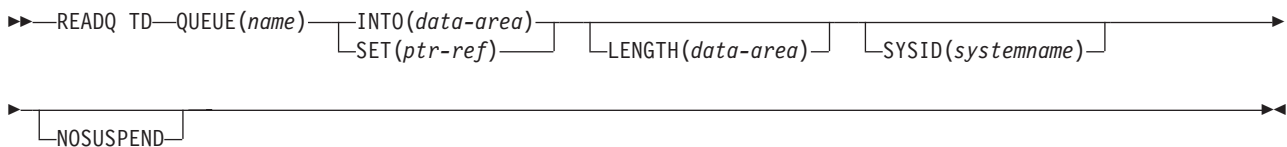
**Conditions:** DUPKEY, ENDFILE, FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCINVREQ, LENGERR, LOADING, LOCKED, NOTAUTH, NOTFND, RECORDBUSY, SYSIDERR

### READPREV



**Conditions:** DUPKEY, ENDFILE, FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCINVREQ, LENGERR, LOCKED, NOTAUTH, NOTFND, RECORDBUSY, SYSIDERR

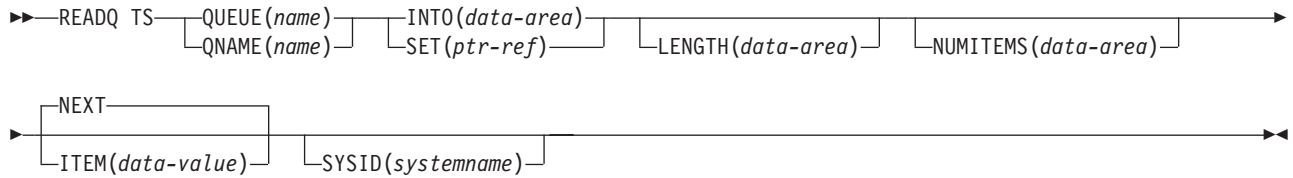
### READQ TD



**Conditions:** DISABLED, INVREQ, IOERR, ISCINVREQ, LENGERR, LOCKED, NOTAUTH, NOTOPEN, QBUSY, QIDERR, QZERO, SYSIDERR

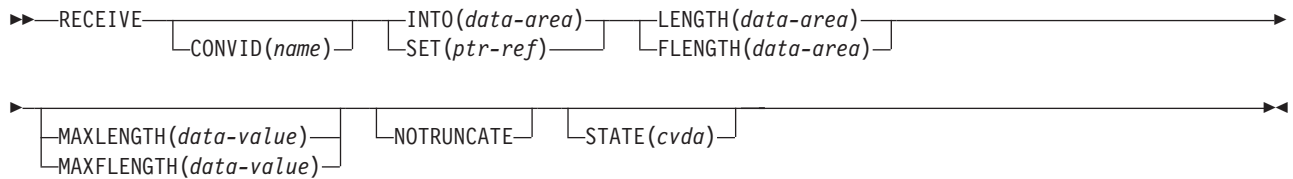


**READQ TS**



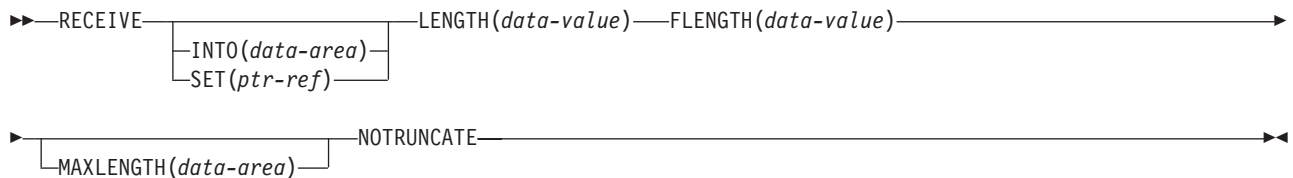
Conditions: INVREQ, IOERR, ISCINVREQ, ITEMERR, LENGERR, NOTAUTH, QIDERR, SYSIDERR

**RECEIVE (APPC)**



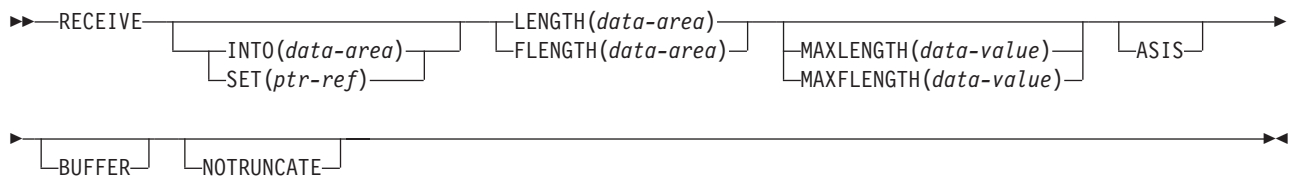
Conditions: EOC, INVREQ, LENGERR, NOTALLOC, SIGNAL, TERMERR

**RECEIVE (default)**



Conditions: INVREQ, LENGERR, NOTALLOC

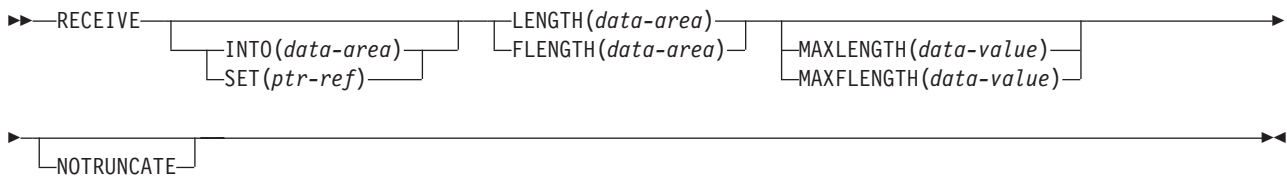
**RECEIVE (LUTYPE2/LUTYPE3)**



Conditions: EOC, INVREQ, LENGERR, TERMERR

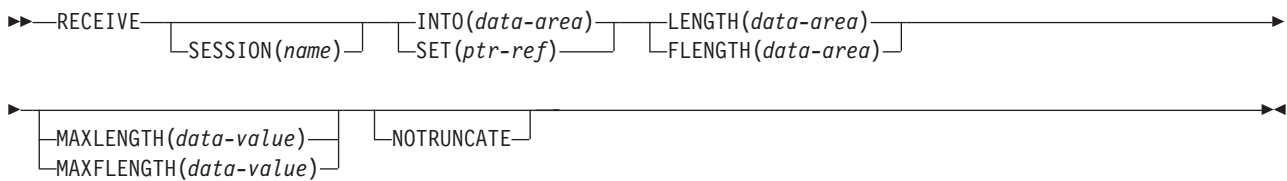
## API syntax

### RECEIVE (LUTYPE4)



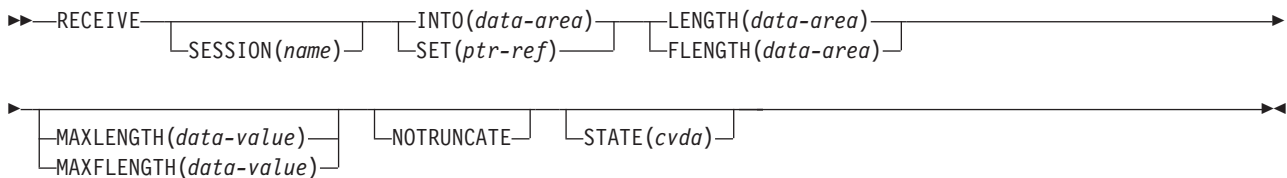
Conditions: EOC, EODS, INBFMH, INVREQ, LENGERR, SIGNAL, TERMERR

### RECEIVE (LUTYPE6.1)



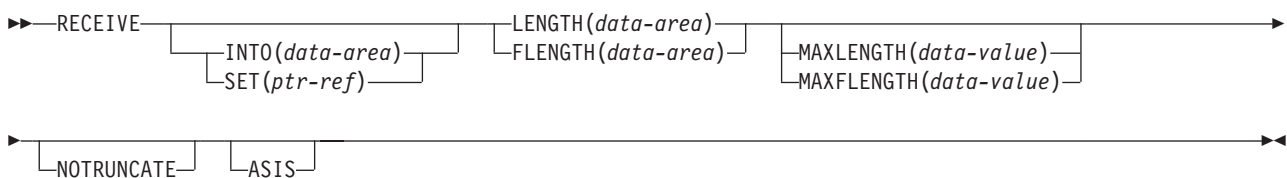
Conditions: EOC, INBFMH, INVREQ, LENGERR, NOTALLOC, SIGNAL, TERMERR

### RECEIVE (MRO)



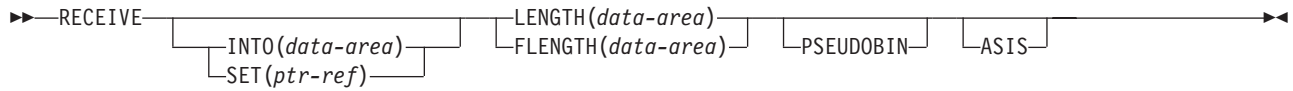
Conditions: EOC, INBFMH, INVREQ, LENGERR, NOTALLOC, TERMERR

### RECEIVE (System/3)



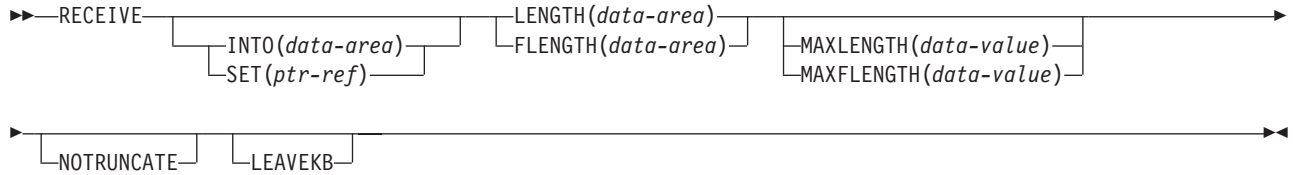
Conditions: INVREQ, LENGERR

**RECEIVE (System/7)**



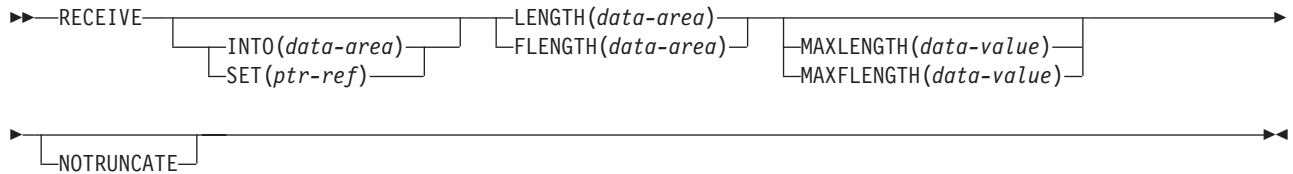
Conditions: INVREQ, LENGERR

**RECEIVE (2260)**



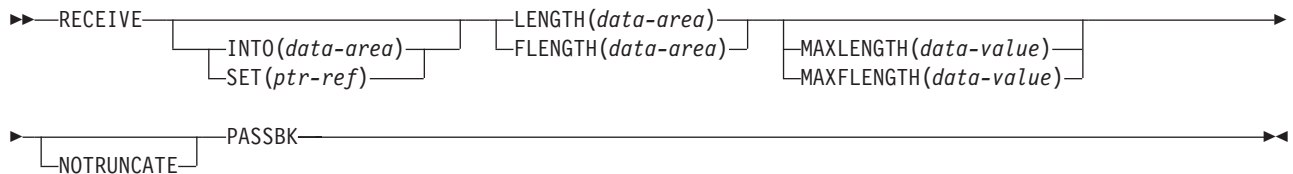
Conditions: INVREQ, LENGERR

**RECEIVE (2741)**



Conditions: INVREQ, LENGERR, RDATT

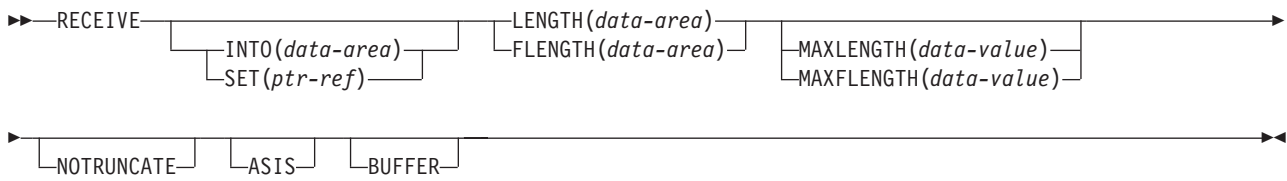
**RECEIVE (2980)**



Conditions: INVREQ, LENGERR, NOPASSBKRD

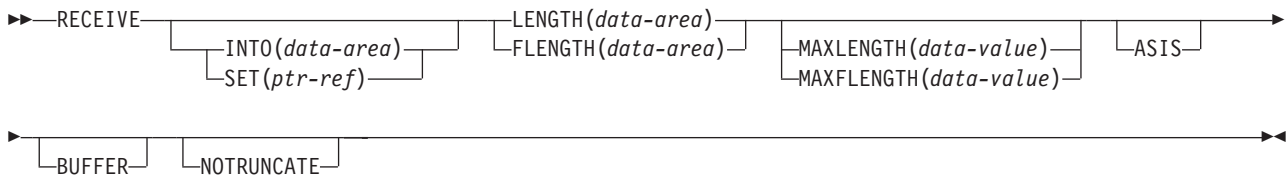
## API syntax

### RECEIVE (3270 display)



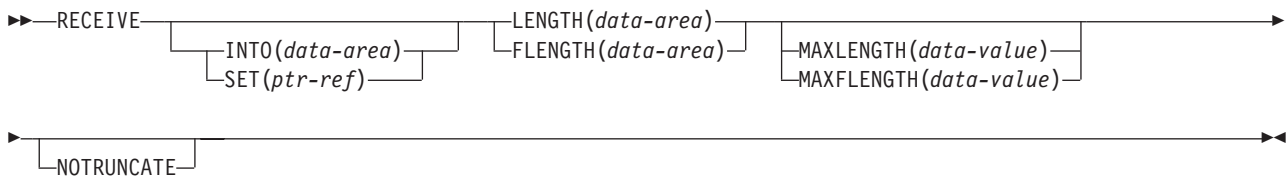
Conditions: INVREQ, LENGERR

### RECEIVE (3270 logical)



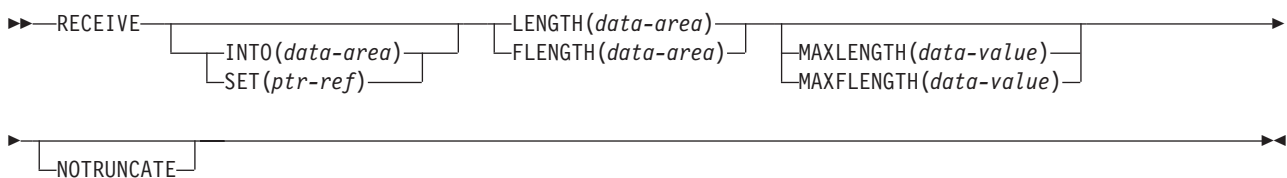
Conditions: INVREQ, LENGERR, TERMERR

### RECEIVE (3600 BTAM)

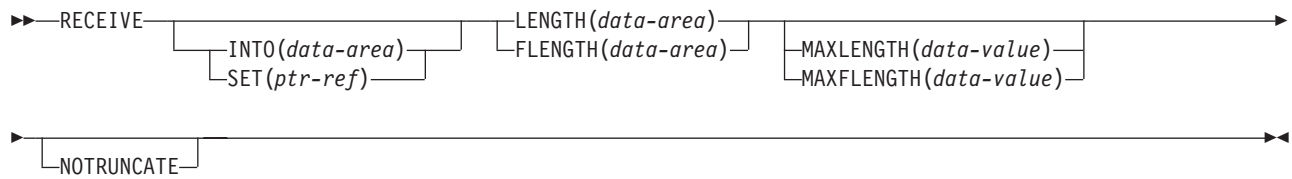


Conditions: INVREQ, LENGERR

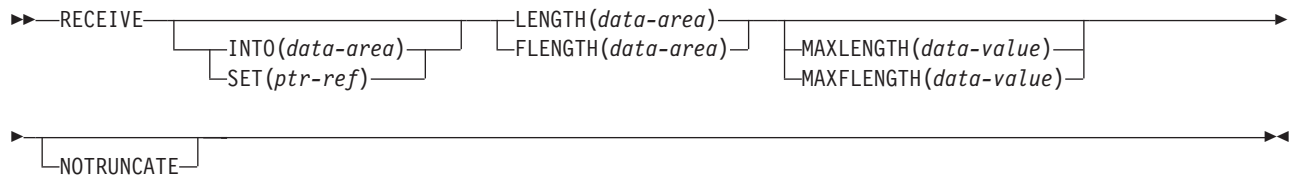
### RECEIVE (3600 pipeline)



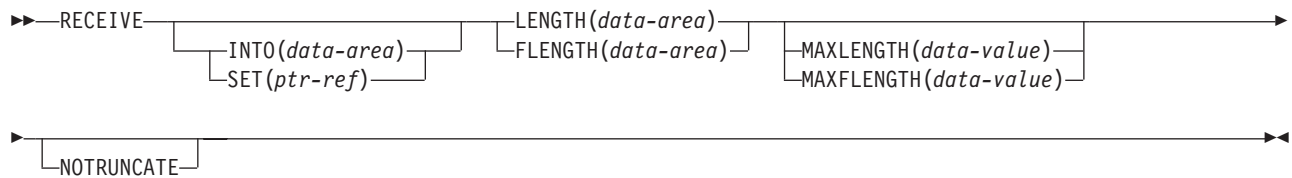
Conditions: INVREQ, LENGERR, NOTALLOC

**RECEIVE (3600-3601)**

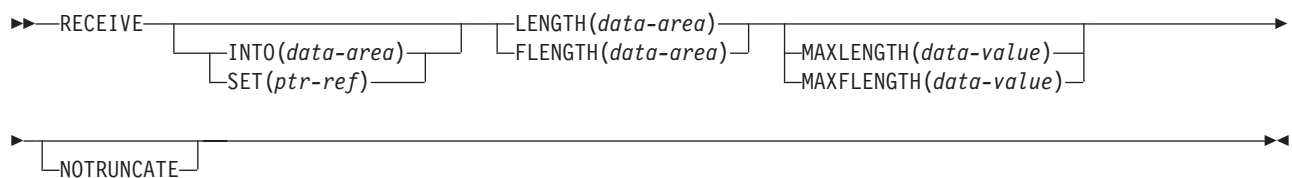
Conditions: EOC, EODS, INBFMH, INVREQ, LENGERR, SIGNAL, TERMERR

**RECEIVE (3600-3614)**

Conditions: INVREQ, LENGERR, TERMERR

**RECEIVE (3650)**

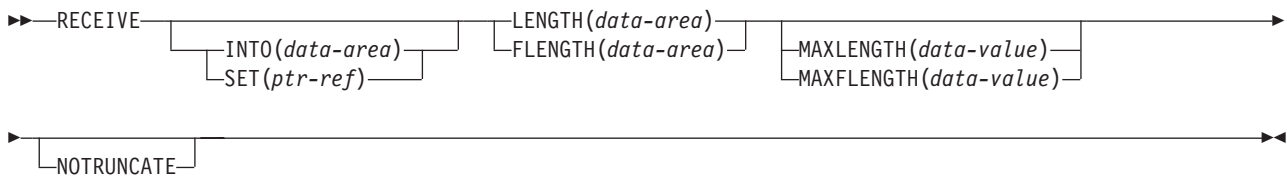
Conditions: EOC, EODS, INBFMH, INVREQ, LENGERR, TERMERR

**RECEIVE (3735)**

Conditions: EOF, INVREQ, LENGERR

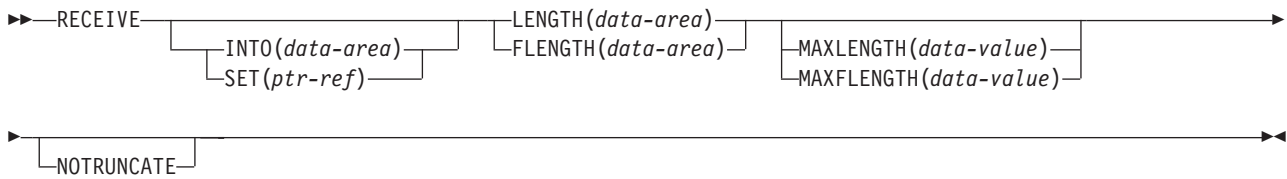
## API syntax

### RECEIVE (3740)



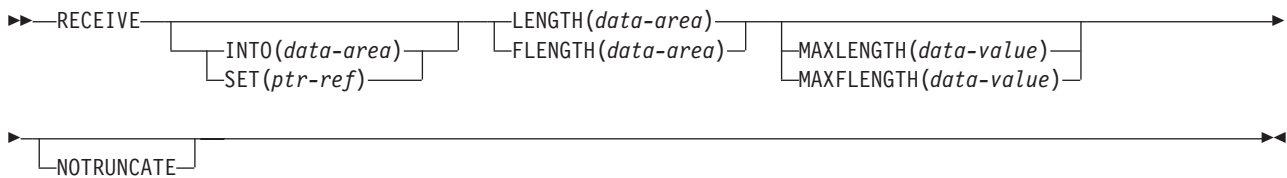
Conditions: EOF, ENDINPT, INVREQ, LENGERR

### RECEIVE (3767)



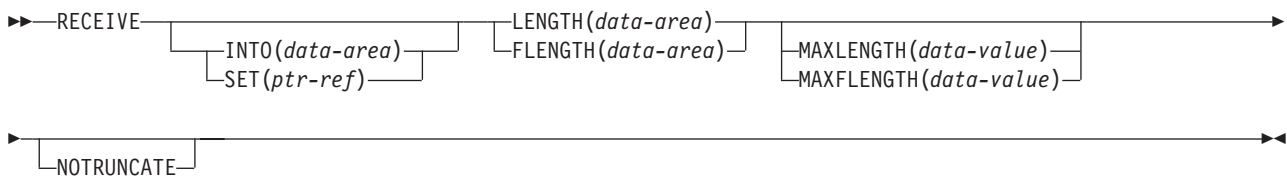
Conditions: EOC, INVREQ, LENGERR, SIGNAL, TERMERR

### RECEIVE (3770)

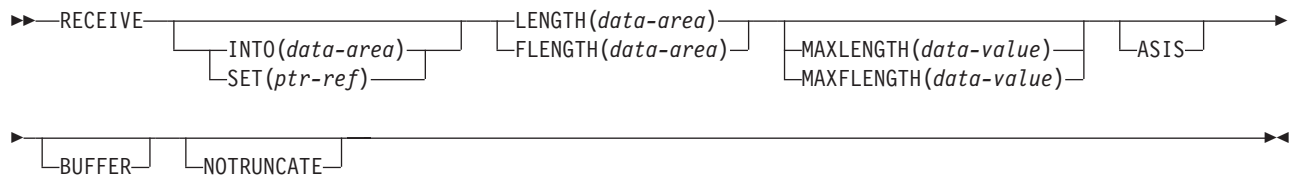


Conditions: EOC, EODS, INBFMH, INVREQ, LENGERR, SIGNAL, TERMERR

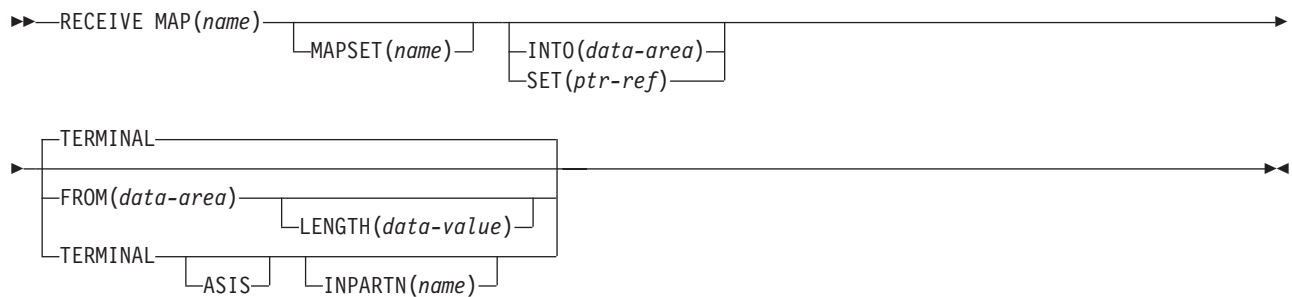
### RECEIVE (3790 full-function or inquiry)



Conditions: EOC, EODS, INBFMH, INVREQ, LENGERR, SIGNAL, TERMERR

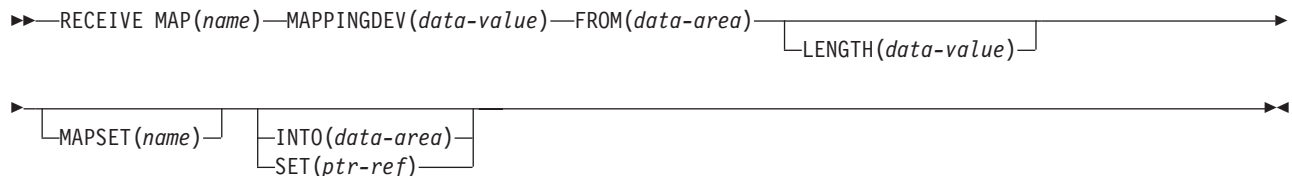
**RECEIVE (3790 3270-display)**

Conditions: INVREQ, LENGERR, TERMERR

**RECEIVE MAP**

Conditions: EOC, EODS, INVMPsz, INVpartN, INVREQ, MAPFAIL, PARTNFAIL, RDATT, UNEXPIN

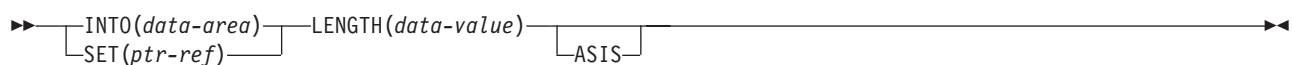
Note: INPARTN is supported by Standard and full BMS

**RECEIVE MAP MAPPINGDEV**

Conditions: INVMPsz, INVREQ, MAPFAIL,

**RECEIVE PARTN**

Standard and full BMS:

**RECEIVE PARTN**

Conditions: EOC, EODS, INVpartN, INVREQ, LENGERR

## API syntax

### RELEASE

▶▶—RELEASE—PROGRAM(*name*)—

Conditions: INVREQ, NOTAUTH, PGMIDERR

### RESETBR

▶▶—RESETBR—FILE(*filename*)—RIDFLD(*data-area*)—  
KEYLENGTH(*data-value*)—  
GENERIC—  
GTEQ—  
REQID(*data-value*)—SYSID(*systemname*)—EQUAL—  
RBA—  
RRN—

Conditions: FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCINVREQ, NOTAUTH, NOTFND, SYSIDERR

### RETRIEVE

▶▶—RETRIEVE—INTO(*data-area*)—  
SET(*ptr-ref*)—LENGTH(*data-area*)—RTRANSID(*data-area*)—  
RTERMID(*data-area*)—QUEUE(*data-area*)—WAIT—

Conditions: ENDDATA, ENVDEFERR, INVREQ, IOERR, LENGERR, NOTFND

### RETURN

▶▶—RETURN—TRANSID(*name*)—  
commarea—IMMEDIATE—  
INPUTMSG(*data-area*)—INPUTMSGLEN(*data-value*)—ENDACTIVITY—

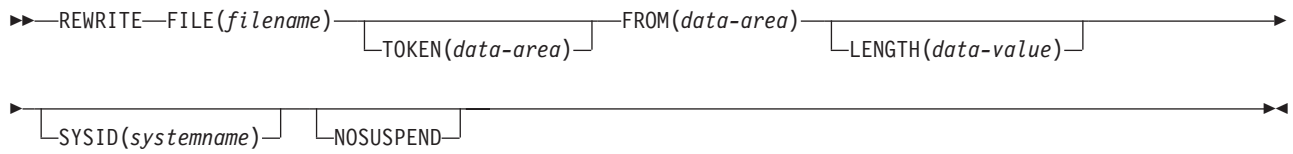
### commarea:

—COMMAREA(*data-area*)—  
LENGTH(*data-value*)—

Conditions: INVREQ, LENGERR

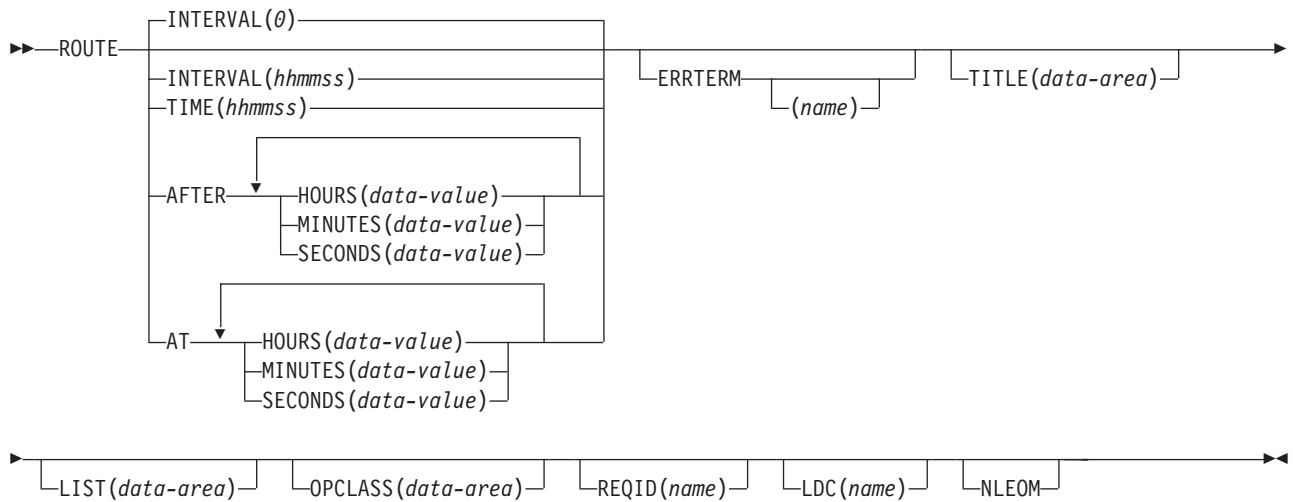


**REWRITE**



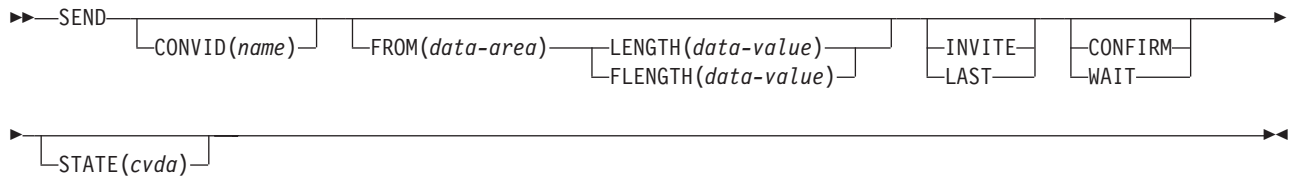
**Conditions:** CHANGED, DUPREC, FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCINVREQ, LENGERR, LOCKED, NOSPACE, NOTAUTH, NOTFND, RECORDBUSY, SYSIDERR

**ROUTE**



**Conditions:** IGREQID, INVERRTERM, INVLDC, INVREQ, RTEFAIL, RTESOME

**SEND (APPC)**



**Conditions:** INVREQ, LENGERR, NOTALLOC, SIGNAL, TERMERR

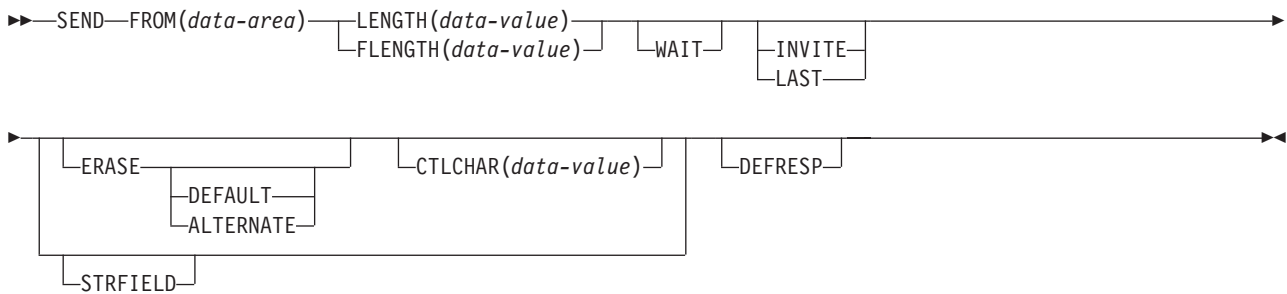
**SEND (default)**



**Conditions:** INVREQ, LENGERR, NOTALLOC

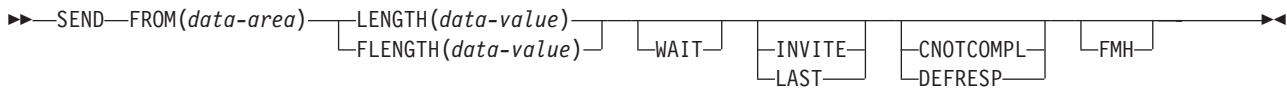
## API syntax

### SEND (LUTYPE2/LUTYPE3)



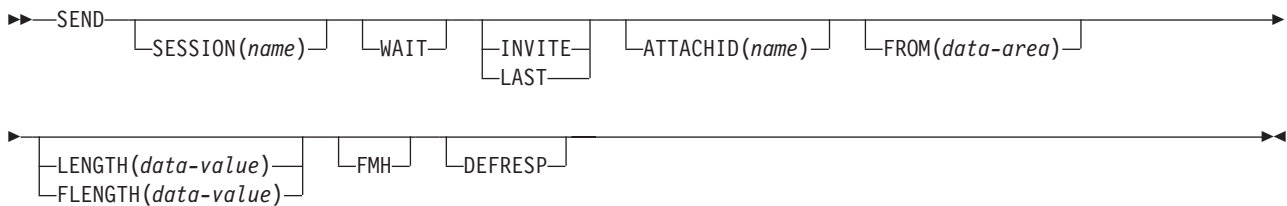
Conditions: INVREQ, LENGERR, TERMERR

### SEND (LUTYPE4)



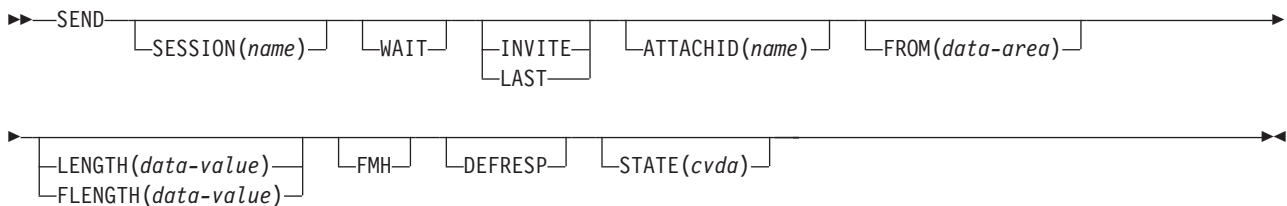
Conditions: INVREQ, IGREQCD, LENGERR, SIGNAL, TERMERR

### SEND (LUTYPE6.1)

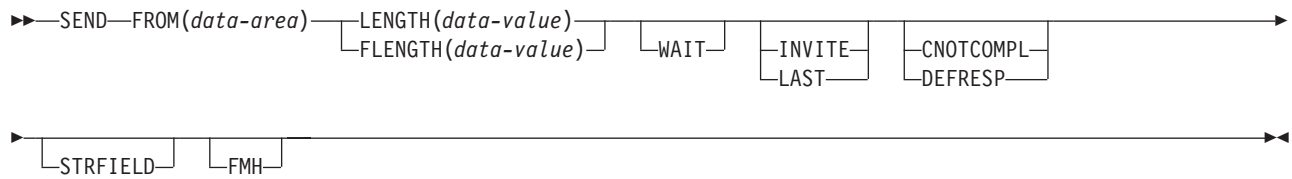


Conditions: CBIDERR, INVREQ, LENGERR, NOTALLOC, SIGNAL, TERMERR

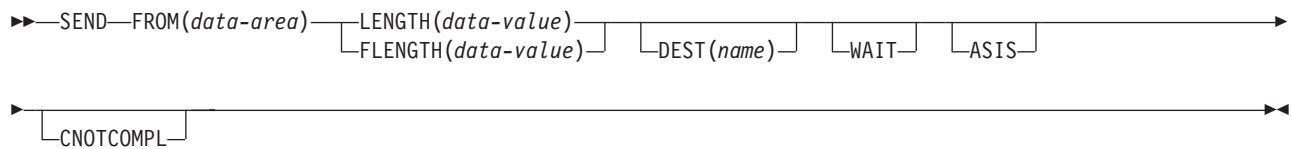
### SEND (MRO)



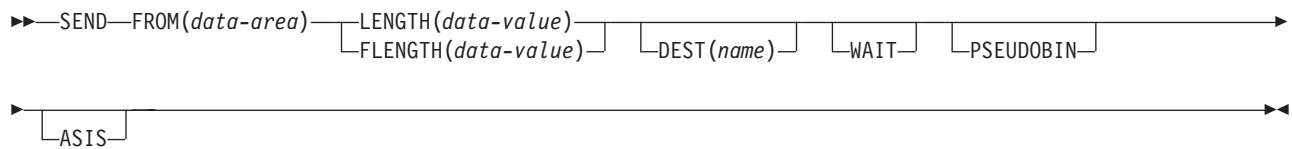
Conditions: CBIDERR, INVREQ, LENGERR, NOTALLOC, TERMERR

**SEND (SCS)**

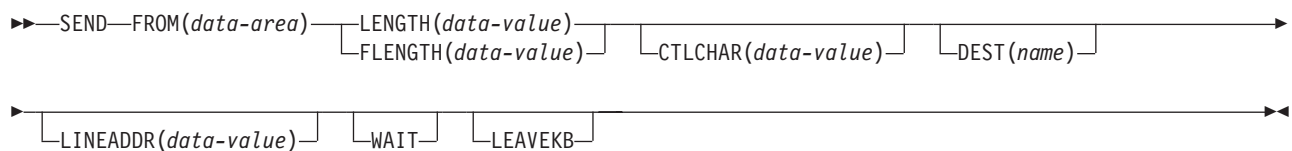
Conditions: INVREQ, LENGERR, TERMERR

**SEND (System/3)**

Conditions: INVREQ, LENGERR

**SEND (System/7)**

Conditions: INVREQ, LENGERR

**SEND (2260)**

Conditions: INVREQ, LENGERR

**SEND (2741)**

Conditions: INVREQ, LENGERR, WRBRK

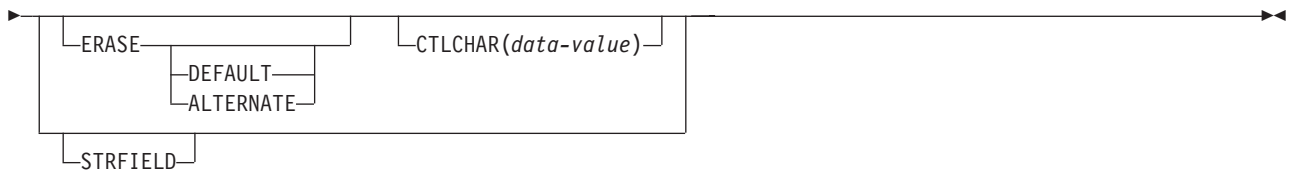
## API syntax

### SEND (2980)



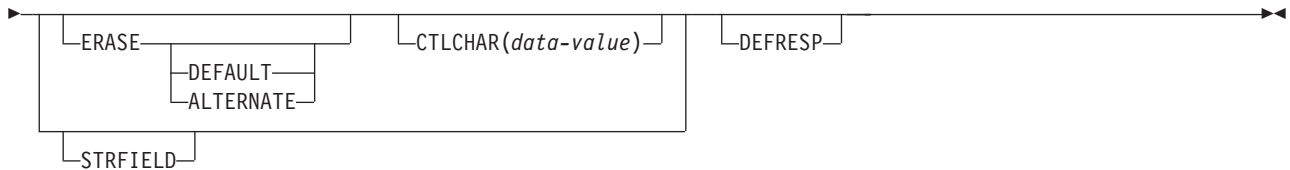
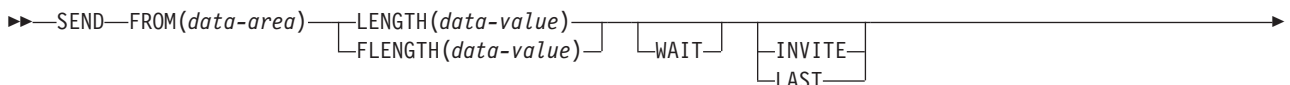
Conditions: INVREQ, LENGERR, NOPASSBKWR

### SEND (3270 display)



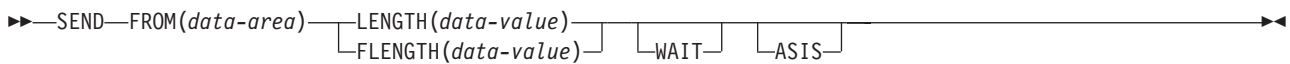
Conditions: INVREQ, LENGERR

### SEND (3270 logical)



Conditions: INVREQ, LENGERR, TERMERR

### SEND (3600 BTAM)

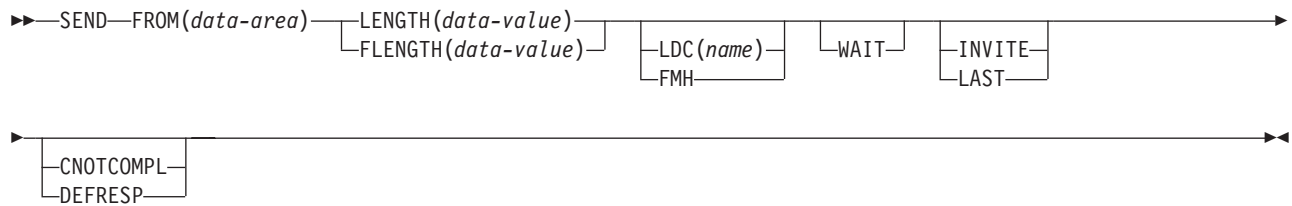


Conditions: INVREQ, LENGERR

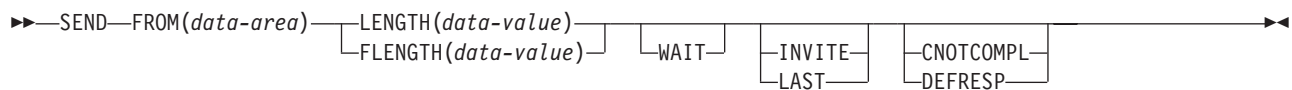
### SEND (3600 pipeline)



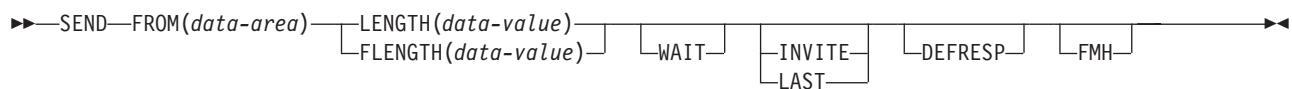
Conditions: INVREQ, LENGERR, TERMERR

**SEND (3600-3601)**

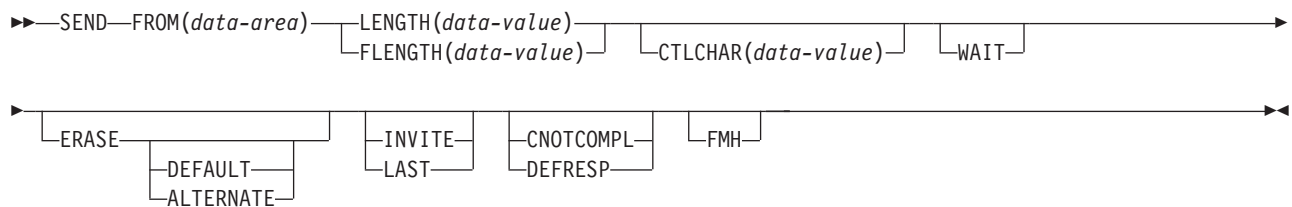
Conditions: INVREQ, LENGERR, SIGNAL, TERMERR

**SEND (3600-3614)**

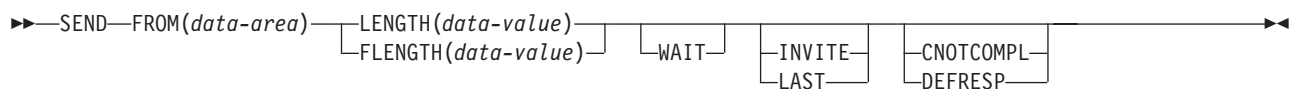
Conditions: INVREQ, LENGERR, TERMERR

**SEND (3650 interpreter)**

Conditions: INVREQ, LENGERR, TERMERR

**SEND (3650-3270)**

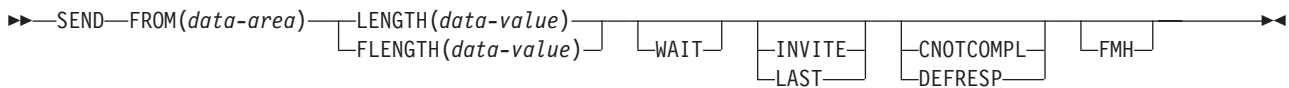
Conditions: INVREQ, LENGERR, TERMERR

**SEND (3650-3653)**

Conditions: INVREQ, LENGERR, TERMERR

## API syntax

### SEND (3650-3680)



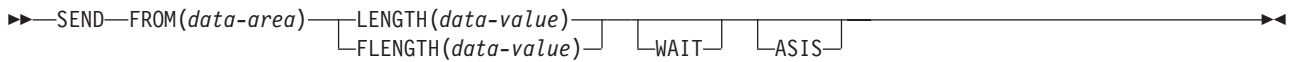
Conditions: INVREQ, LENGERR, TERMERR

### SEND (3735)



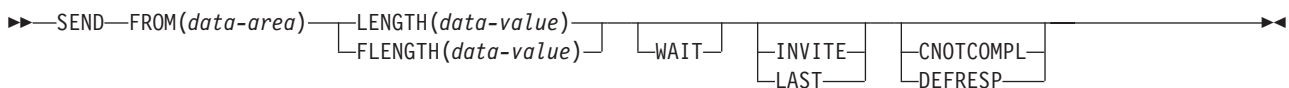
Conditions: INVREQ, LENGERR

### SEND (3740)



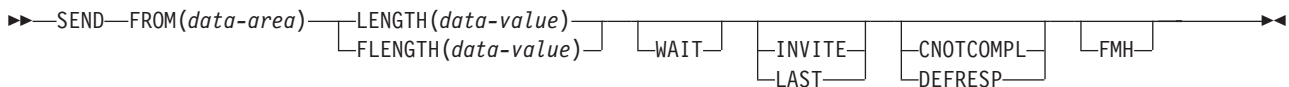
Conditions: INVREQ, LENGERR

### SEND (3767)



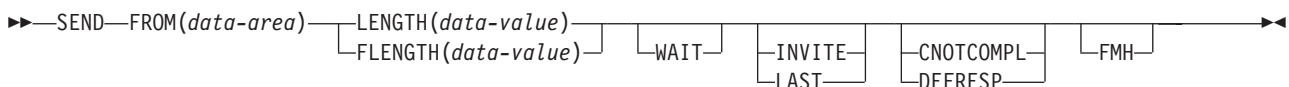
Conditions: INVREQ, LENGERR, SIGNAL, TERMERR

### SEND (3770)



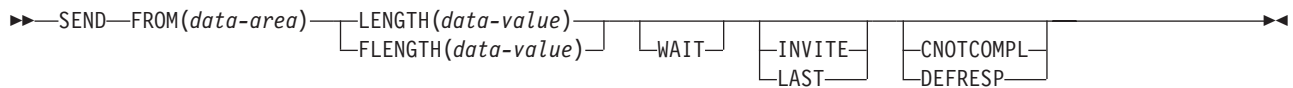
Conditions: INVREQ, LENGERR, SIGNAL, TERMERR

### SEND (3790 full-function or inquiry)



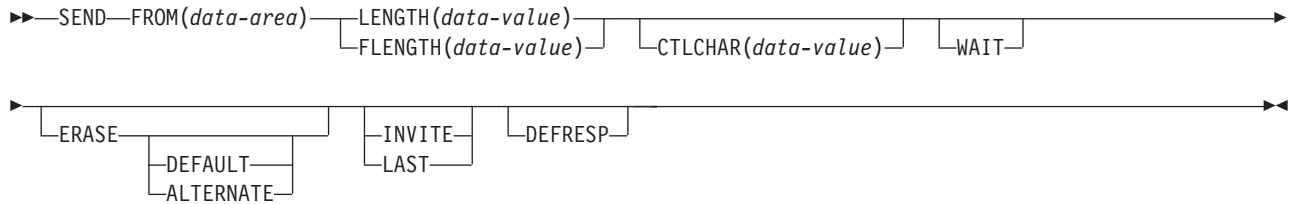
Conditions: INVREQ, LENGERR, SIGNAL, TERMERR

**SEND (3790 SCS)**



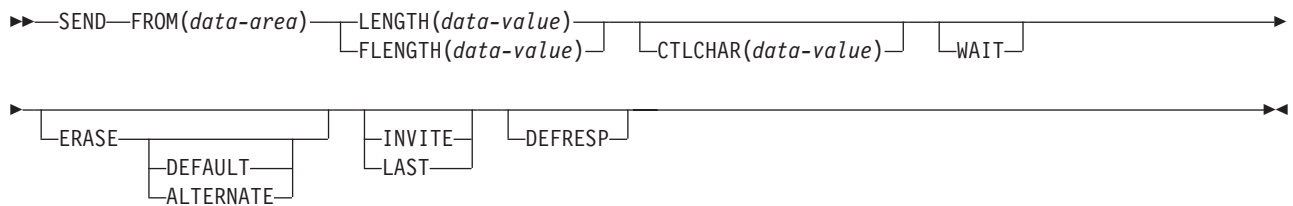
Conditions: INVREQ, LENGERR, TERMERR

**SEND (3790 3270-display)**



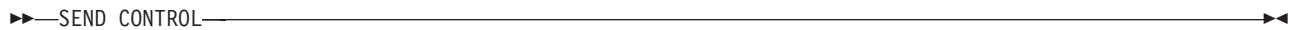
Conditions: INVREQ, LENGERR, TERMERR

**SEND (3790 3270-printer)**



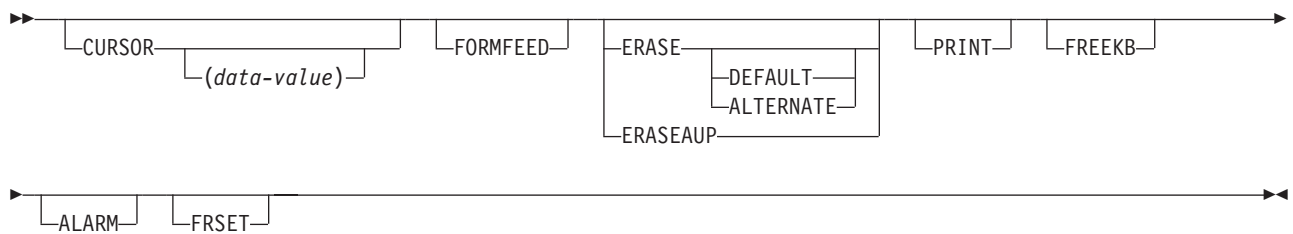
Conditions: INVREQ, LENGERR, TERMERR

**SEND CONTROL**



Minimum BMS:

**SEND CONTROL**



Standard BMS:

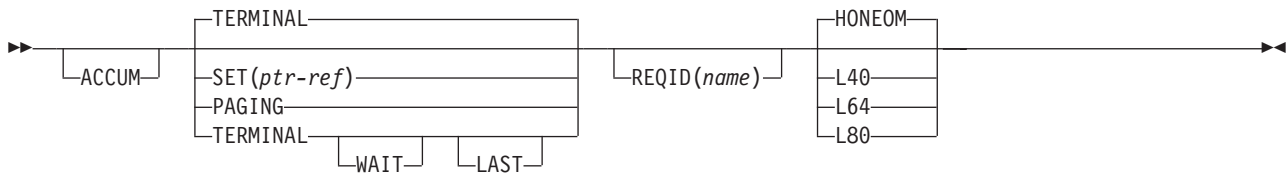
## API syntax

### SEND CONTROL



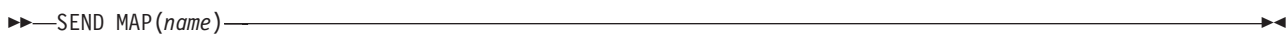
Full BMS:

### SEND CONTROL



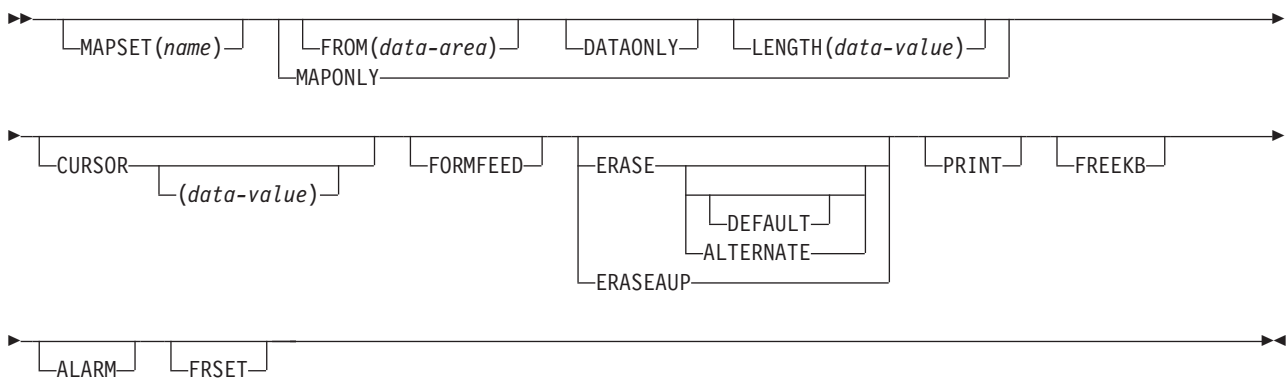
Conditions: IGREQCD, IGREQID, INVLDC, INVPARTN, INVREQ, RETPAGE, TSIOERR, WRBRK

### SEND MAP



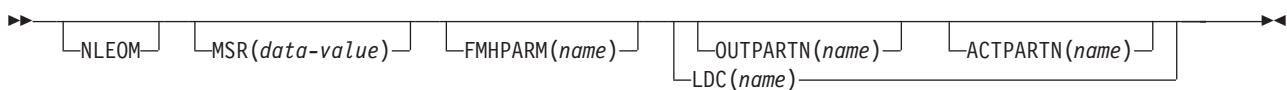
Minimum BMS:

### SEND MAP



Standard BMS:

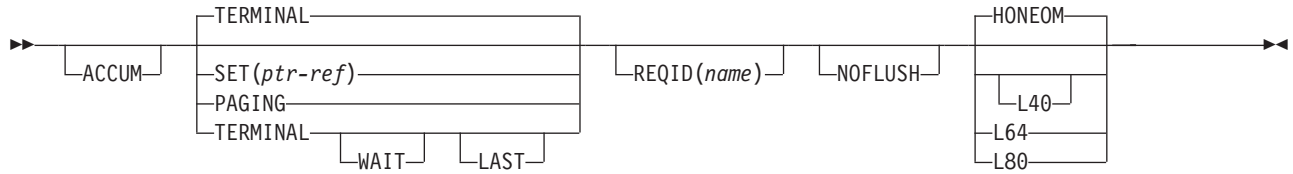
### SEND MAP



Full BMS:



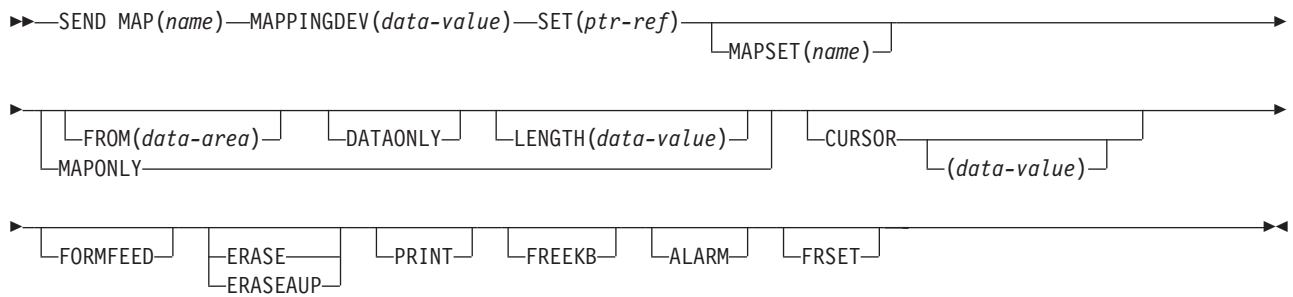
**SEND MAP**



**Conditions:** IGREQCD, IGREQID, INVLDC, INVMPSZ, INVPARTN, INVREQ, OVERFLOW, RETPAGE, TSOERR, WRBRK

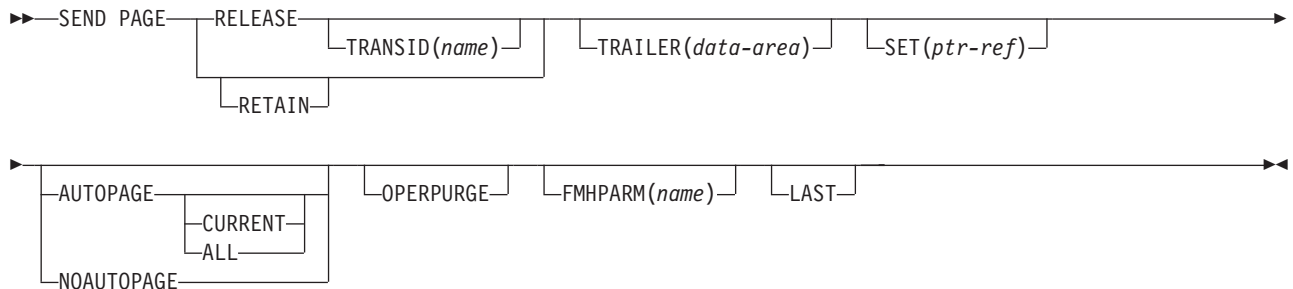
Minimum BMS:

**SEND MAP**



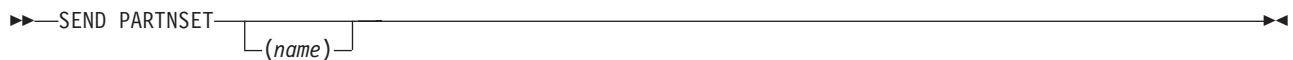
**Conditions:** INVMPSZ, INVREQ

**SEND PAGE**



**Conditions:** IGREQCD, INVREQ, RETPAGE, TSOERR, WRBRK

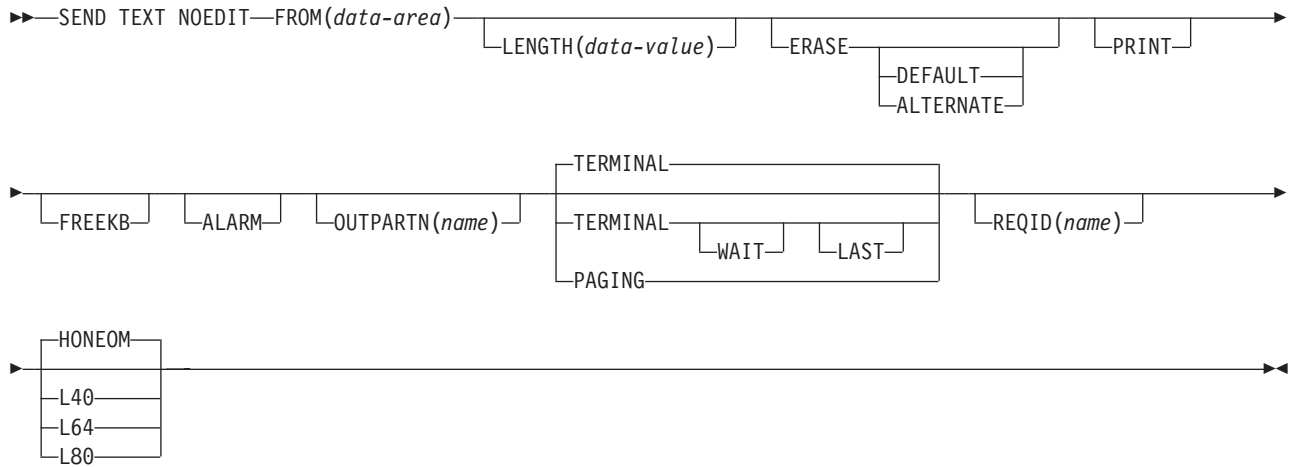
**SEND PARTNSET**



**Conditions:** INVPARTNSET, INVREQ



**SEND TEXT NOEDIT**



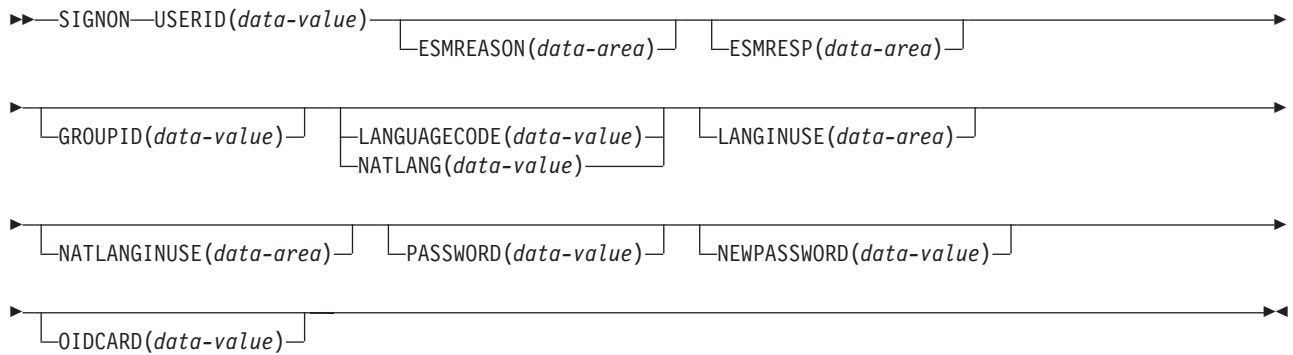
**Conditions:** IGREQCD, IGREQID, INVREQ, INVPARTN, TSOERR, WRBRK

**SIGNOFF**



**Condition:** INVREQ

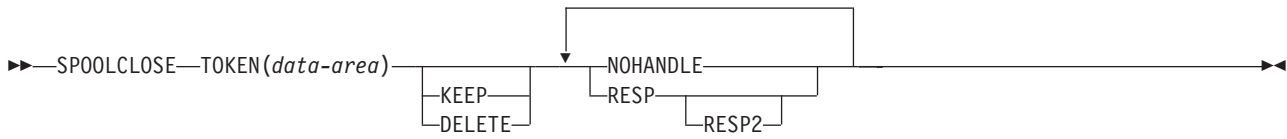
**SIGNON**



**Conditions:** INVREQ, NOTAUTH, USERIDERR

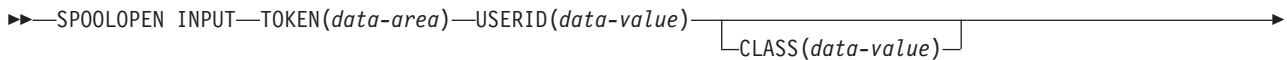
## API syntax

### SPOOLCLOSE TOKEN



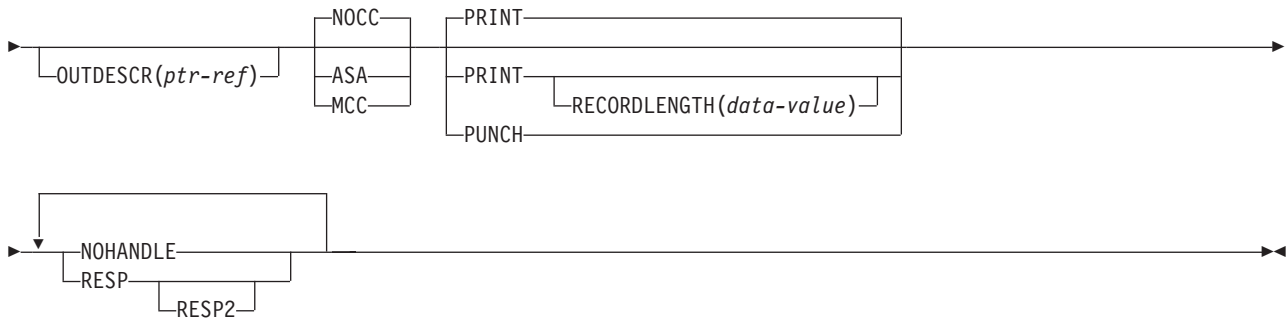
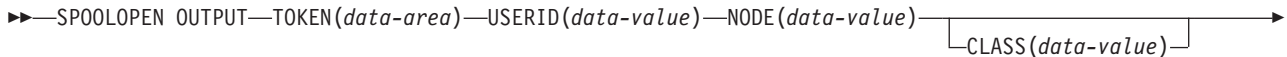
**Conditions:** ALLOCERR, INVREQ, NOSPOOL, NOSTG, NOTFND, NOTOPEN, STRELERR

### SPOOLOPEN INPUT



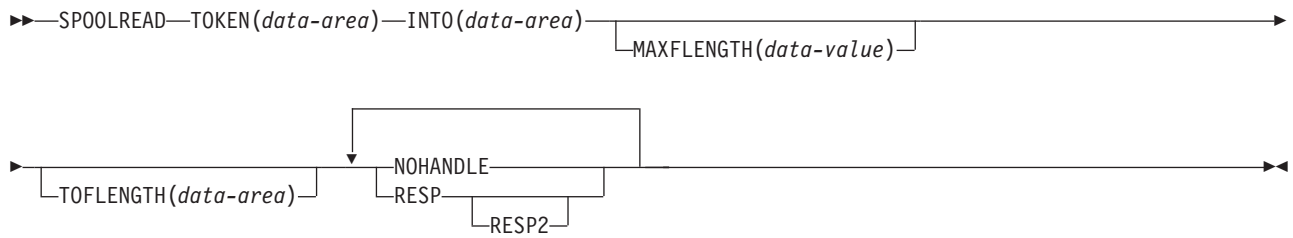
**Conditions:** ALLOCERR, ILOGIC, INVREQ, NOSPOOL, NOSTG, NOTAUTH, NOTFND, NOTOPEN, OPENERR, SPOLBUSY, SPOLERR, STRELERR

### SPOOLOPEN OUTPUT



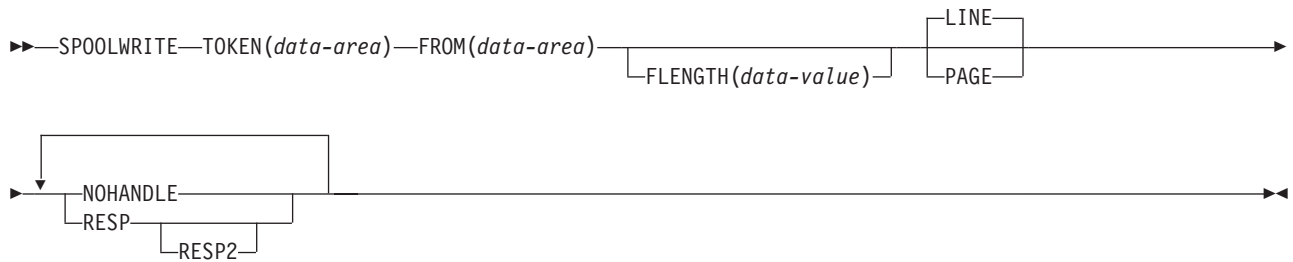
**Conditions:** ALLOCERR, ILOGIC, INVREQ, LENGERR, NODEIDERR, NOSPOOL, NOSTG, NOTFND, NOTOPEN, OPENERR, OUTDESCERR, SPOLBUSY, STRELERR

**SPOOLREAD**



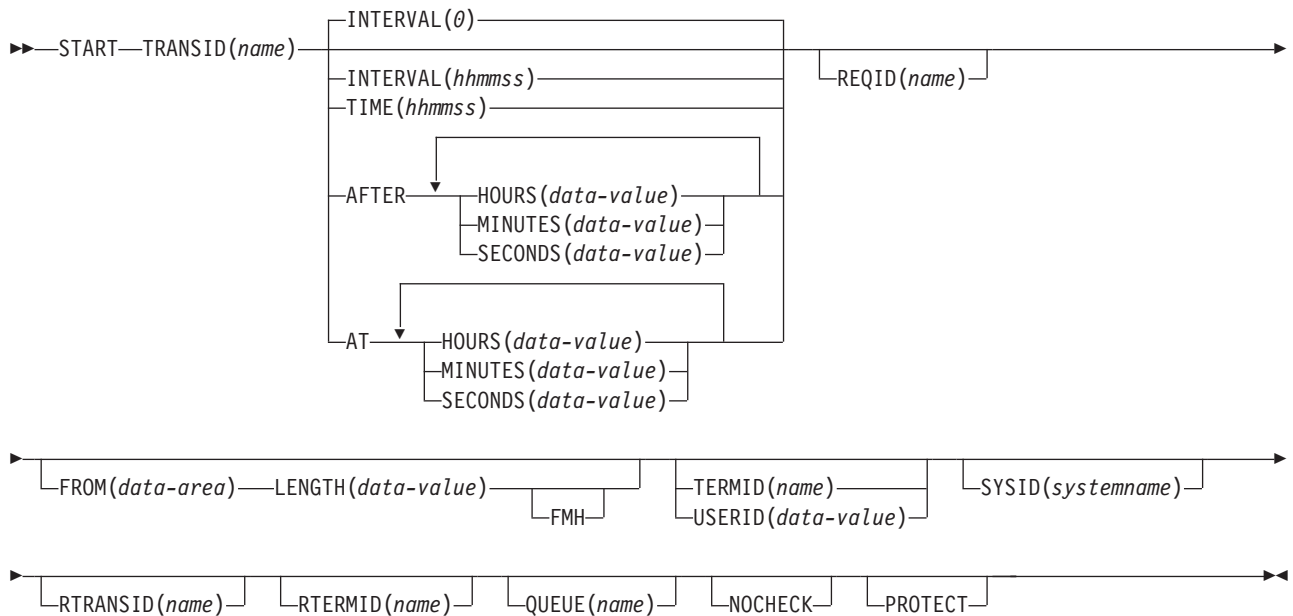
**Conditions:** ALLOCERR, ENDFILE, ILLOGIC, INVREQ, LENGERR, NOSPOOL, NOSTG, NOTFND, NOTOPEN, SPOLBUSY, SPOLERR, STRELERR

**SPOOLWRITE**



**Conditions:** ALLOCERR, INVREQ, LENGERR, NOSPOOL, NOSTG, NOTOPEN, SPOLBUSY, SPOLERR, STRELERR

**START**



**Conditions:** INVREQ, IOERR, ISCINVREQ, LENGERR, NOTAUTH, SYSIDERR, TERMIDERR, TRANSIDERR, USERIDERR

## API syntax

### START ATTACH

▶▶—START ATTACH—TRANSID(*name*)—  
└──FROM(*data-area*)—LENGTH(*data-value*)—

Conditions: INVREQ, LENGERR, NOTAUTH, TRANSIDERR

### START BREXIT

▶▶—START—BREXIT—TRANSID(*name*)—  
└──BREXIT(*name*)—└──BRDATA(*data-area*)—BRDATALENGTH(*data-value*)—

▶──USERID(*data-value*)—

Conditions: INVREQ, LENGERR, NOTAUTH, PGMIDERR, TRANSIDERR, USERIDERR

### STARTBR

▶▶—STARTBR—FILE(*filename*)—RIDFLD(*data-area*)—  
└──KEYLENGTH(*data-value*)—└──GENERIC—

▶──REQID(*data-value*)—└──SYSID(*systemname*)—

└──RBA—	└──GTEQ—
└──RRN—	└──EQUAL—
└──DEBKEY—	
└──DEBREC—	

Conditions: DISABLED, FILENOTFOUND, ILOGIC, INVREQ, IOERR, ISCINVREQ, LOADING, NOTAUTH, NOTFND, NOTOPEN, SYSIDERR

### SUSPEND

▶▶—SUSPEND—

### SYNCPOINT

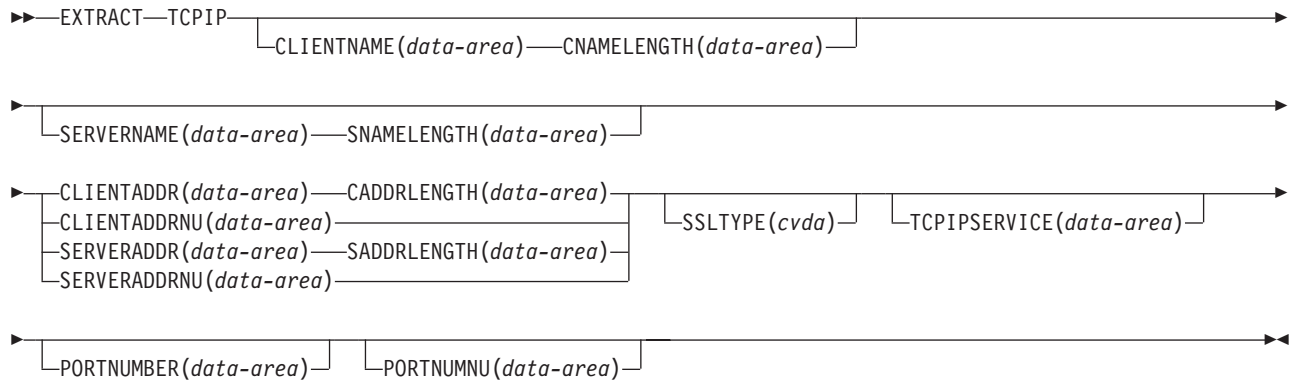
▶▶—SYNCPOINT—

Conditions: INVREQ, ROLLEDBACK

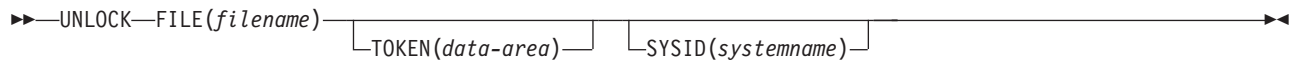
### SYNCPOINT ROLLBACK

▶▶—SYNCPOINT—ROLLBACK—

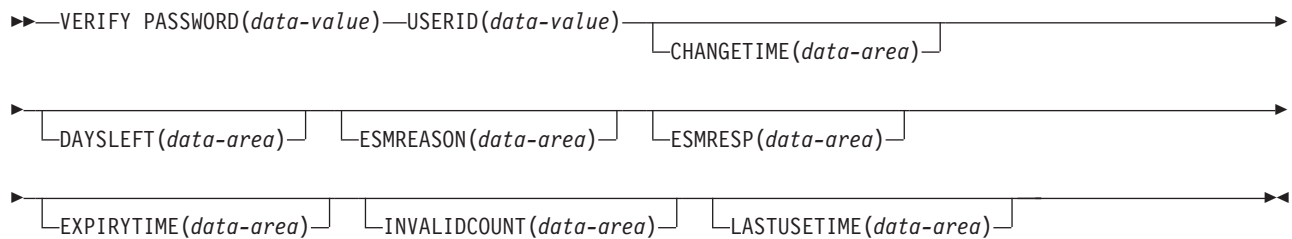
Condition: INVREQ

**EXTRACT TCPIP**

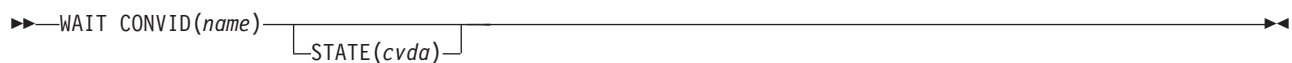
**Conditions:** INVREQ, LENGERR

**UNLOCK**

**Conditions:** DISABLED, FILENOTFOUND, ILOGIC, INVREQ, IOERR, ISCINVREQ, NOTAUTH, NOTOPEN, SYSIDERR

**VERIFY PASSWORD**

**Conditions:** INVREQ, NOTAUTH, USERIDERR

**WAIT CONVID (APPC)**

**Conditions:** INVREQ, NOTALLOC

## API syntax

### WAIT EVENT

▶▶—WAIT EVENT—ECADDR(*ptr-value*)—  
└─NAME(*name*)—┘

Condition: INVREQ

### WAIT EXTERNAL

▶▶—WAIT EXTERNAL—ECBLIST(*ptr-value*)—NUMEVENTS(*data-value*)—  
┌─PURGEABLE—┐  
┌─PURGEABILITY(*cvda*)—┐  
└─NOTPURGEABLE—┘ └─NAME(*name*)—┘

Condition: INVREQ

### WAIT JOURNALNAME

▶▶—WAIT JOURNALNAME(*data-value*)—  
└─REQID(*data-value*)—┘

Conditions: INVREQ, IOERR, JIDERR, NOTOPEN

### WAIT SIGNAL

▶▶—WAIT SIGNAL—

Conditions: NOTALLOC, SIGNAL, TERMERR

### WAIT TERMINAL

▶▶—WAIT TERMINAL—  
┌─CONVID(*name*)—┐  
└─SESSION(*name*)—┘

Conditions: INVREQ, NOTALLOC, SIGNAL

### WAITCICS

▶▶—WAITCICS—ECBLIST(*ptr-value*)—NUMEVENTS(*data-value*)—  
┌─PURGEABLE—┐  
┌─PURGEABILITY(*cvda*)—┐  
└─NOTPURGEABLE—┘ └─NAME(*name*)—┘

Condition: INVREQ



**WEB ENDBROWSE**

▶▶—WEB—ENDBROWSE—HTTPHEADER—▶▶

Conditions: INVREQ

**WEB ENDBROWSE FORMFIELD**

▶▶—WEB—ENDBROWSE—FORMFIELD—▶▶

Conditions: INVREQ

**WEB EXTRACT**

▶▶—WEB—EXTRACT—  
                                   └─HTTPMETHOD(*data-area*)—METHODLENGTH(*data-area*)—┘  
 └─HTTPVERSION(*data-area*)—VERSIONLEN(*data-area*)—┘   └─PATH(*data-area*)—PATHLENGTH(*data-area*)—┘  
 ▶—REQUESTTYPE(*cvda*)—▶▶

Conditions: INVREQ, LENGERR

**WEB READ**

▶▶—WEB—READ—HTTPHEADER(*data-area*)—NAMELENGTH(*data-value*)—VALUE(*data-area*)—▶▶  
 ▶—VALUELENGTH(*data-area*)—▶▶

Conditions: INVREQ, LENGERR, NOTFND

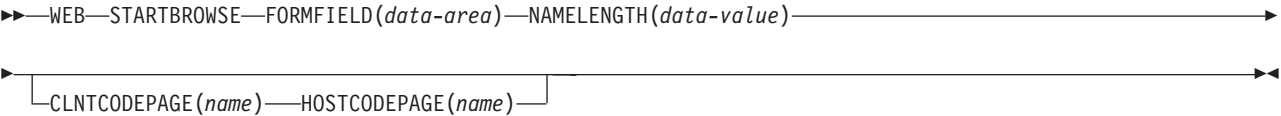
**WEB READ FORMFIELD**

▶▶—WEB—READ—FORMFIELD(*data-area*)—NAMELENGTH(*data-value*)—  
   └─VALUE(*data-area*)—  
   └─SET(*ptr\_ref*)—┘  
 ▶—VALUELENGTH(*data-area*)—  
   └─CLNTCODEPAGE(*name*)—HOSTCODEPAGE(*name*)—┘  
 ▶▶

Conditions: INVREQ, LENGERR, NOTFND

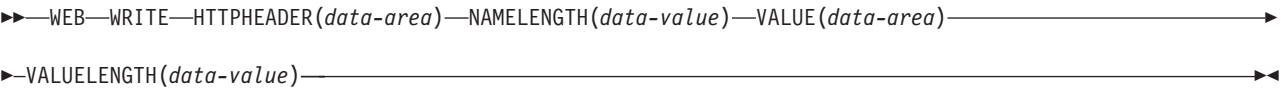


**WEB STARTBROWSE FORMFIELD**



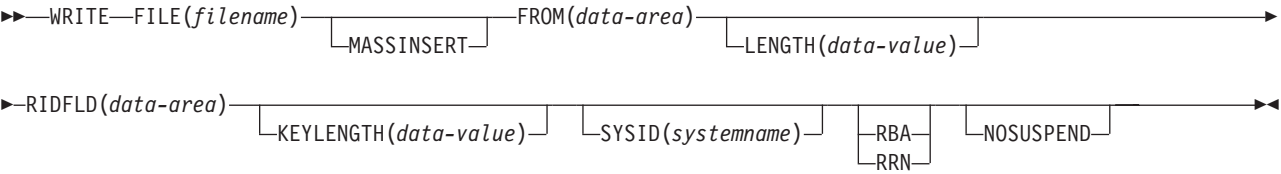
**Conditions:** INVREQ

**WEB WRITE**



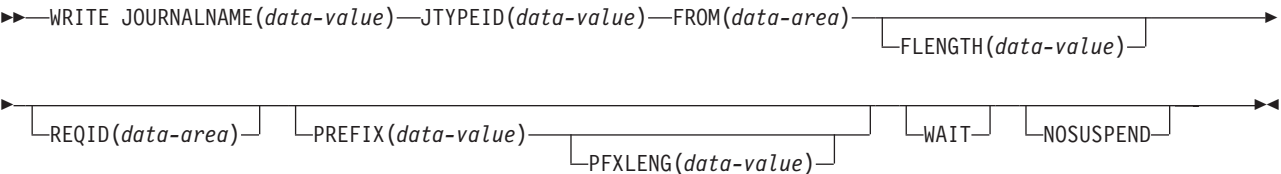
**Conditions:** INVREQ

**WRITE**



**Conditions:** DISABLED, DUPREC, FILENOTFOUND, ILLOGIC, INVREQ, IOERR, ISCINVREQ, LENGERR, LOADING, LOCKED, NOSPACE, NOTAUTH, NOTOPEN, RECORDBUSY, SUPPRESSED, SYSIDERR

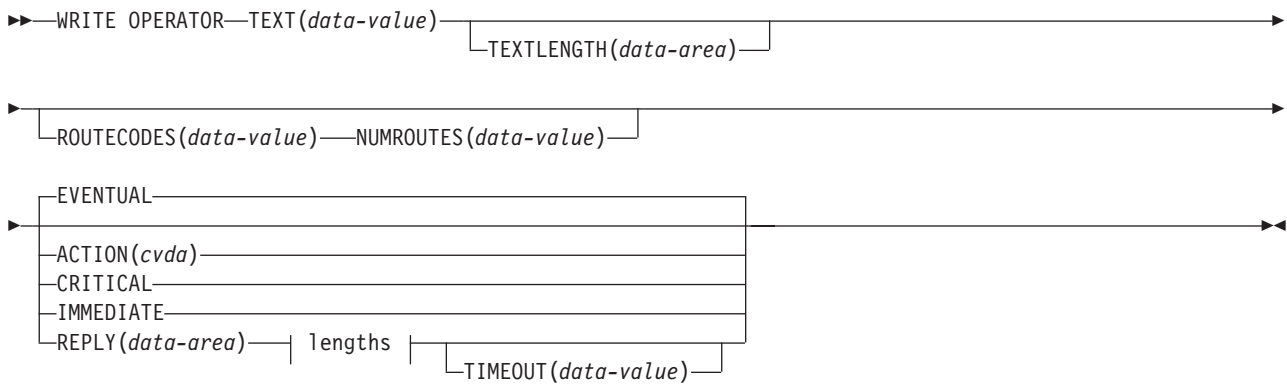
**WRITE JOURNALNAME**



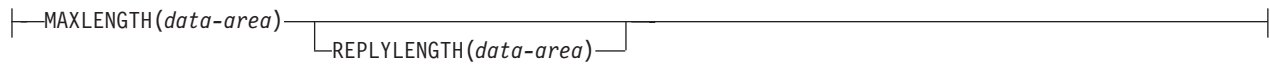
**Conditions:** INVREQ, IOERR, JIDERR, LENGERR, NOJBUFSP, NOTAUTH, NOTOPEN

## API syntax

### WRITE OPERATOR

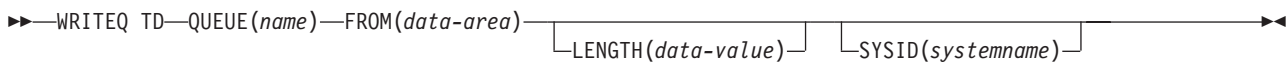


#### lengths:



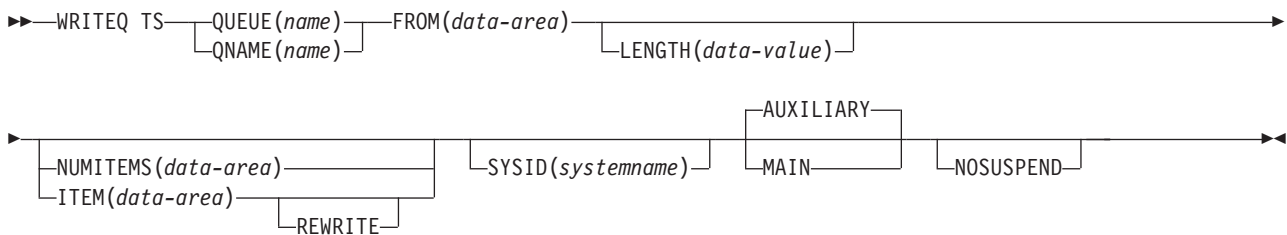
**Conditions:** EXPIRED, INVREQ, LENGERR

### WRITEQ TD



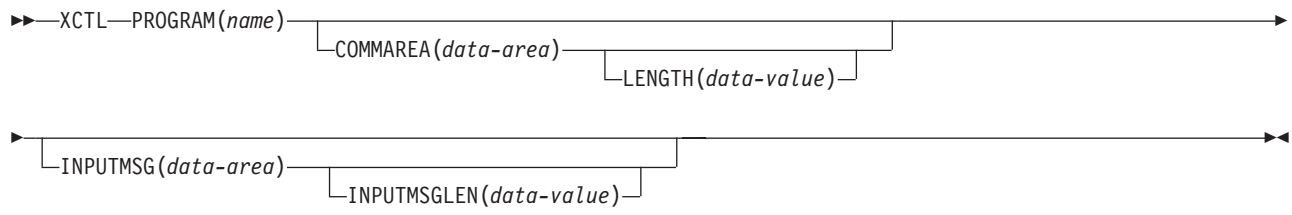
**Conditions:** DISABLED, INVREQ, IOERR, ISCINVREQ, LENGERR, LOCKED, NOSPACE, NOTAUTH, NOTOPEN, QIDERR, SYSIDERR

### WRITEQ TS



**Conditions:** INVREQ, IOERR, ISCINVREQ, ITEMERR, LENGERR, LOCKED, NOSPACE, NOTAUTH, QIDERR, SYSIDERR

## XCTL



**Conditions:** INVREQ, LENGERR, NOTAUTH, PGMIDERR

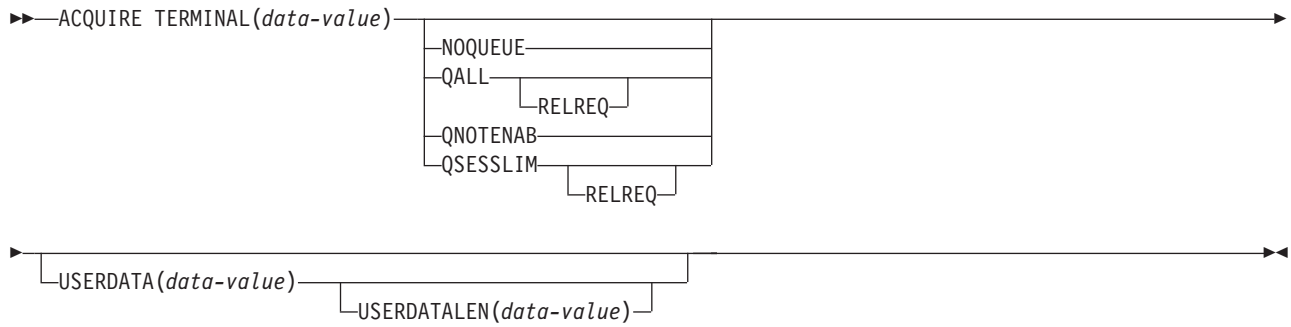


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## Chapter 2. SPI command syntax

This chapter contains General-use Programming Interface information.

### ACQUIRE TERMINAL



**Conditions:** INVREQ, LENGERR, NOTAUTH, TERMIDERR

## SPI syntax

### COLLECT STATISTICS

►► COLLECT STATISTICS SET(*ptr-ref*) | COL2 | | COL7 |

#### COL7

AUTOINSTALL
COL8
DB2CONN
COL9
DISPATCHER
ENQUEUE
FILE( <i>data-value</i> )
JOURNALNAME( <i>data-value</i> )
JOURNALNUM( <i>data-value</i> )
LSRPOOL( <i>data-value</i> )
MONITOR
( <i>data-value</i> )
NODE( <i>data-value</i> ) TARGET( <i>data-value</i> )
POOL( <i>data-value</i> ) TARGET( <i>data-value</i> )
PROGAUTO
PROGRAM
( <i>data-value</i> )
RECOVERY
STORAGE
( <i>data-value</i> )
STREAMNAME( <i>data-value</i> )
SYSDUMPCODE
( <i>data-value</i> )
TABLEMGR
TCLASS( <i>data-value</i> )
TCPIPSERVICE( <i>data-value</i> )
TDQUEUE
( <i>data-value</i> )
TERMINAL( <i>data-value</i> )
TRANCLASS( <i>data-value</i> )
TRANDUMPCODE
( <i>data-value</i> )
TRANSACTION
( <i>data-value</i> )
TSQUEUE
VTAM

#### COL9

| DB2ENTRY(*data-value*) |

#### COL8

| CONNECTION(*data-value*) |

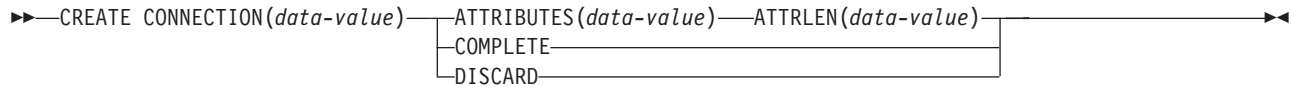
#### COL2

| LASTRESET(*data-area*) |  
| COL3 |

#### COL3



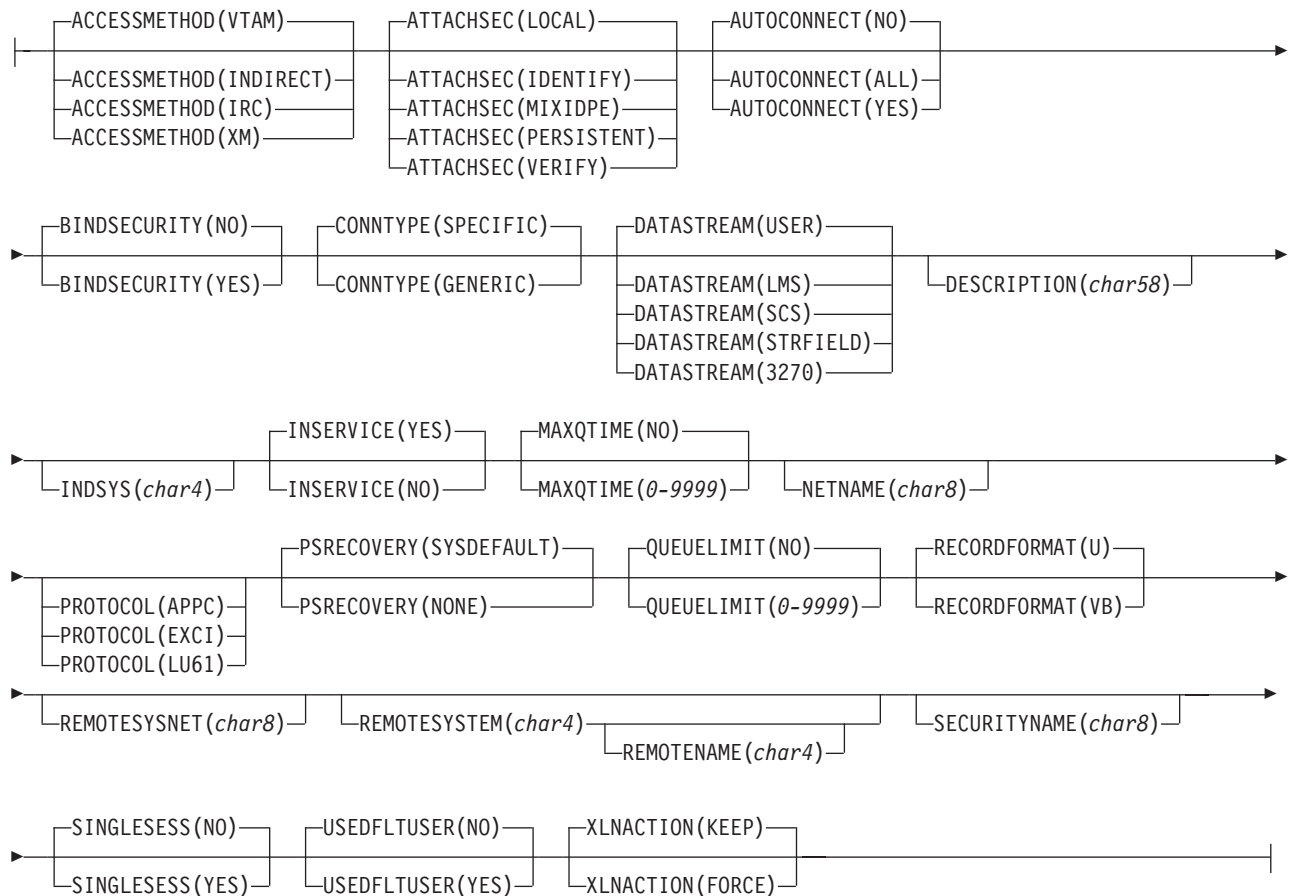
**CREATE CONNECTION**



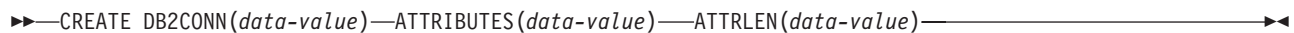
Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE CONNECTION**

**CONNECTION attributes:**



**CREATE DB2CONN**



Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

## SPI syntax

### CREATE DB2CONN

#### DB2CONN attributes:



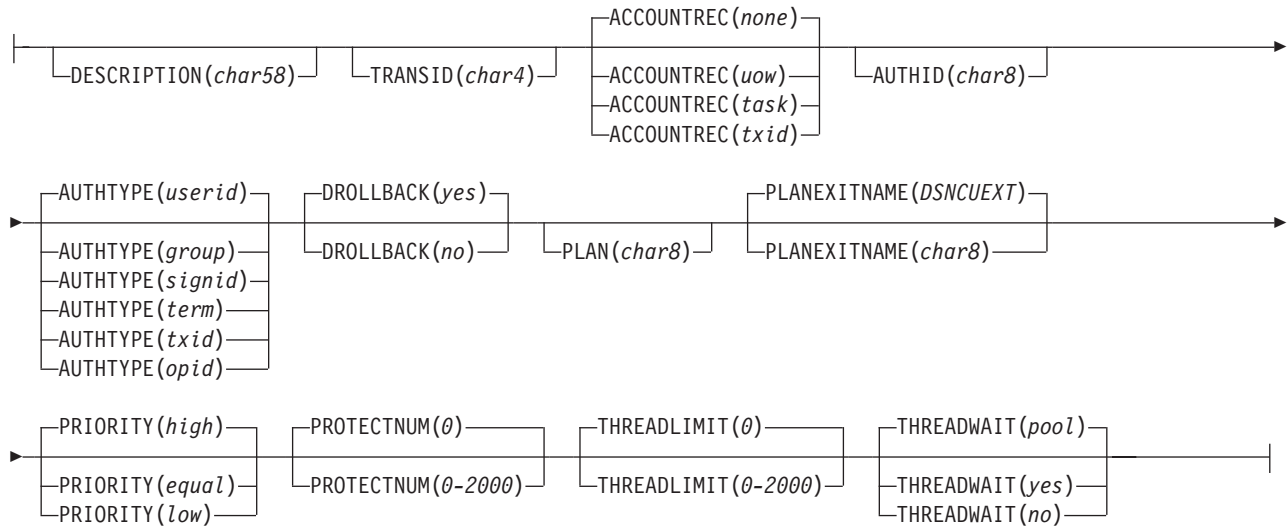
### CREATE DB2ENTRY

►► `CREATE DB2ENTRY(data-value) — ATTRIBUTES(data-value) — ATTRLEN(data-value)` ►►

**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE DB2ENTRY**

**DB2ENTRY attributes:**



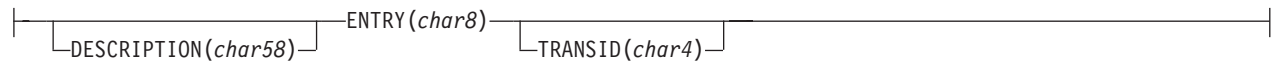
**CREATE DB2TRAN**

►► CREATE DB2TRAN(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE DB2TRAN**

**DB2TRAN attributes:**



**CREATE DOCTEMPLATE**

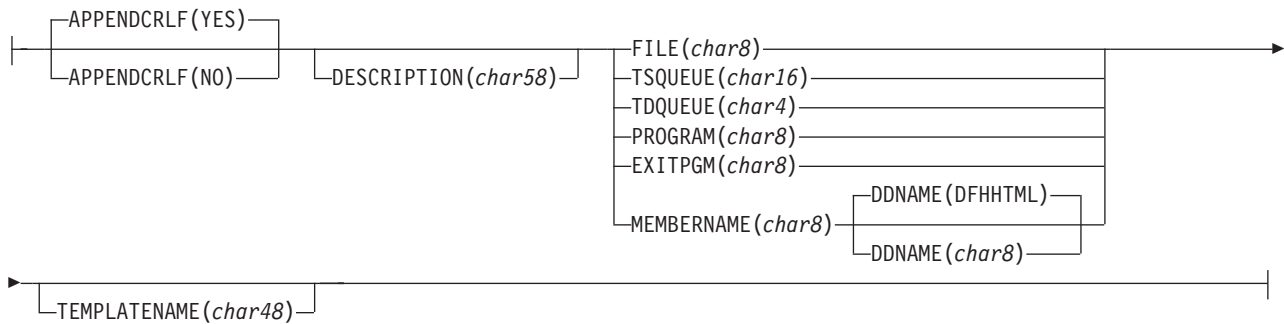
►► CREATE DOCTEMPLATE(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

## SPI syntax

### CREATE DOCTEMPLATE

#### DOCTEMPLATE attributes:



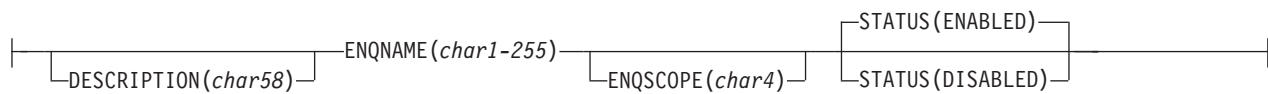
### CREATE ENQMODEL

►► `CREATE ENQMODEL (data-value) —ATTRIBUTES (data-value) —ATTRLEN (data-value)` ◄◄

Conditions: INVREQ, LENGERR, NOTAUTH

### CREATE ENQMODEL

#### ENQMODEL attributes:



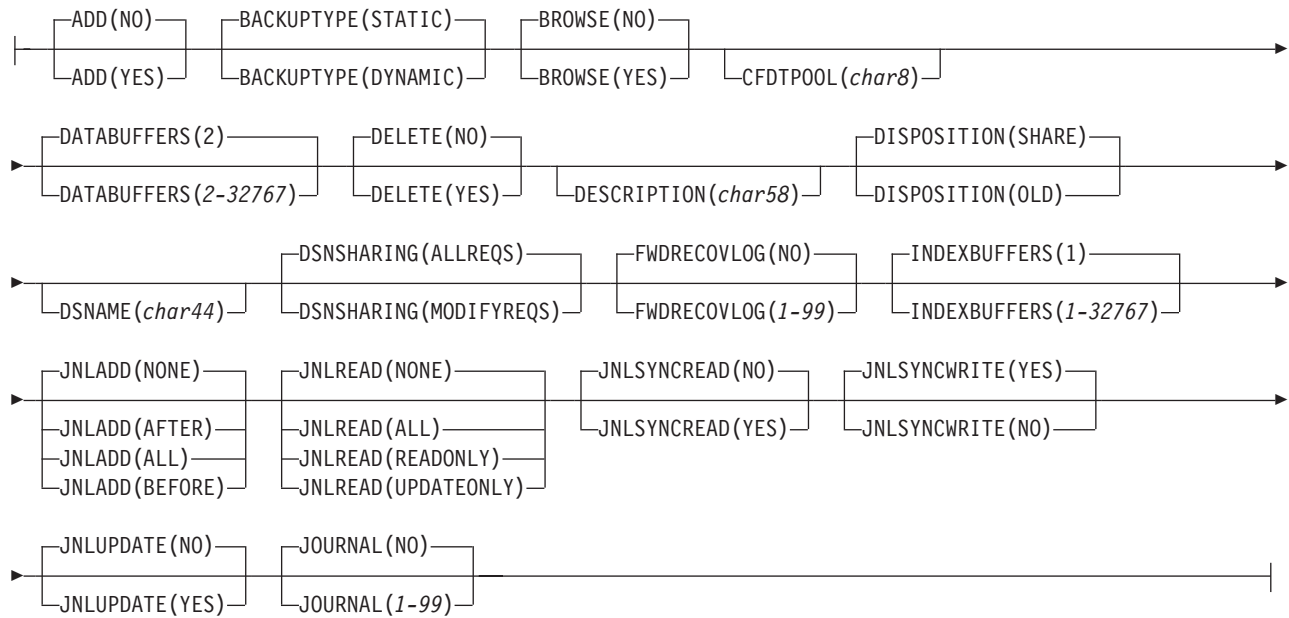
### CREATE FILE

►► `CREATE FILE (data-value) —ATTRIBUTES (data-value) —ATTRLEN (data-value)` ◄◄

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE FILE**

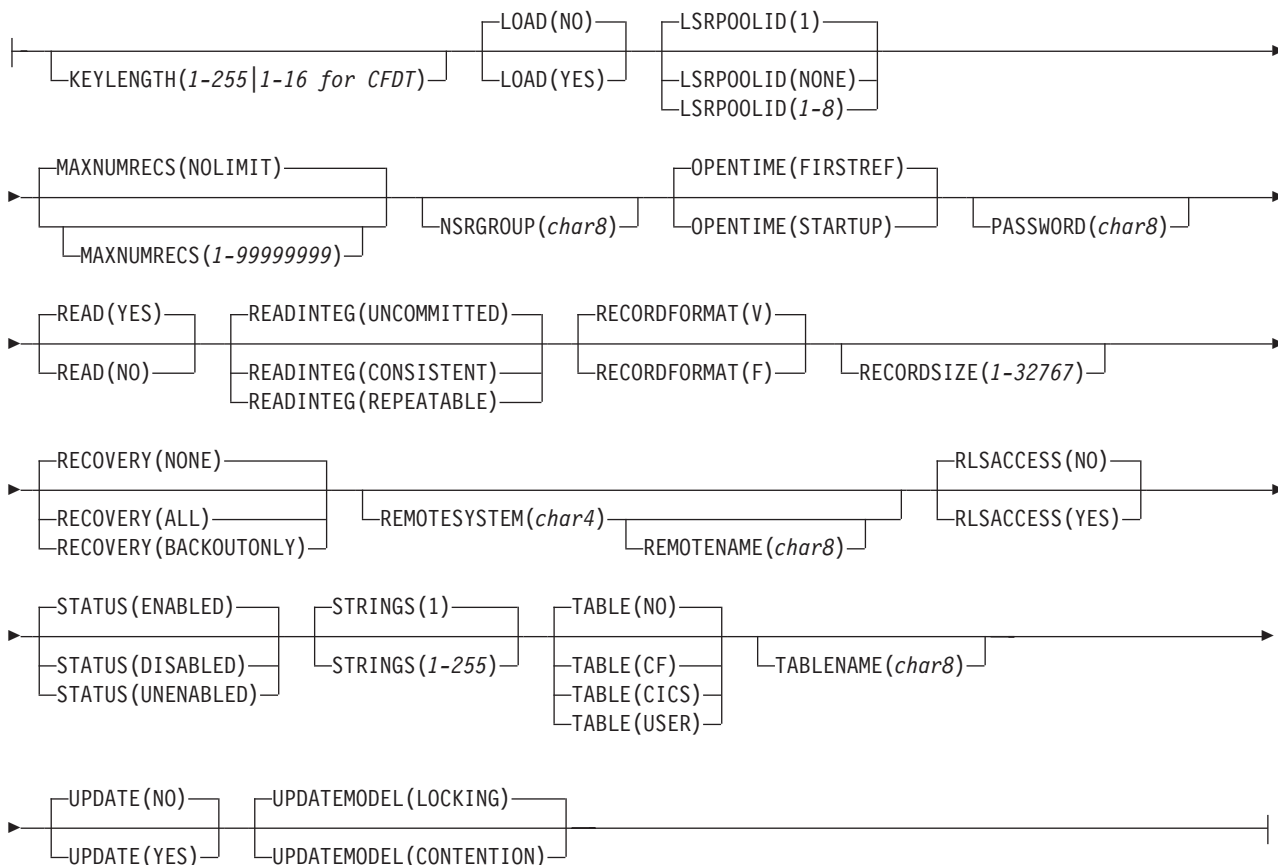
**FILE attributes (1/2):**



## SPI syntax

### CREATE FILE

#### FILE attributes (2/2):



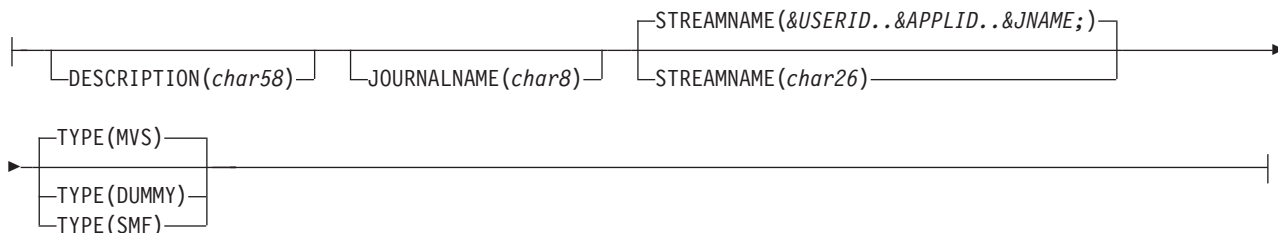
### CREATE JOURNALMODEL

►► CREATE JOURNALMODEL(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—

**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

### CREATE JOURNALMODEL

#### JOURNALMODEL attributes:



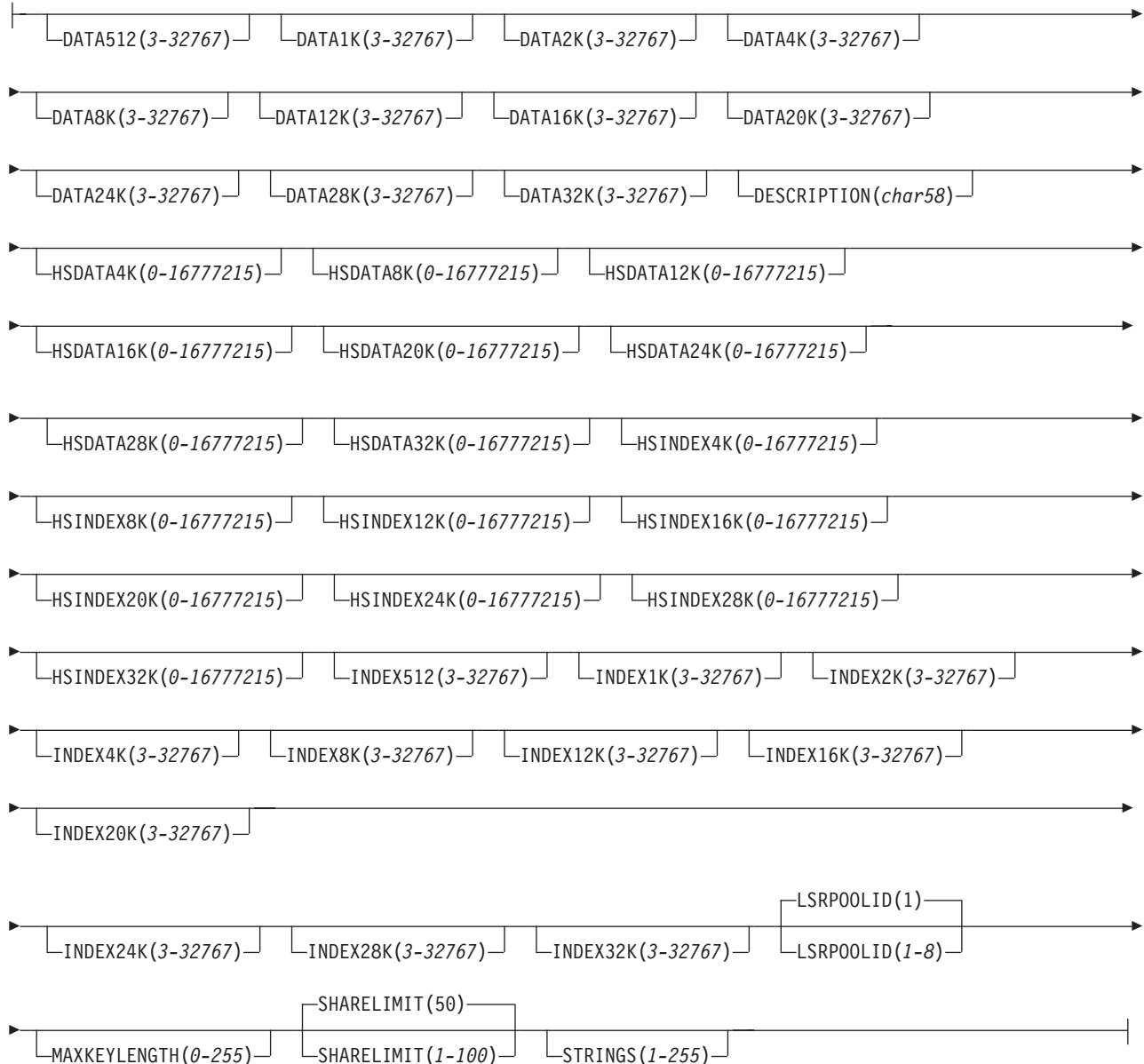
**CREATE LSRPOOL**

►► CREATE LSRPOOL(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE LSRPOOL**

**LSRPOOL attributes:**



## SPI syntax

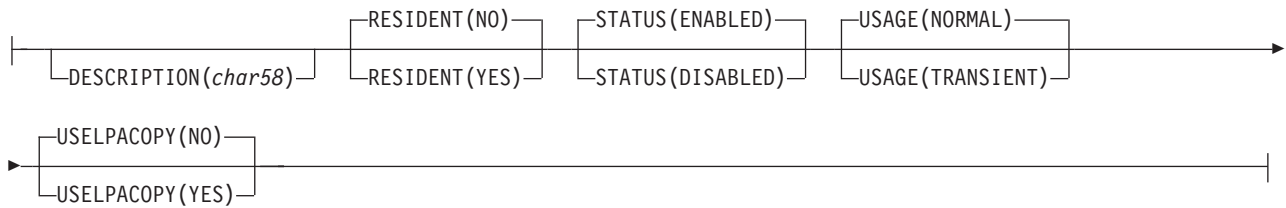
### CREATE MAPSET

►►—CREATE MAPSET(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

### CREATE MAPSET

#### MAPSET attributes:



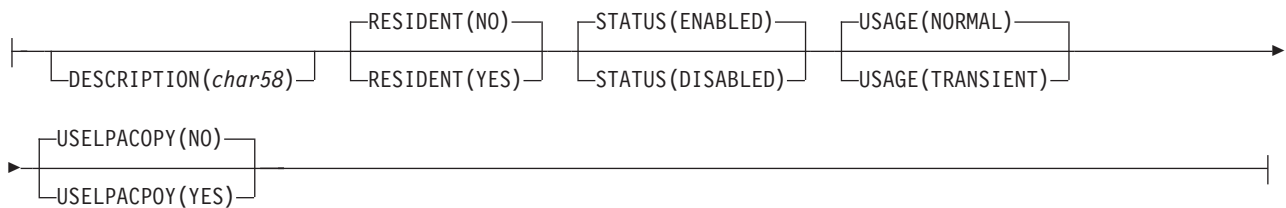
### CREATE PARTITIONSET

►►—CREATE PARTITIONSET(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

### CREATE PARTITIONSET

#### PARTITIONSET attributes:



### CREATE PARTNER

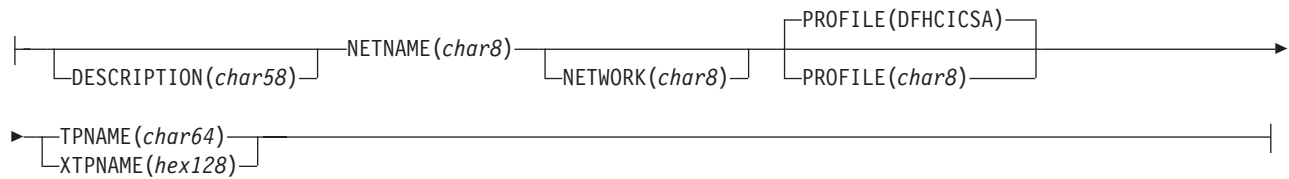
►►—CREATE PARTNER(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH



## CREATE PARTNER

### PARTNER attributes:



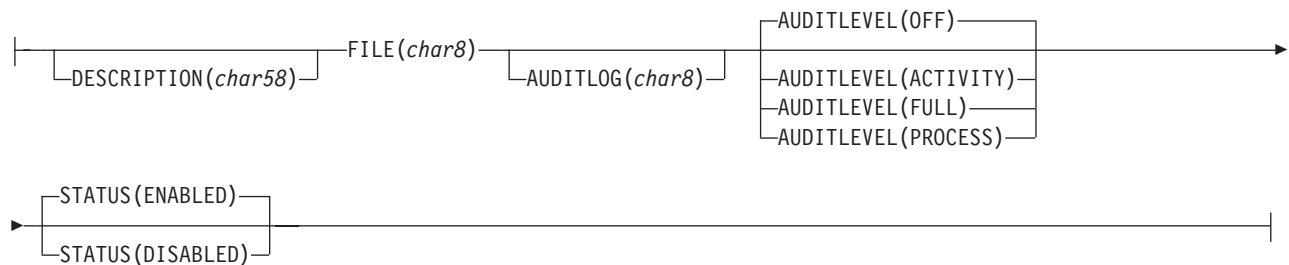
## CREATE PROCESSTYPE

►► `CREATE PROCESSTYPE(data-value) — ATTRIBUTES(data-value) — ATTRLEN(data-value)` ◄◄

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

## CREATE PROCESSTYPE

### PROCESSTYPE attributes:



## CREATE PROFILE

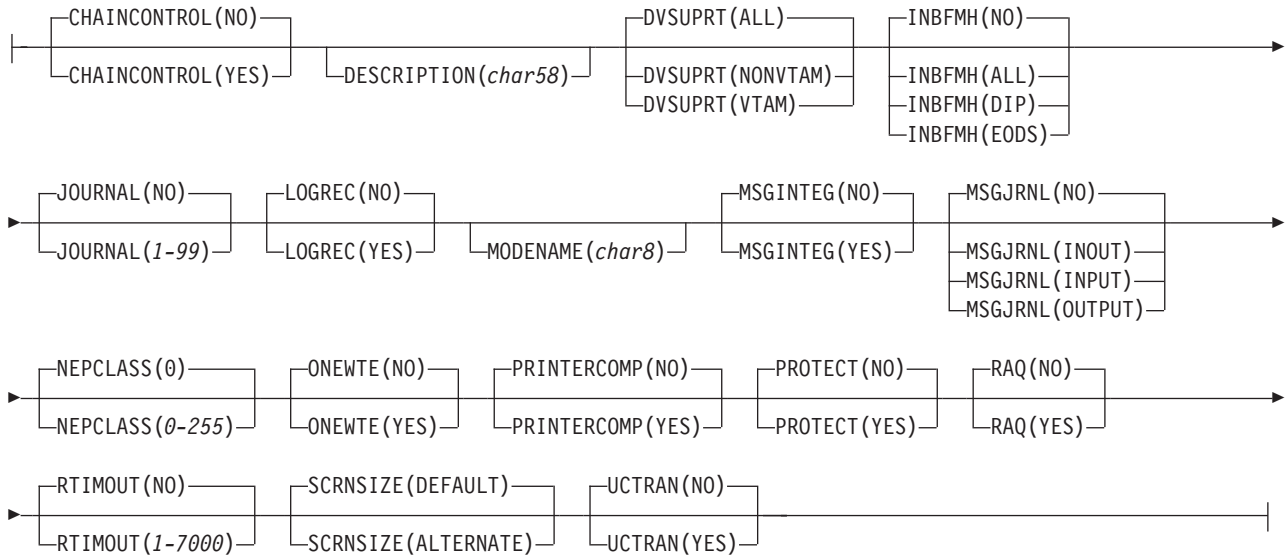
►► `CREATE PROFILE(data-value) — ATTRIBUTES(data-value) — ATTRLEN(data-value)` ◄◄

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

## SPI syntax

### CREATE PROFILE

#### PROFILE attributes:



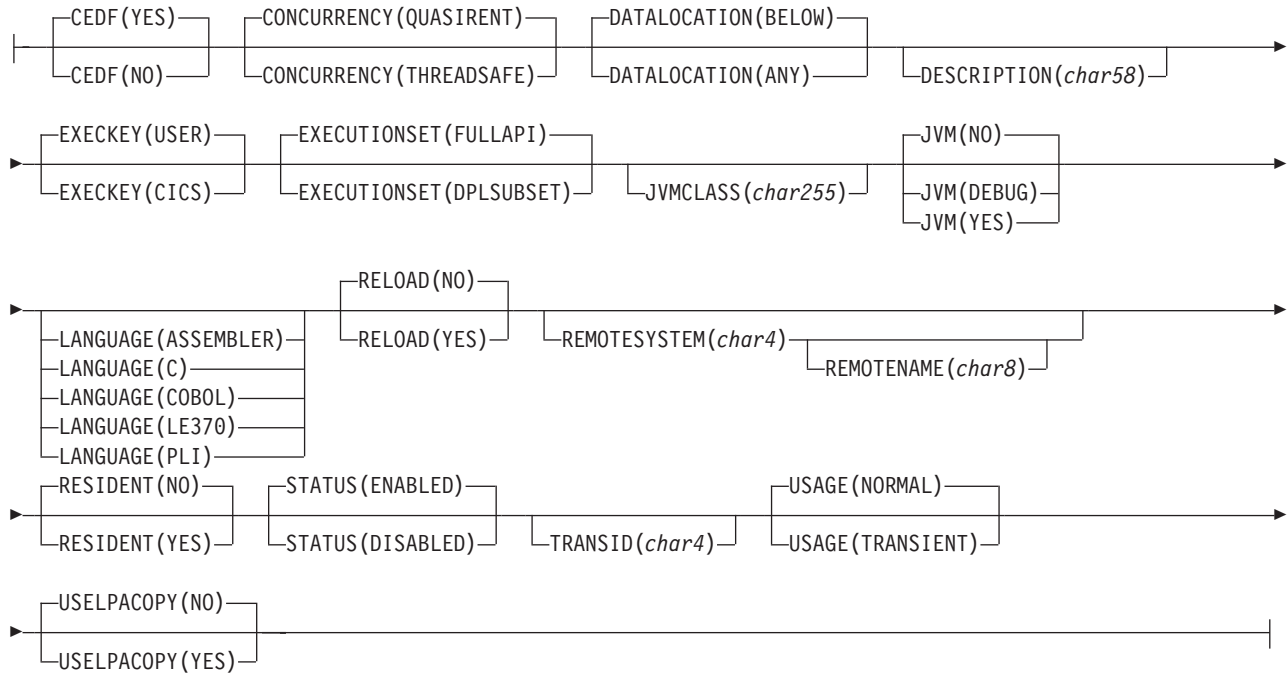
### CREATE PROGRAM

►►—`CREATE PROGRAM (data-value)`—`ATTRIBUTES (data-value)`—`ATTRLEN (data-value)`—►►

**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE PROGRAM**

**PROGRAM attributes:**



**CREATE REQUESTMODEL**

►► CREATE REQUESTMODEL (data-value) ATTRIBUTES (data-value) ATTRLEN (data-value) ◀◀

**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE REQUESTMODEL**

**REQUESTMODEL attributes:**



**CREATE SESSIONS**

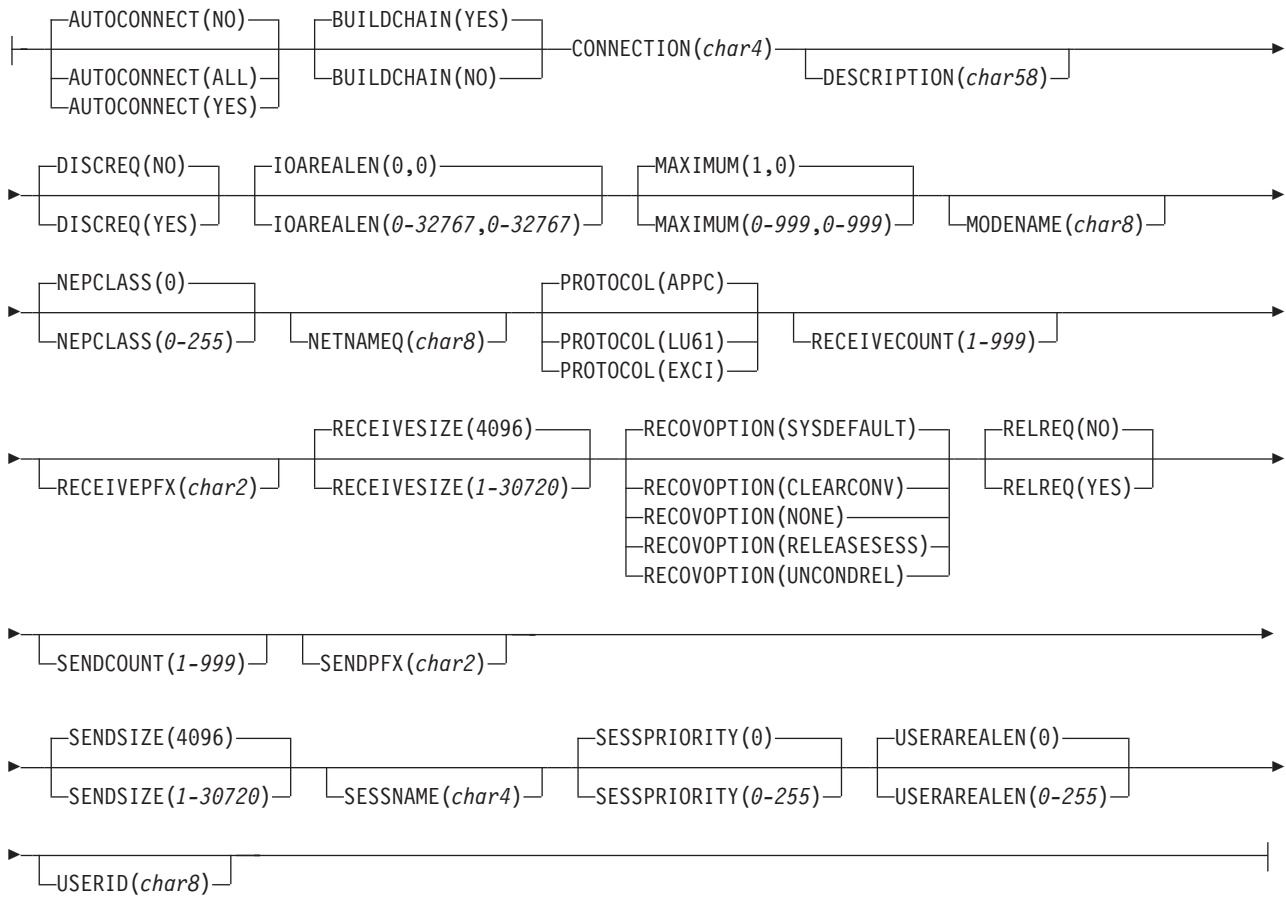
►► CREATE SESSIONS (data-value) ATTRIBUTES (data-value) ATTRLEN (data-value) ◀◀

**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

## SPI syntax

### CREATE SESSIONS

#### SESSIONS attributes:



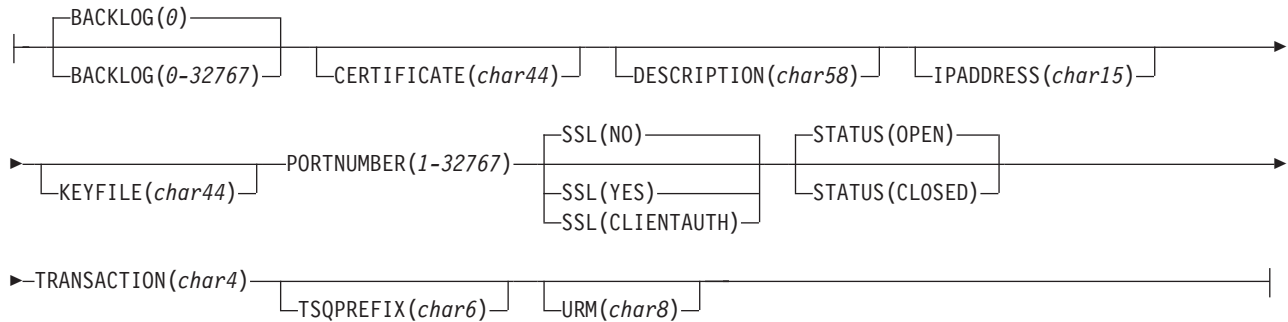
### CREATE TCPIP SERVICE

►► `CREATE TCPIP SERVICE (data-value) ATTRIBUTES (data-value) ATTRLEN (data-value)` ►►

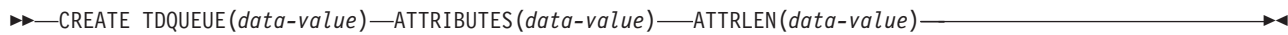
**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE TCPIP SERVICE**

**TCPIP SERVICE attributes:**



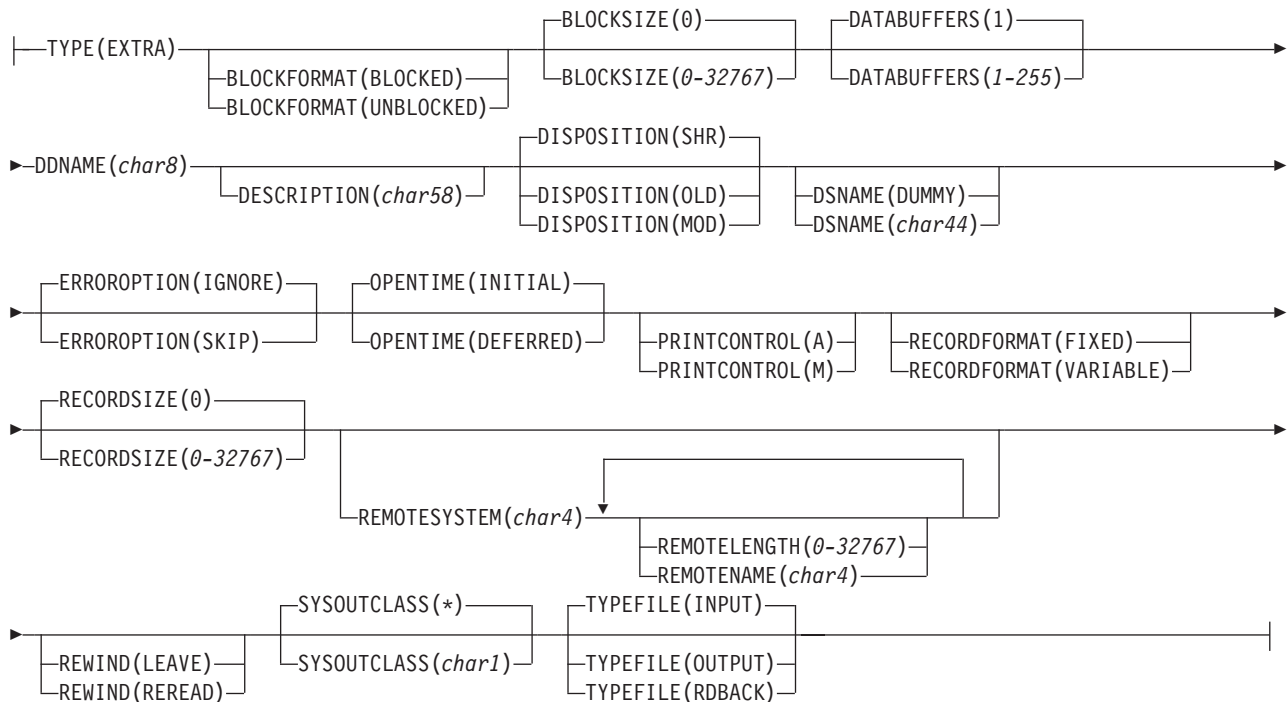
**CREATE TDQUEUE**



**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE TDQUEUE**

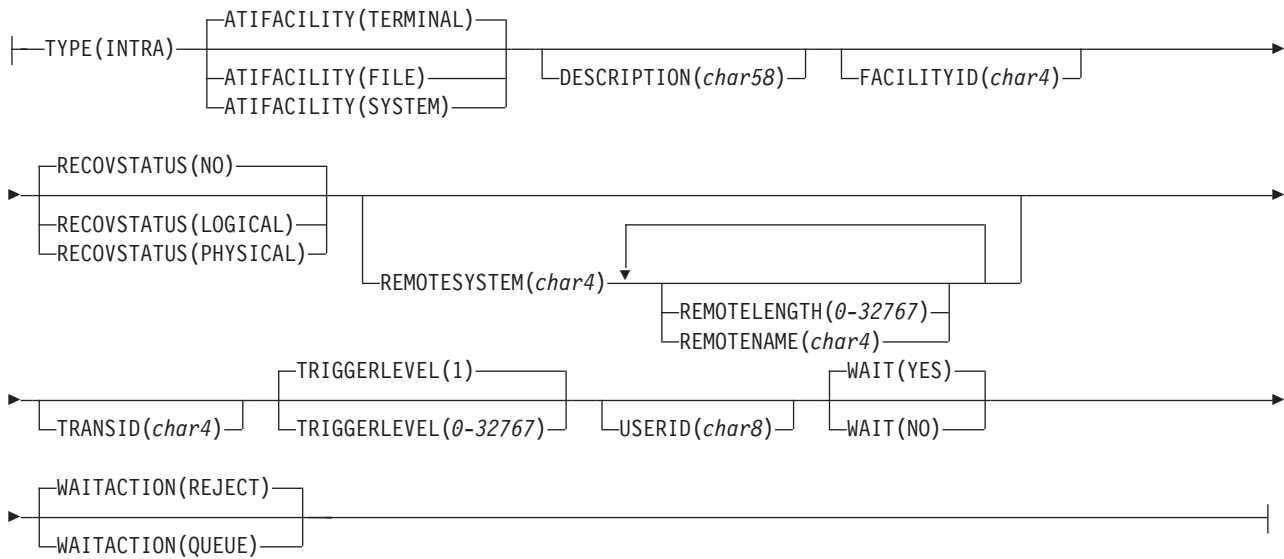
**TDQUEUE attributes for extra-partition queues:**



## SPI syntax

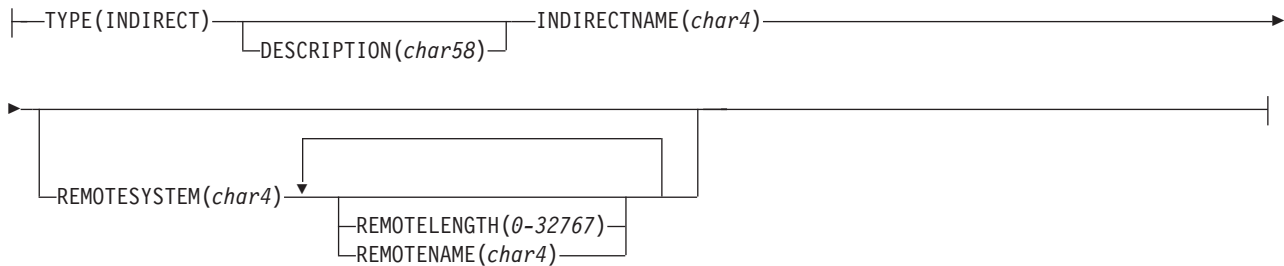
### CREATE TDQUEUE

#### TDQUEUE attributes for intra-partition queues:



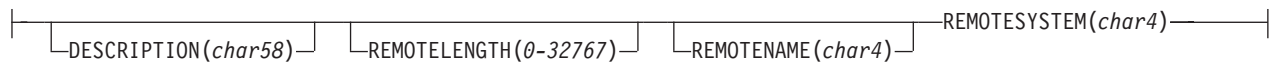
### CREATE TDQUEUE

#### TDQUEUE attributes for indirect queues:

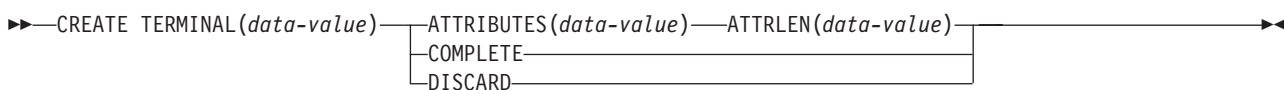


### CREATE TDQUEUE

#### TDQUEUE attributes for remote queues of unspecified TYPE:



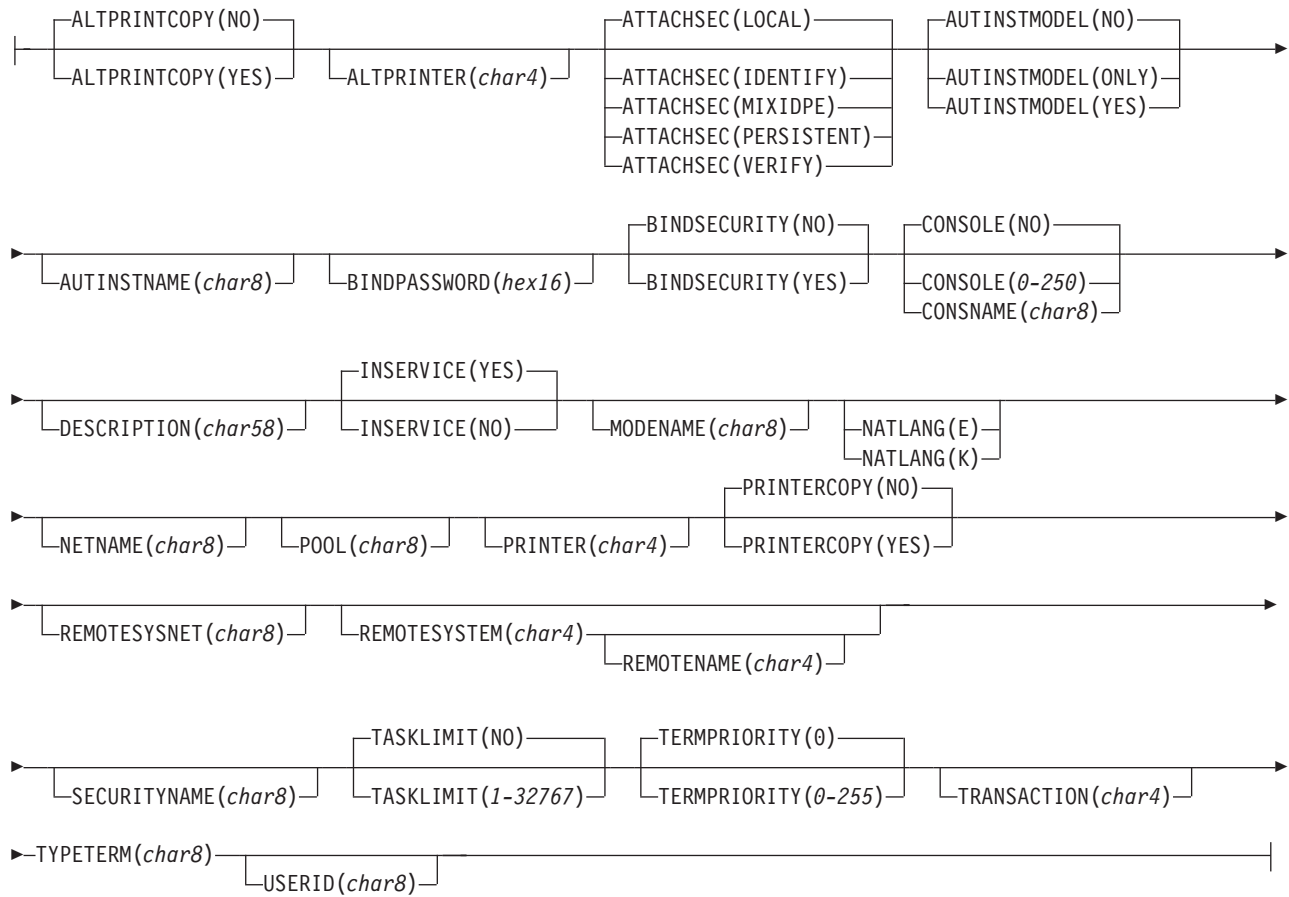
### CREATE TERMINAL



**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE TERMINAL**

**TERMINAL attributes:**



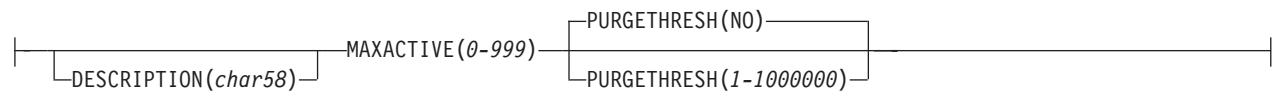
**CREATE TRANCLASS**



**Conditions:** ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE TRANCLASS**

**TRANCLASS attributes:**



## SPI syntax

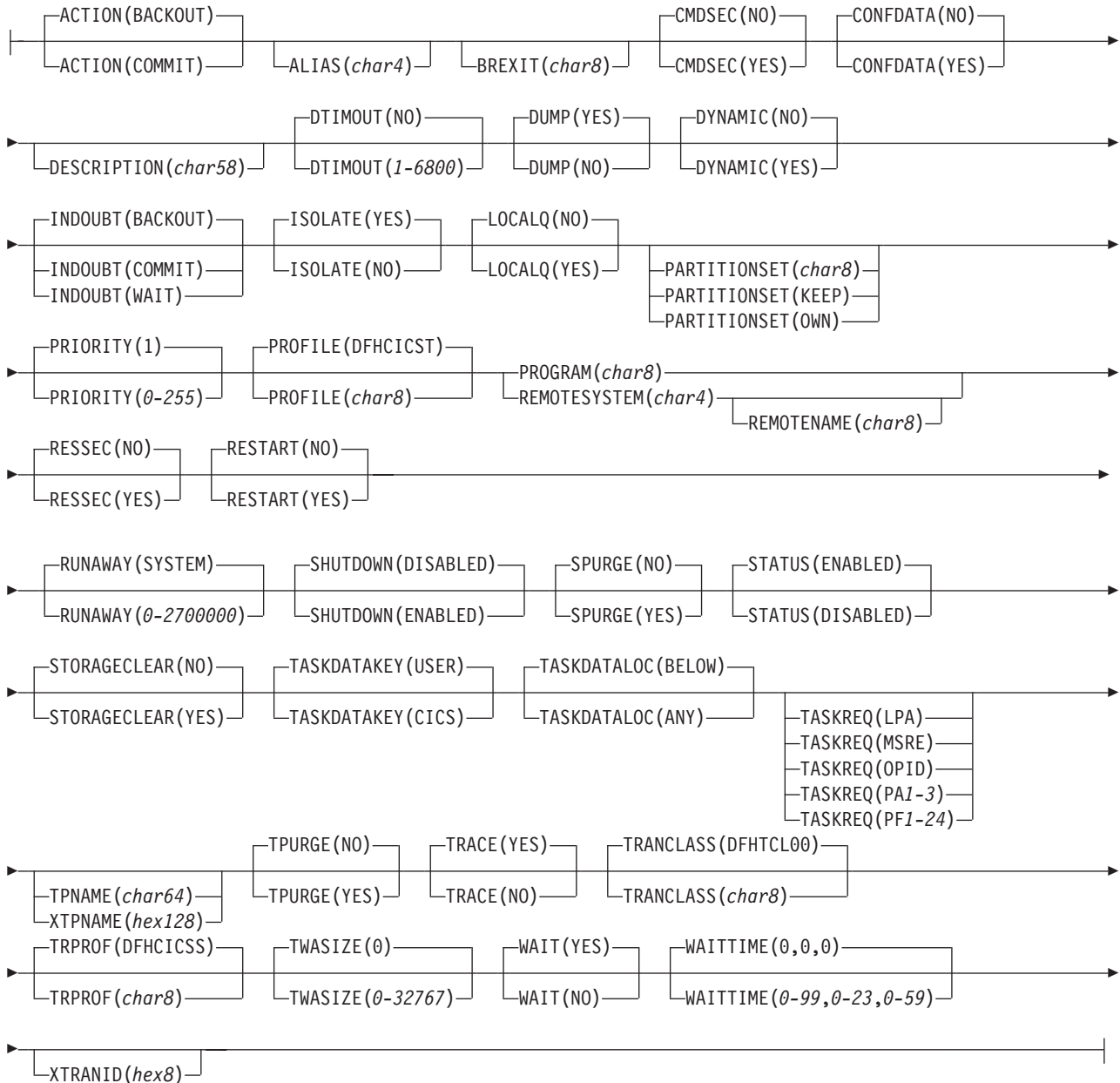
### CREATE TRANSACTION

►►—CREATE TRANSACTION(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

### CREATE TRANSACTION

#### TRANSACTION attributes:





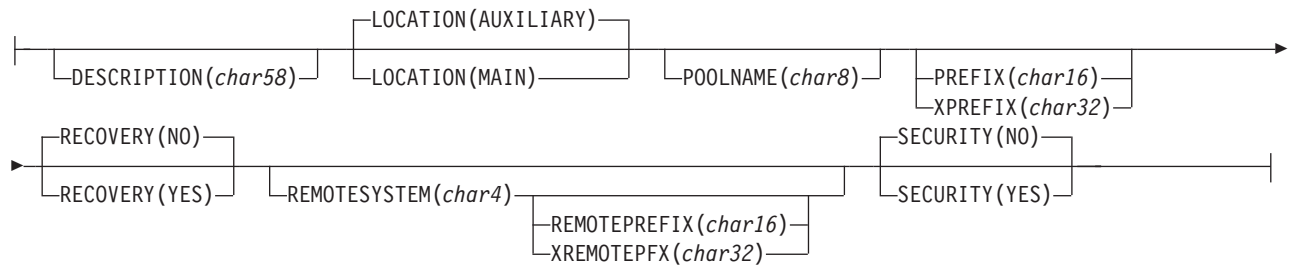
**CREATE TSMODEL**

►►—CREATE TSMODEL(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

**CREATE TSMODEL**

**TSMODEL attributes:**



**CREATE TYPETERM**

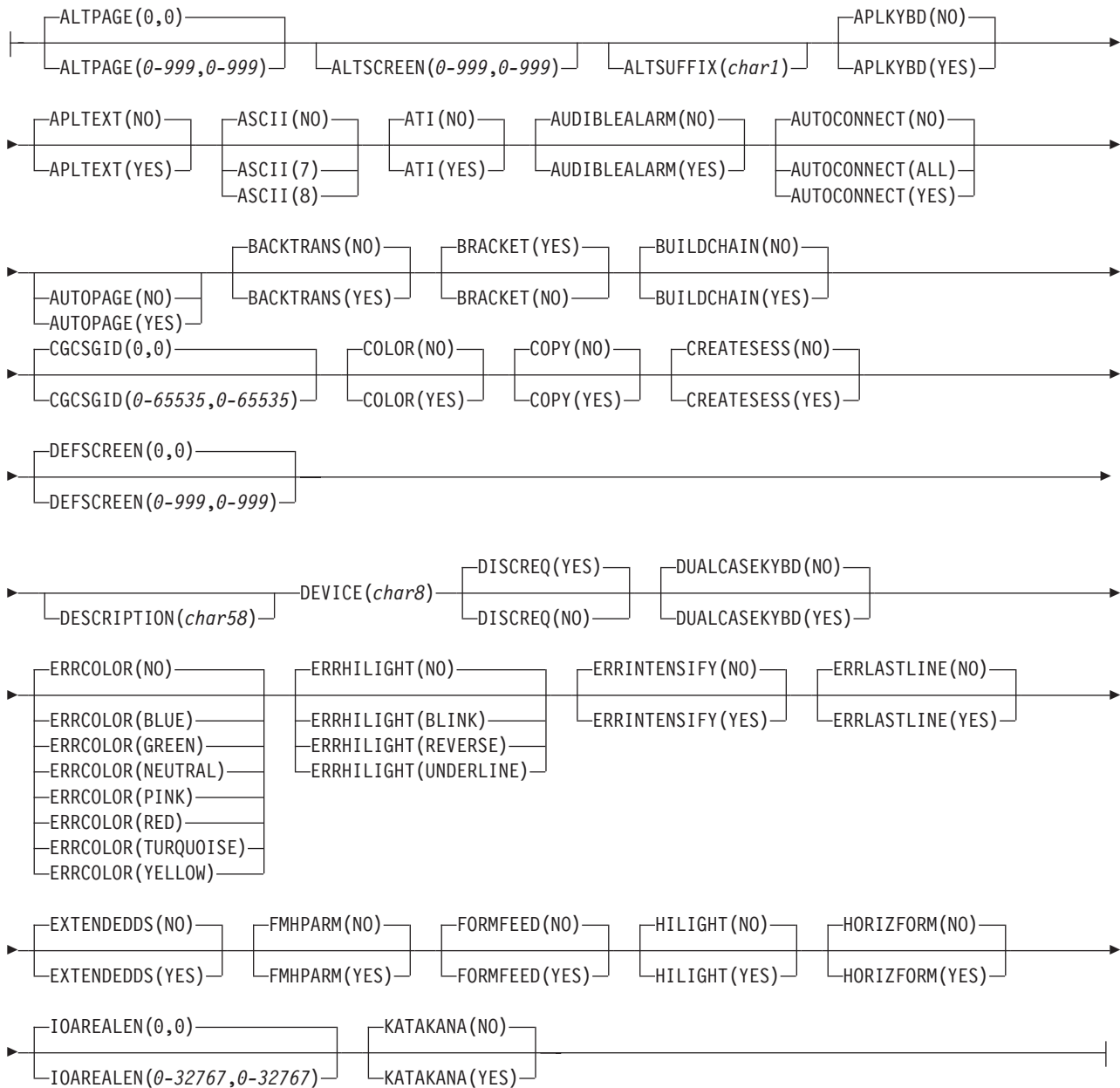
►►—CREATE TYPETERM(*data-value*)—ATTRIBUTES(*data-value*)—ATTRLEN(*data-value*)—►►

Conditions: ILLOGIC, INVREQ, LENGERR, NOTAUTH

## SPI syntax

### CREATE TYPETERM

#### TYPETERM attributes (1/3):



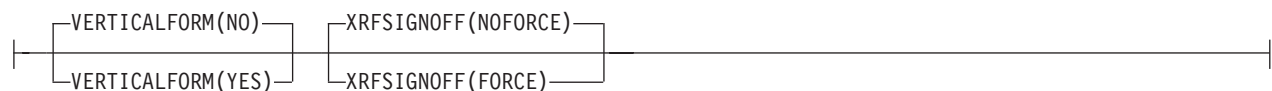
**CREATE TYPETERM**

**TYPETERM attributes (2/3):**



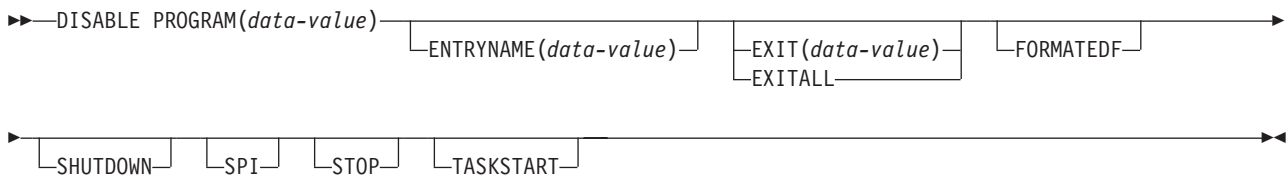
**CREATE TYPETERM**

**TYPETERM attributes (3/3):**



## SPI syntax

### DISABLE PROGRAM



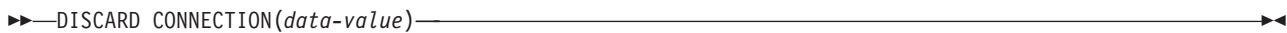
Conditions: INVEXITREQ, NOTAUTH

### DISCARD AUTINSTMODEL



Conditions: INVREQ, MODELIDERR, NOTAUTH

### DISCARD CONNECTION



Conditions: INVREQ, NOTAUTH, SYSIDERR

### DISCARD DB2CONN



Conditions: INVREQ, NOTAUTH, NOTFND

### DISCARD DB2ENTRY



Conditions: NOTFND, INVREQ, NOTAUTH

### DISCARD DB2TRAN



Conditions: NOTFND, NOTAUTH

### DISCARD DOCTEMPLATE



Conditions: NOTAUTH, NOTFND

**DISCARD ENQMODEL**

▶▶—DISCARD ENQMODEL(*data-value*)—▶▶

Conditions: NOTAUTH, NOTFND

**DISCARD FILE**

▶▶—DISCARD FILE(*data-value*)—▶▶

Conditions: FILENOTFOUND, INVREQ, NOTAUTH

**DISCARD JOURNALMODEL**

▶▶—DISCARD—JOURNALMODEL(*data-value*)—▶▶

Conditions: NOTAUTH, NOTFND

**DISCARD JOURNALNAME**

▶▶—DISCARD—JOURNALNAME(*data-value*)—▶▶

Conditions: INVREQ, JIDERR, NOTAUTH

**DISCARD PARTNER**

▶▶—DISCARD PARTNER(*data-value*)—▶▶

Conditions: INVREQ, NOTAUTH, PARTNERIDERR

**DISCARD PROCESSTYPE**

▶▶—DISCARD—PROCESSTYPE(*data-value*)—▶▶

Conditions: INVREQ, NOTAUTH, PROCESSERR

**DISCARD PROFILE**

▶▶—DISCARD PROFILE(*data-value*)—▶▶

Conditions: INVREQ, NOTAUTH, PROFILEIDERR

## SPI syntax

### DISCARD PROGRAM

▶▶—DISCARD PROGRAM(*data-value*)—————▶▶

Conditions: INVREQ, NOTAUTH, PGMIDERR

### DISCARD REQUESTMODEL

▶▶—DISCARD—REQUESTMODEL(*data-value*)—————▶▶

Conditions: NOTAUTH, NOTFND

### DISCARD TCPIPSERVICE

▶▶—DISCARD TCPIPSERVICE(*data-value*)—————▶▶

Conditions: INVREQ, NOTAUTH, NOTFND

### DISCARD TDQUEUE

▶▶—DISCARD TDQUEUE(*data-value*)—————▶▶

Conditions: INVREQ, NOTAUTH, QIDERR

### DISCARD TERMINAL

▶▶—DISCARD TERMINAL(*data-value*)—————▶▶

Conditions: INVREQ, NOTAUTH, TERMIDERR

### DISCARD TRANCLASS

▶▶—DISCARD TRANCLASS(*data-value*)—————▶▶

Conditions: INVREQ, NOTAUTH, TCIDERR

### DISCARD TRANSACTION

▶▶—DISCARD TRANSACTION(*data-value*)—————▶▶

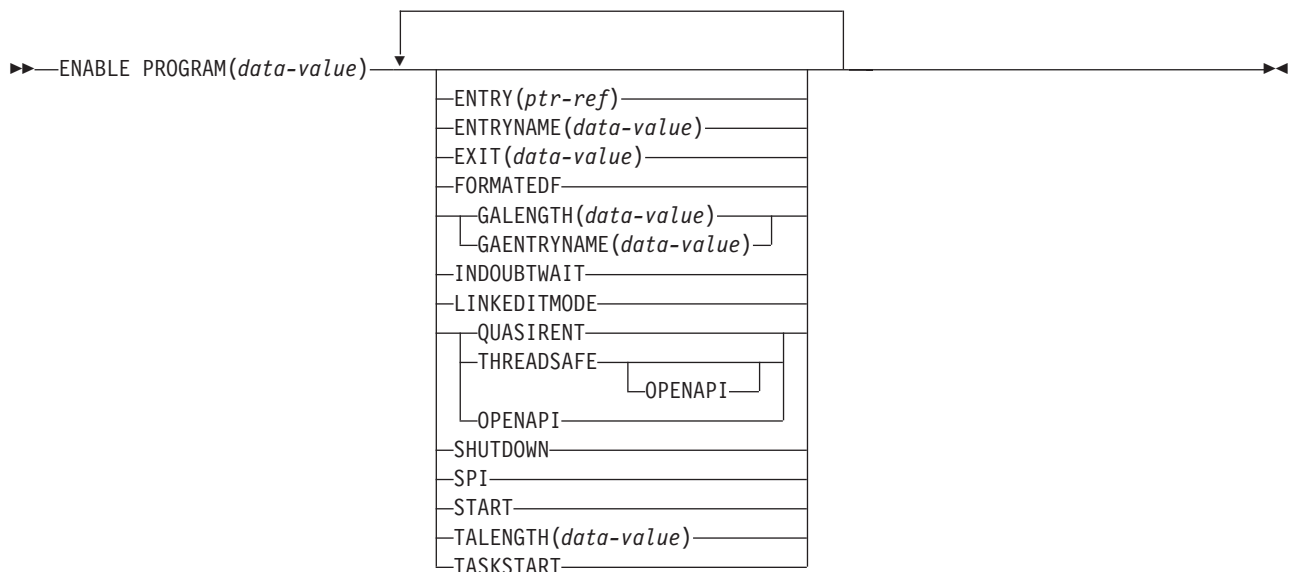
Conditions: INVREQ, NOTAUTH, TRANSIDERR

**DISCARD TSMODEL**

▶▶—DISCARD TSMODEL(*data-value*)—▶▶

Conditions: INVREQ, NOTAUTH, NOTFND

**ENABLE PROGRAM**



Conditions: INVEXITREQ, NOTAUTH

**EXTRACT EXIT**

▶▶—EXTRACT EXIT PROGRAM(*data-value*)—▶▶

GALENGTH(*data-area*)—GASET(*ptr-ref*)—▶▶

ENTRYNAME(*data-value*)

Conditions: INVEXITREQ, NOTAUTH

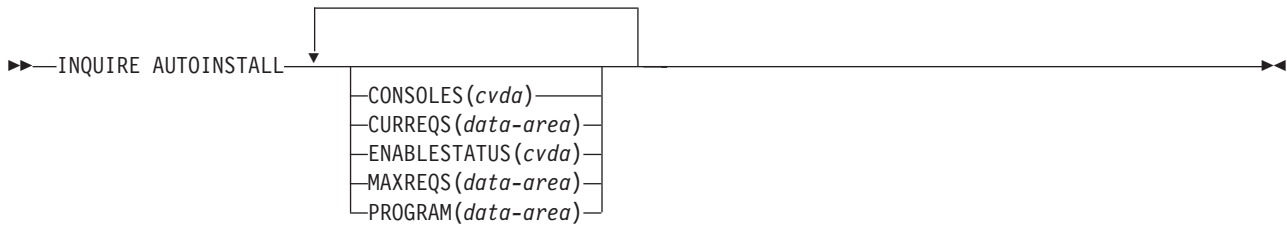
**INQUIRE AUTINSTMODEL**

▶▶—INQUIRE AUTINSTMODEL(*data-value*)—▶▶

Conditions: END, ILLOGIC, MODELIDERR, NOTAUTH

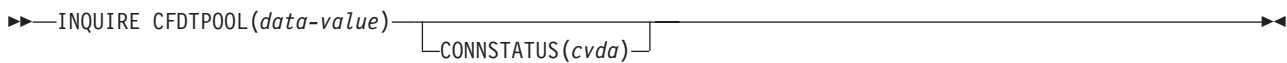
## SPI syntax

### INQUIRE AUTOINSTALL



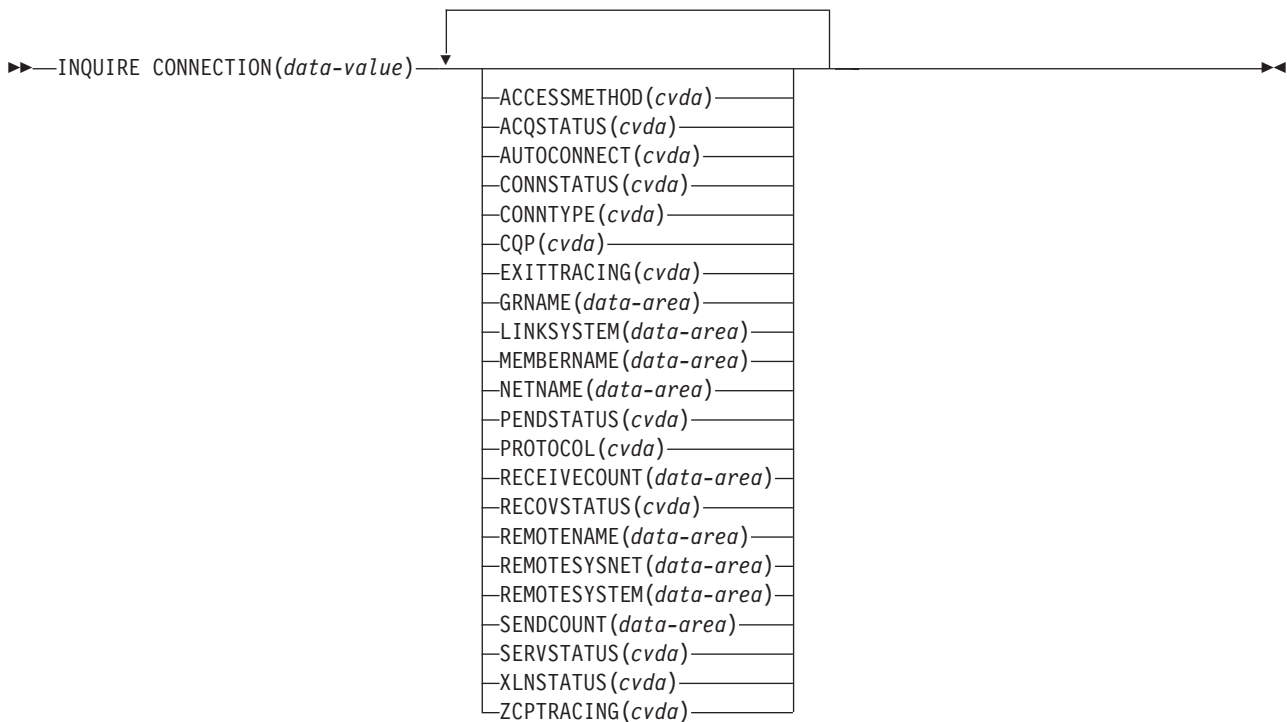
Conditions: NOTAUTH

### INQUIRE CFDTPOOL



Conditions: END, ILLOGIC, NOTAUTH, POOLERR

### INQUIRE CONNECTION



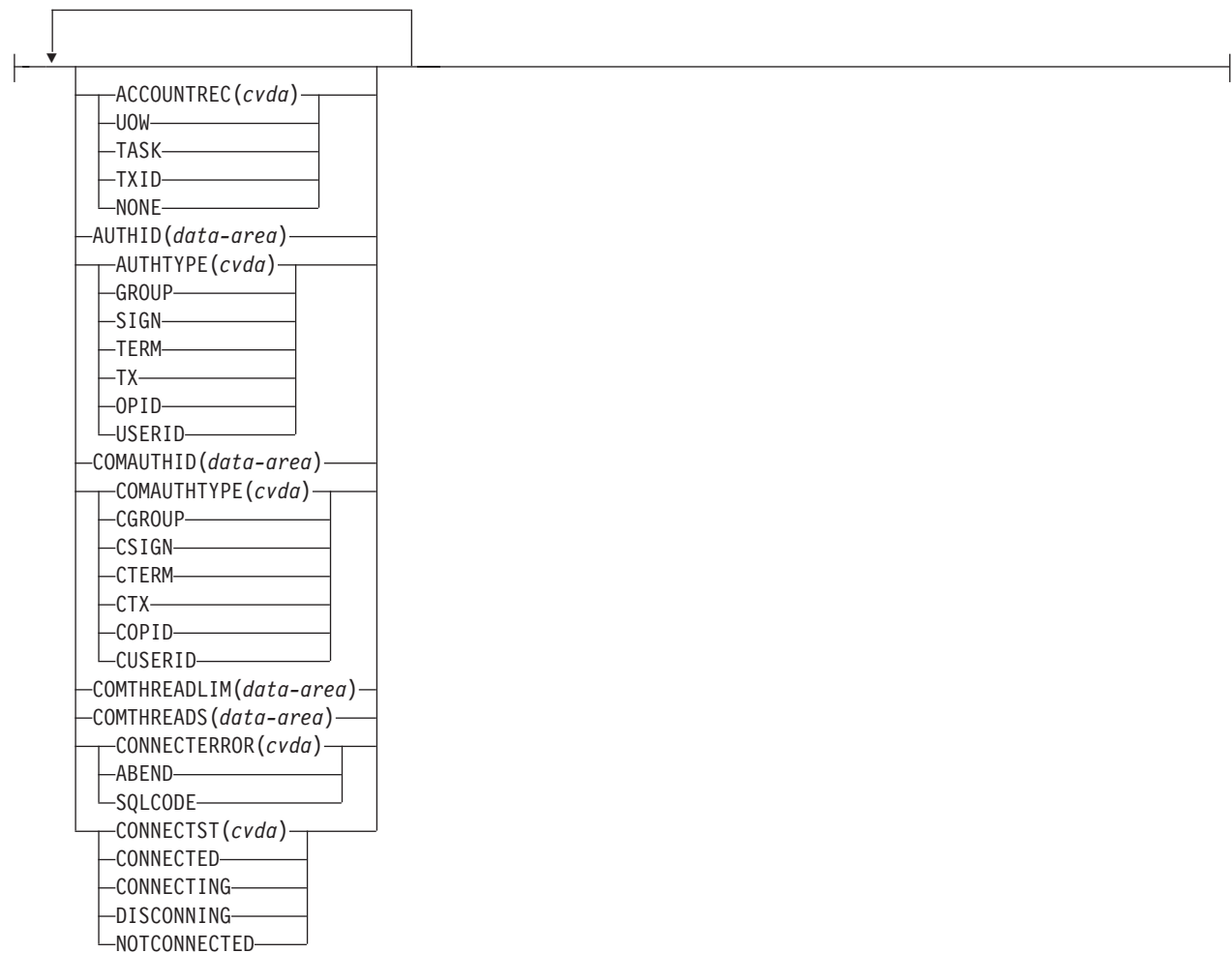
Conditions: END, ILLOGIC, NOTAUTH, SYSIDERR



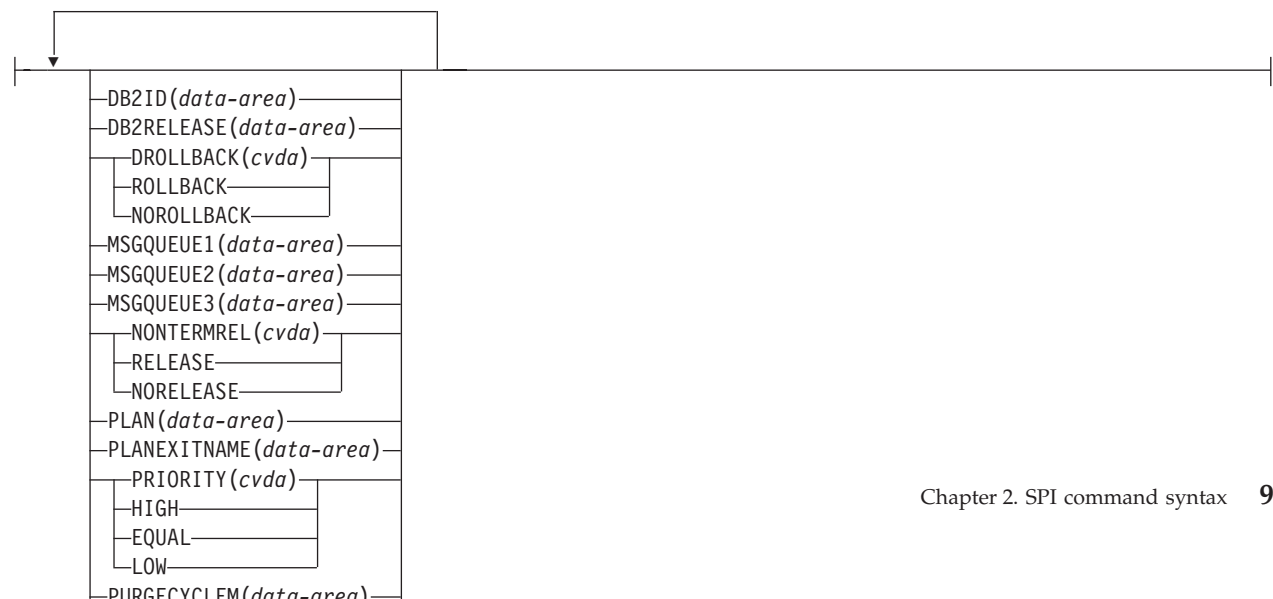
**INQUIRE DB2CONN**



**ASS1**

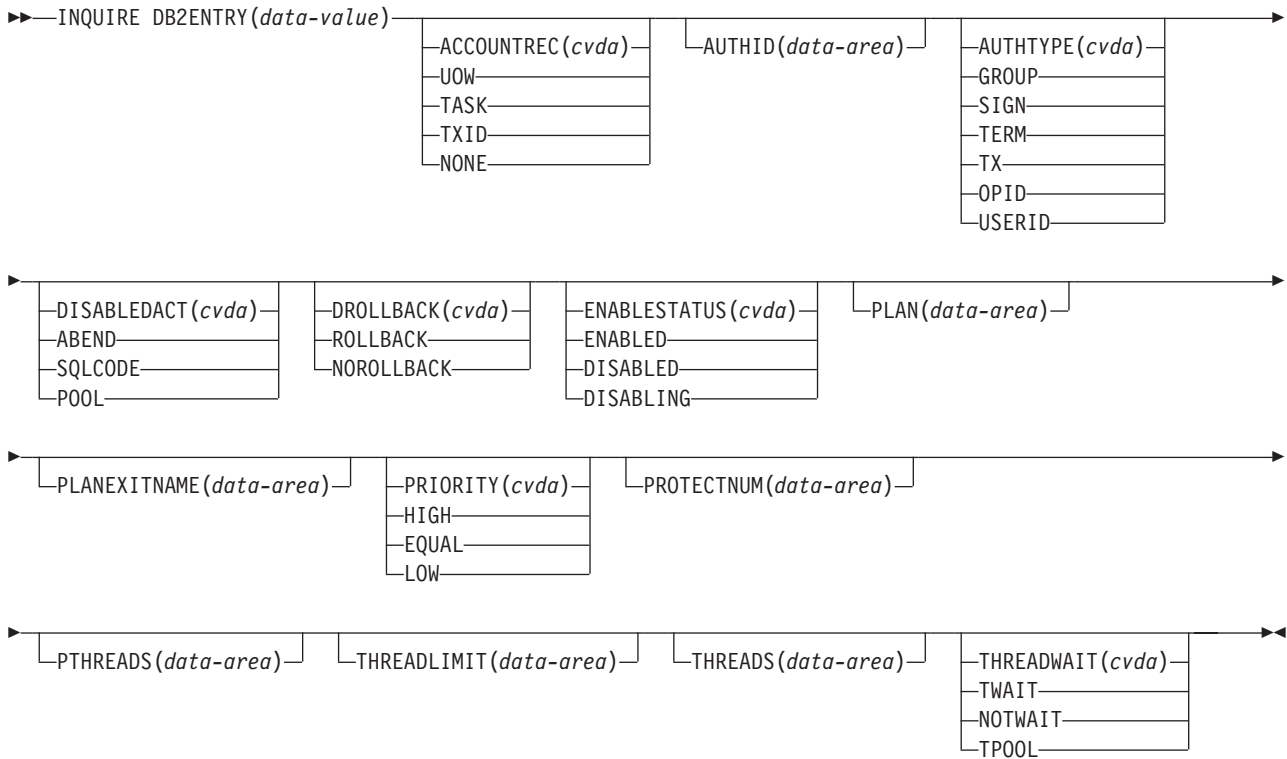


**ASS43**



## SPI syntax

### INQUIRE DB2ENTRY



Conditions: END,ILLOGIC,NOTAUTH, NOTFND

### INQUIRE DB2TRAN

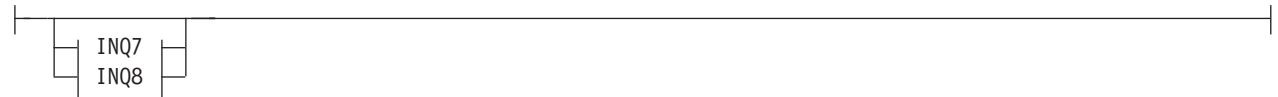


Conditions: END,ILLOGIC,NOTAUTH, NOTFND

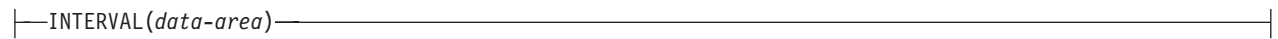
**INQUIRE DELETSHIPED**



**INQ6**



**INQ7**



**INQ8**



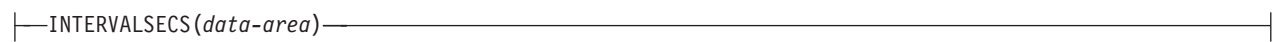
**INQ9**



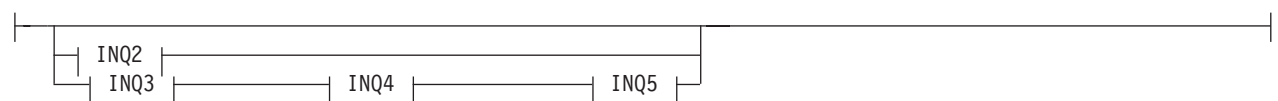
**INQ10**



**INQ11**



**INQ1**



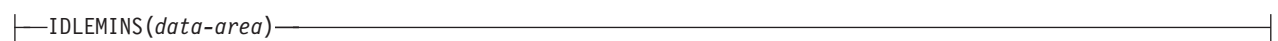
**INQ2**



**INQ3**



**INQ4**

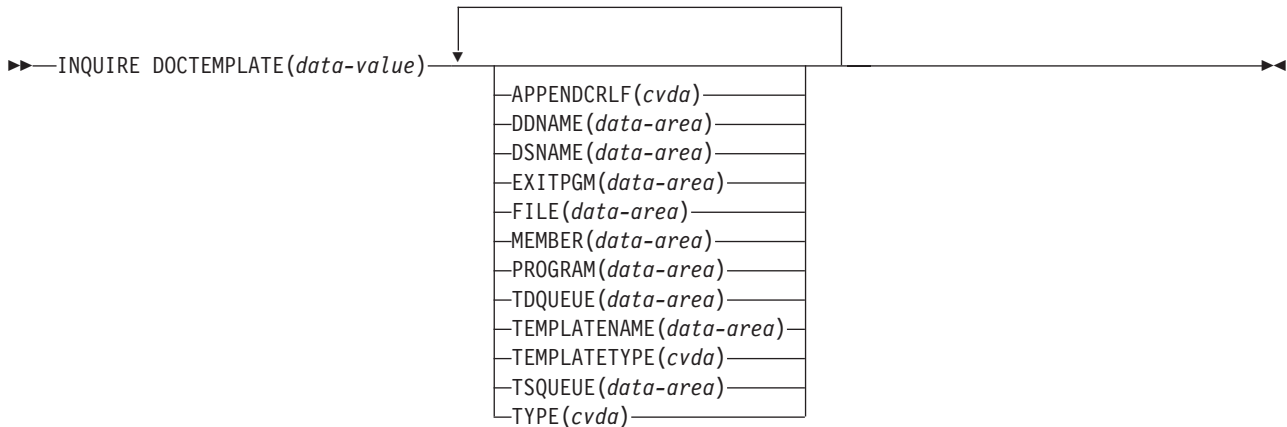


**INQ5**



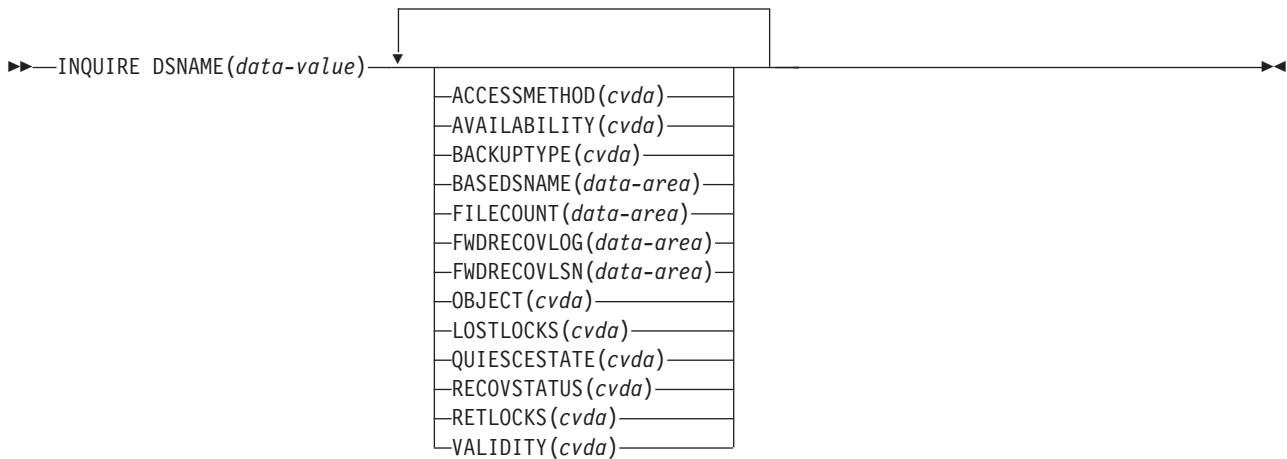
## SPI syntax

### INQUIRE DOCTEMPLATE



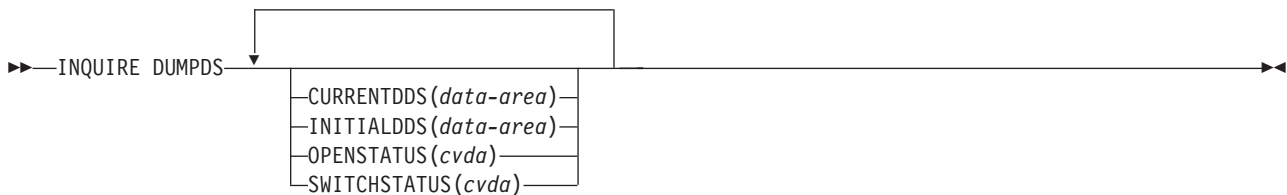
Conditions: END, ILLOGIC, NOTFND, NOTAUTH

### INQUIRE DSNAME



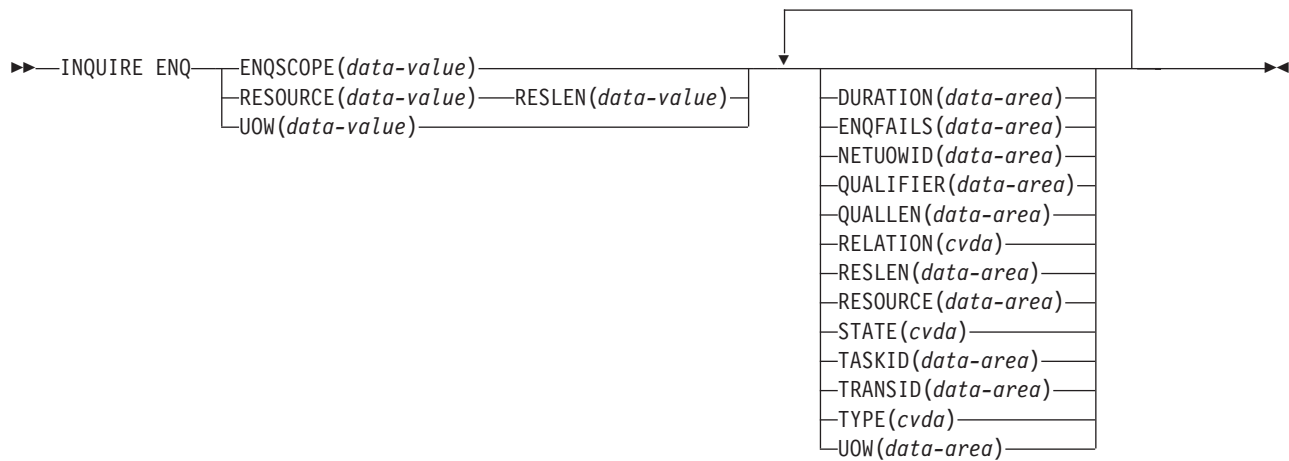
Conditions: DSNNOTFOUND, END, ILLOGIC, IOERR, NOTAUTH

### INQUIRE DUMPDS



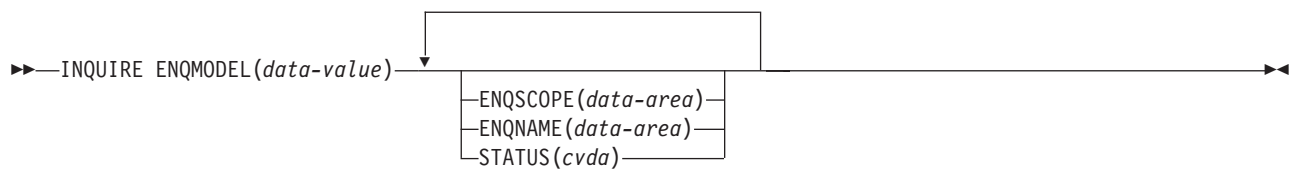
Conditions: NOTAUTH

**INQUIRE ENQ**



Conditions: END, ILLOGIC, NOTAUTH, UOWNOTFOUND

**INQUIRE ENQMODEL**



Conditions: END, ILLOGIC, NOTAUTH, NOTFND

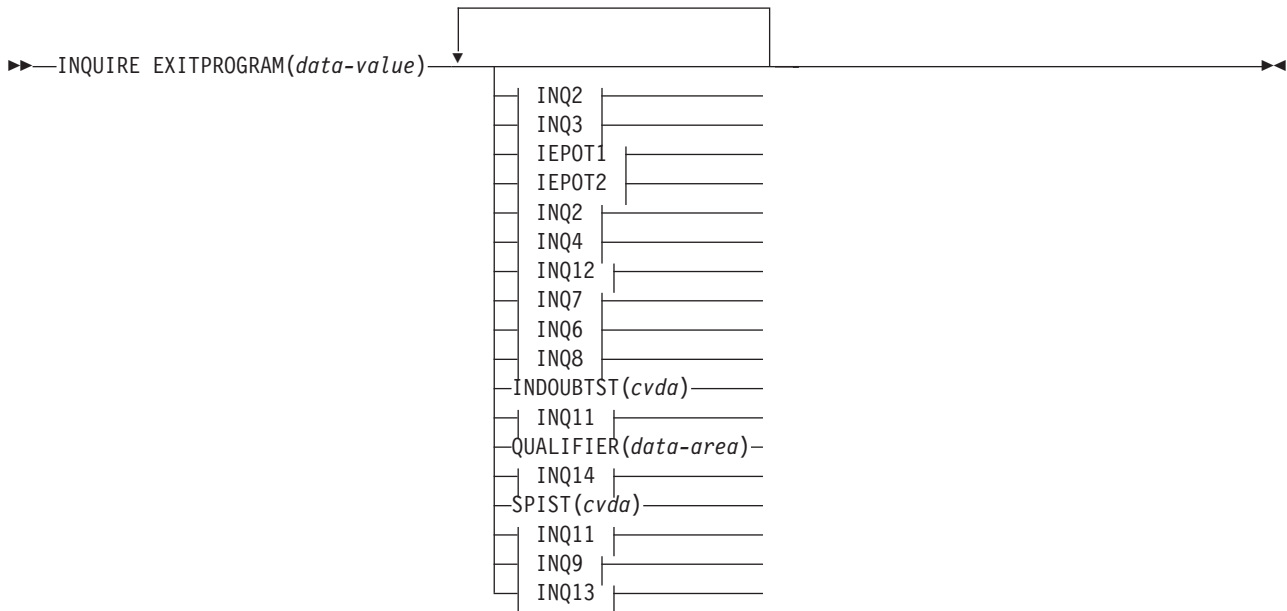
**INQUIRE EXCI**



Conditions: END, ILLOGIC, NOTAUTH

## SPI syntax

### INQUIRE EXITPROGRAM



#### INQ2

CONNECTST(*cvda*)

#### INQ14

SHUTDOWNST(*cvda*)

#### INQ4

ENTRY(*data-area*)

#### INQ2

EXIT(*data-value*)

#### INQ13

TASKSTARTST(*cvda*)

#### INQ11

STARTSTATUS(*cvda*)

#### INQ12

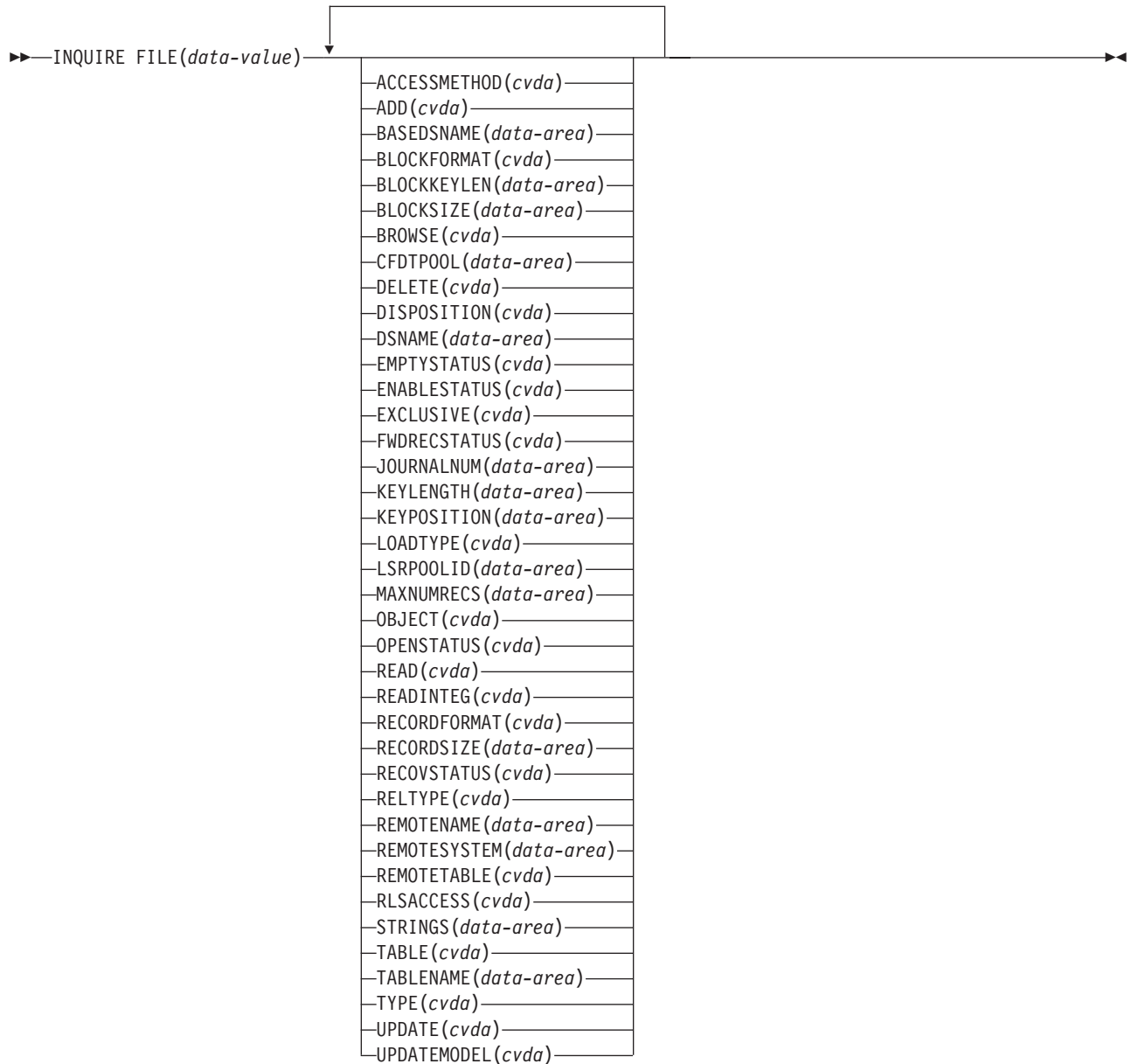
FORMATEDFST(*cvda*)

#### IEPOT1

CICS TS for OS/390: CICS User's Handbook

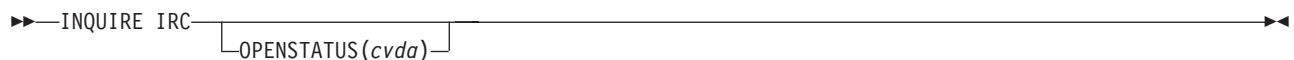
APIST(*data-value*)

**INQUIRE FILE**



Conditions: END, FILENOTFOUND, ILLOGIC, NOTAUTH

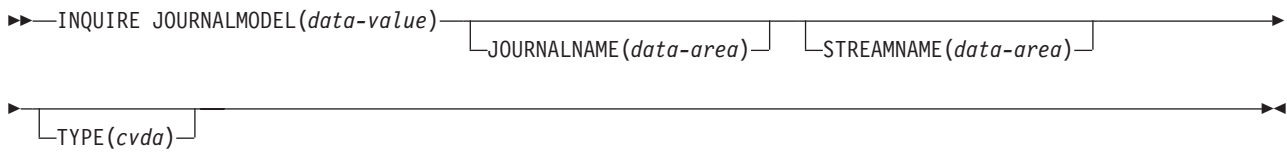
**INQUIRE IRC**



Conditions: NOTAUTH

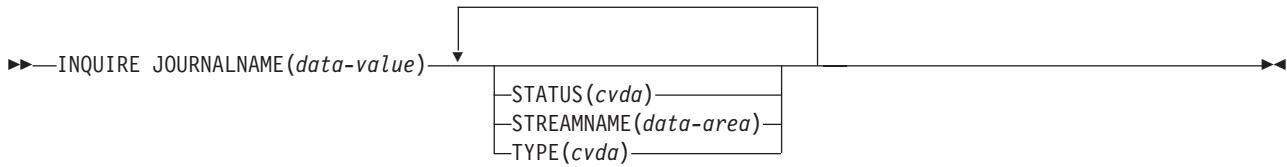
## SPI syntax

### INQUIRE JOURNALMODEL



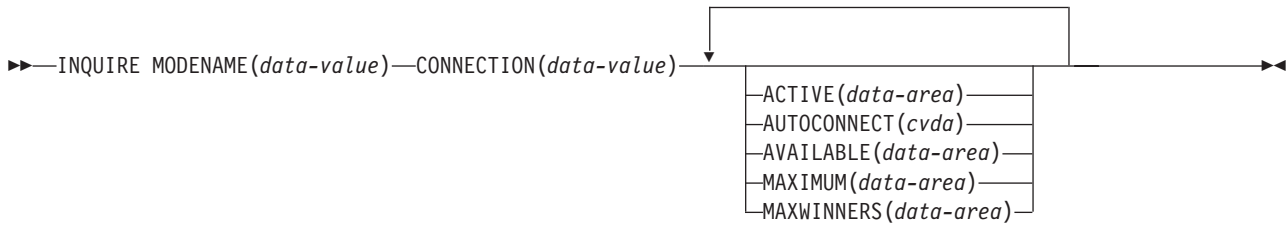
Conditions: END, ILLOGIC, NOTAUTH, NOTFND

### INQUIRE JOURNALNAME



Conditions: END, ILLOGIC, JIDERR, NOTAUTH

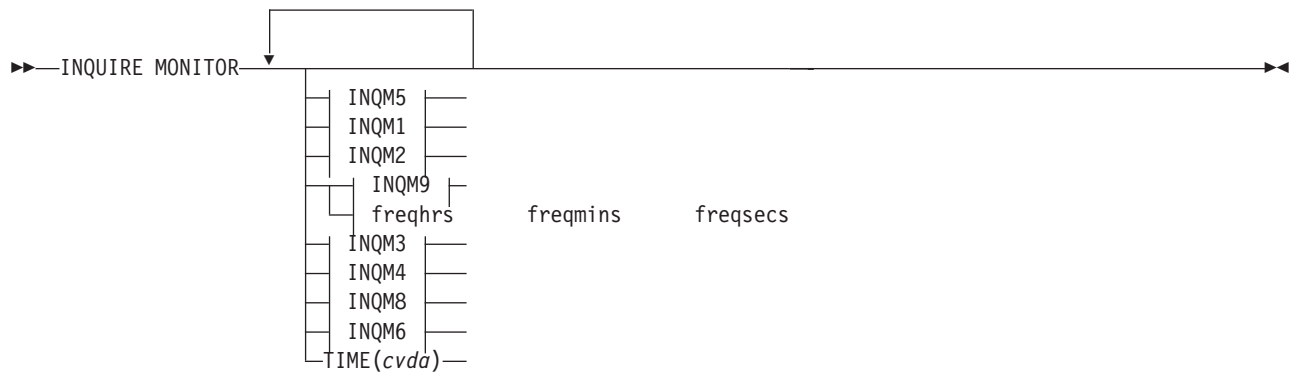
### INQUIRE MODENAME



Conditions: END, ILLOGIC, NOTAUTH, SYSIDERR



**INQUIRE MONITOR**



**INQM4**

|—STATUS(*cvda*)—|

**INQM3**

|—PERFCLASS(*cvda*)—|

**INQM1**

|—EVENTCLASS(*cvda*)—|

**INQM5**

|—CONVERSEST(*cvda*)—|

**INQM6**

|—SYNCPOINTST(*cvda*)—|

**INQM2**

|—EXCEPTCLASS(*cvda*)—|

**INQM8**

|—SUBSYSTEMID(*data-area*)—|

**INQM9**

|—FREQUENCY(*data-area*)—|

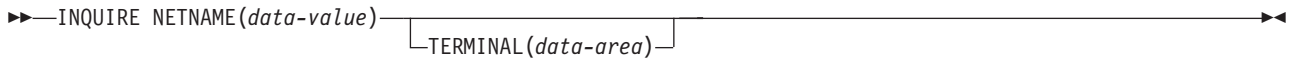
**freqhrs:**

|—FREQUENCYHRS(*data-area*)—|

**freqmins:**

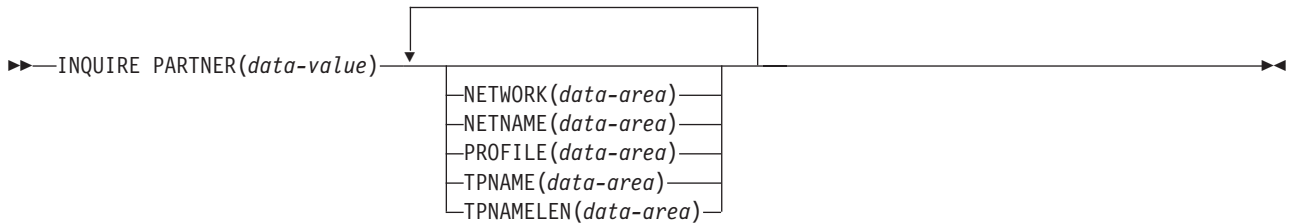
## SPI syntax

### INQUIRE TERMINAL/NETNAME



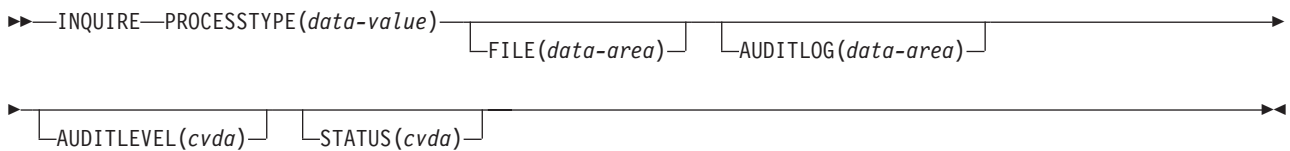
Conditions: NOTAUTH, TERMIDERR

### INQUIRE PARTNER



Conditions: END, ILLOGIC, NOTAUTH, PARTNERIDERR

### INQUIRE PROCESSTYPE



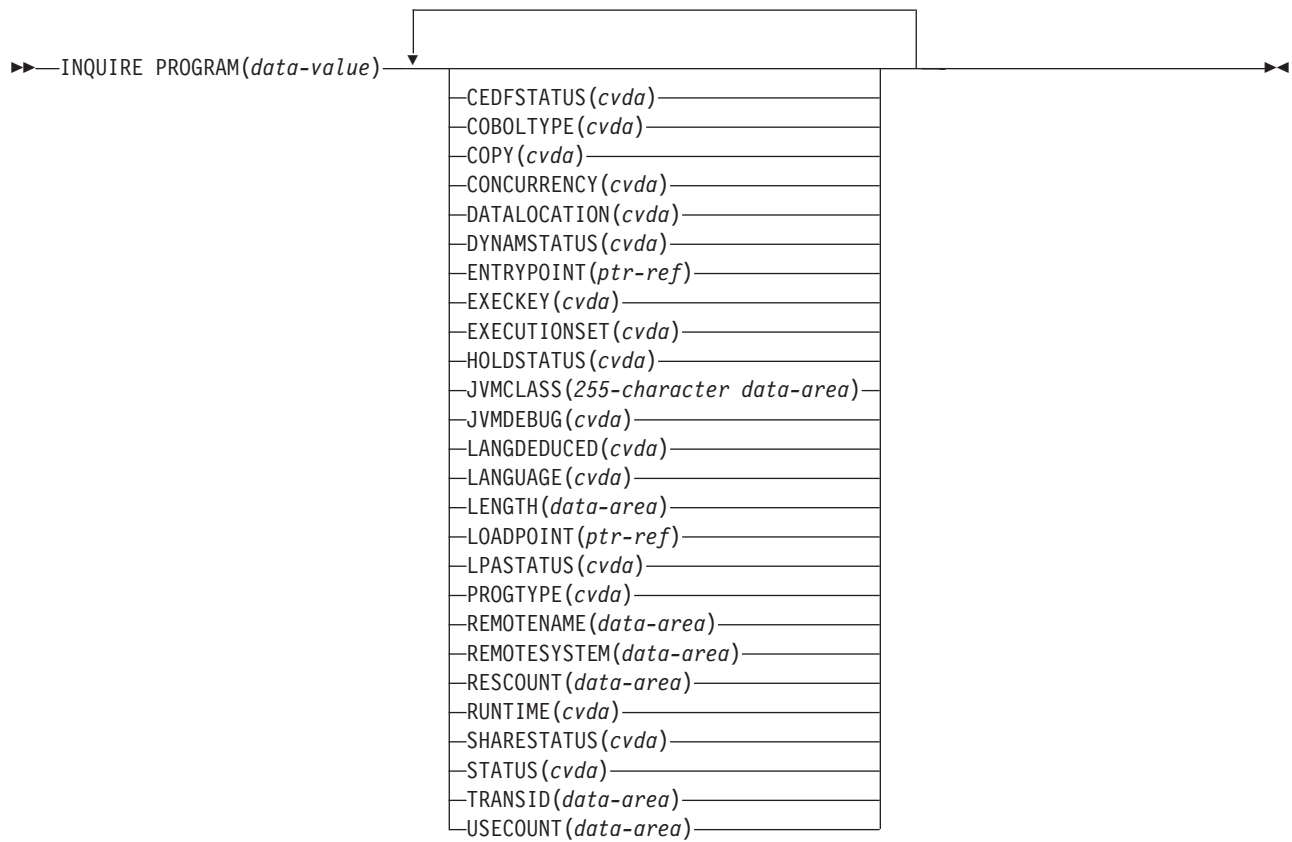
Conditions: NOTAUTH, PROCESSERR

### INQUIRE PROFILE



Conditions: END, ILLOGIC, NOTAUTH, PROFILEIDERR

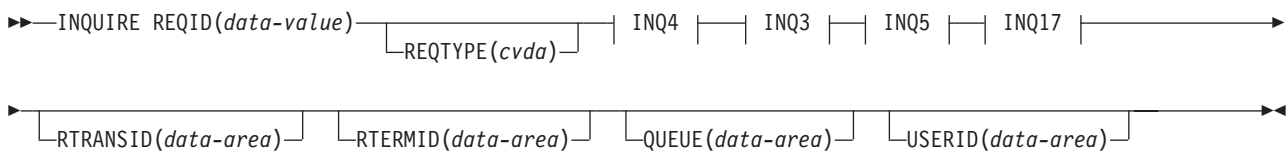
## INQUIRE PROGRAM



**Conditions:** END, ILLOGIC, NOTAUTH, PGMIDERR

## SPI syntax

### INQUIRE REQID



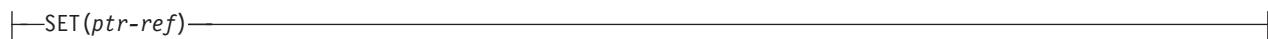
### INQ17



### INQ18



### INQ19



### INQ20



### INQ21



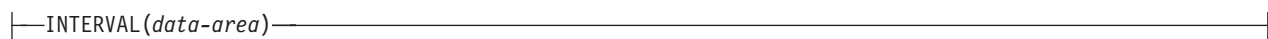
### INQ5



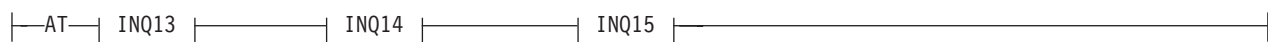
### INQ7



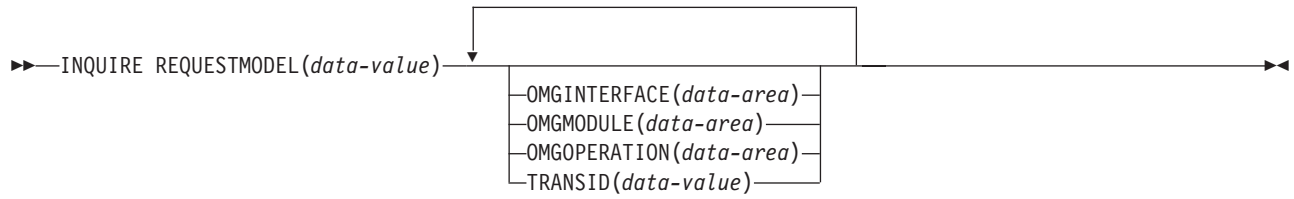
### INQ6



### INQ12

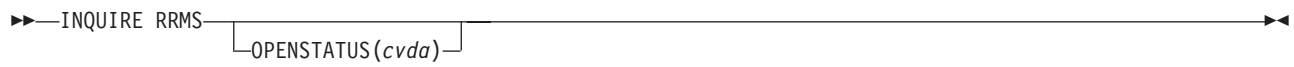


**INQUIRE REQUESTMODEL**



Conditions: END, ILLOGIC, JIDERR, NOTAUTH

**INQUIRE RRMS**



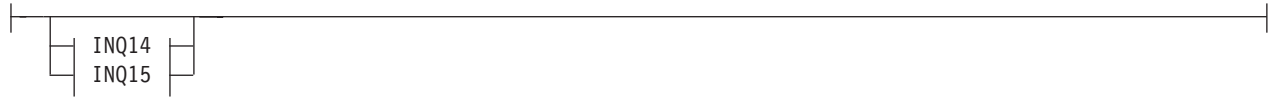
Conditions:

## SPI syntax

### INQUIRE STATISTICS



#### INQ13



#### INQ14



#### INQ15



#### INQ7



#### INQ8



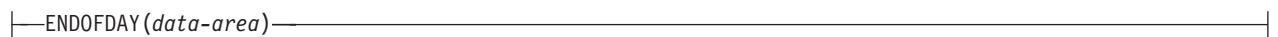
#### INQ9



#### INQ1



#### INQ2



#### endhrs:



#### endmins:



#### endsecs:

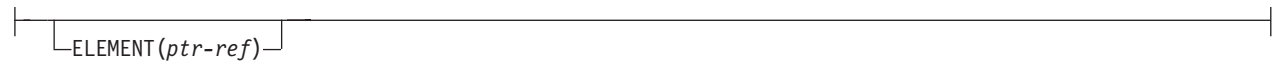
**INQUIRE STORAGE**



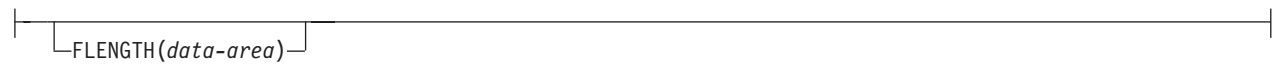
**INQ1**



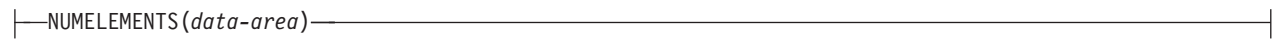
**INQ3**



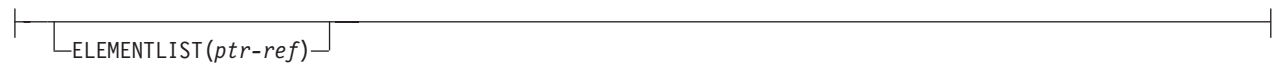
**INQ4**



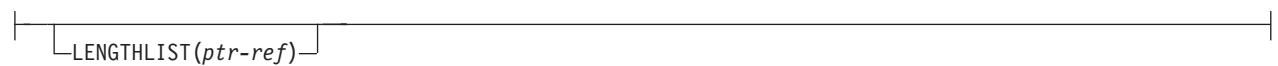
**INQ5**



**elist:**



**llist:**



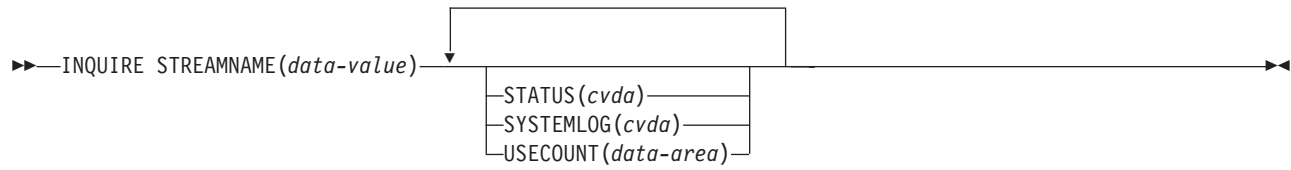
**task:**



**Conditions:** NOTAUTH, TASKIDERR

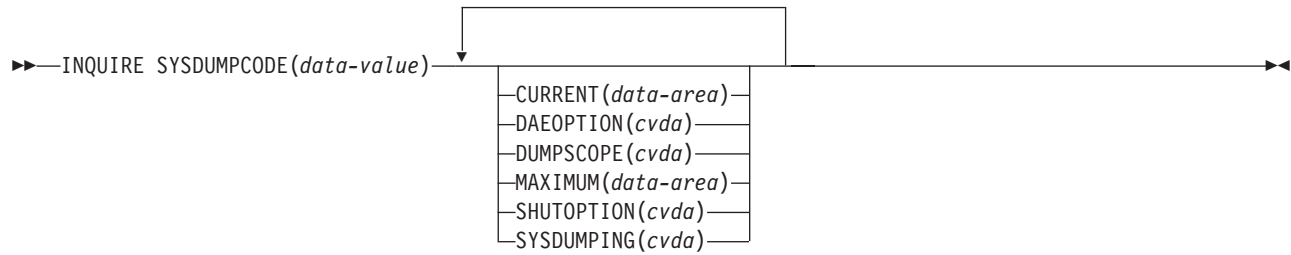
## SPI syntax

### INQUIRE STREAMNAME



**Conditions:** END, ILLOGIC, NOTAUTH, NOTFND

### INQUIRE SYSDUMPCODE



**Conditions:** END, ILLOGIC, NOTAUTH, NOTFND



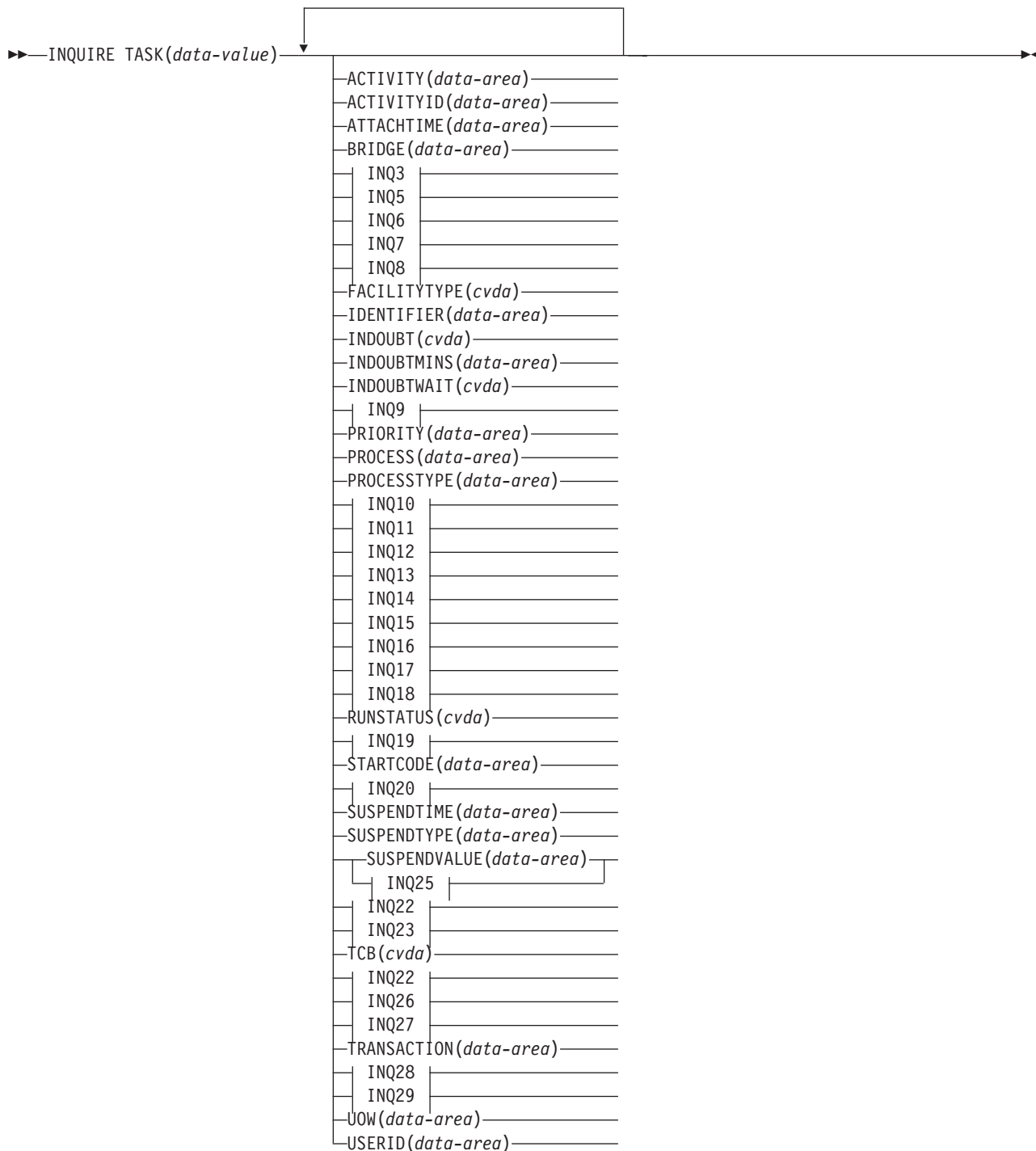
## INQUIRE SYSTEM

INQUIRE SYSTEM	
ACTOPENTCBS ( <i>data-area</i> )	
AKP ( <i>data-area</i> )	
CDSASIZE ( <i>data-area</i> )	
CICSTATUS ( <i>cvda</i> )	
CICSSYS ( <i>data-area</i> )	
CICSTSLEVEL ( <i>data-area</i> )	
CMDPROTECT ( <i>cvda</i> )	
COLDSTATUS ( <i>cvda</i> )	
DB2CONN ( <i>data-area</i> )	
DFLTUSER ( <i>data-area</i> )	
DSALIMIT ( <i>data-area</i> )	
DSRTPROGRAM ( <i>data-area</i> )	
DTRPROGRAM ( <i>data-area</i> )	
DUMPING ( <i>cvda</i> )	
ECDSASIZE ( <i>data-area</i> )	
EDSALIMIT ( <i>data-area</i> )	
ERDSASIZE ( <i>data-area</i> )	
ESDSASIZE ( <i>data-area</i> )	
EUDSASIZE ( <i>data-area</i> )	
FORCEQR ( <i>cvda</i> )	
GMMTEXT ( <i>data-area</i> )	GMMLength ( <i>data-area</i> )
GMMTRANID ( <i>data-area</i> )	
INITSTATUS ( <i>cvda</i> )	
JOBNAME ( <i>data-area</i> )	
LOGDEFER ( <i>data-area</i> )	
MAXOPENTCBS ( <i>data-area</i> )	
MAXTASKS ( <i>data-area</i> )	
MROBATCH ( <i>data-area</i> )	
OPREL ( <i>data-area</i> )	
OPSYS ( <i>data-area</i> )	
OSLEVEL ( <i>data-area</i> )	
PROGAUTOCTLG ( <i>cvda</i> )	
PROGAUTOEXIT ( <i>data-area</i> )	
PROGAUTOINST ( <i>cvda</i> )	
PRTYAGING ( <i>data-area</i> )	
RDSASIZE ( <i>data-area</i> )	
REENTPROTECT ( <i>cvda</i> )	
RELEASE ( <i>data-area</i> )	
RLSSTATUS ( <i>cvda</i> )	
RUNAWAY ( <i>data-area</i> )	
SCANDELAY ( <i>data-area</i> )	
SDSASIZE ( <i>data-area</i> )	
SDTRAN ( <i>data-area</i> )	
SECURITYMGR ( <i>cvda</i> )	
SHUTSTATUS ( <i>cvda</i> )	
SOSSTATUS ( <i>cvda</i> )	
STARTUP ( <i>cvda</i> )	
STARTUPDATE ( <i>data-area</i> )	
STOREPROTECT ( <i>cvda</i> )	
TIME ( <i>data-area</i> )	
TRANISOLATE ( <i>cvda</i> )	
UDSASIZE ( <i>data-area</i> )	
XRFSTATUS ( <i>cvda</i> )	

Condition: NOTAUTH

## SPI syntax

**INQUIRE TASK**



**INQ15**



**INQ3**

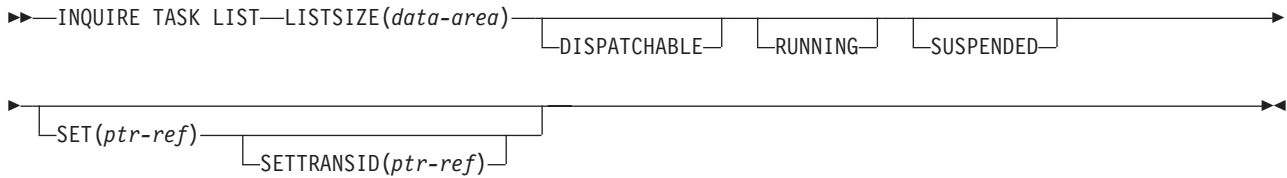


**INQ26**



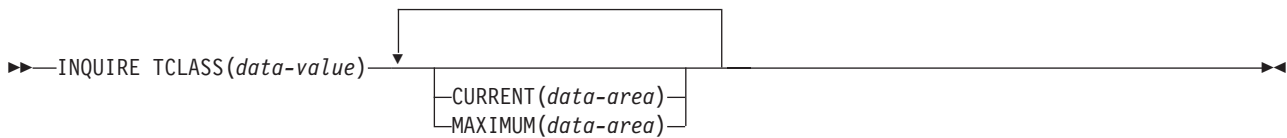
## SPI syntax

### INQUIRE TASK LIST



Condition: NOTAUTH

### INQUIRE TCLASS



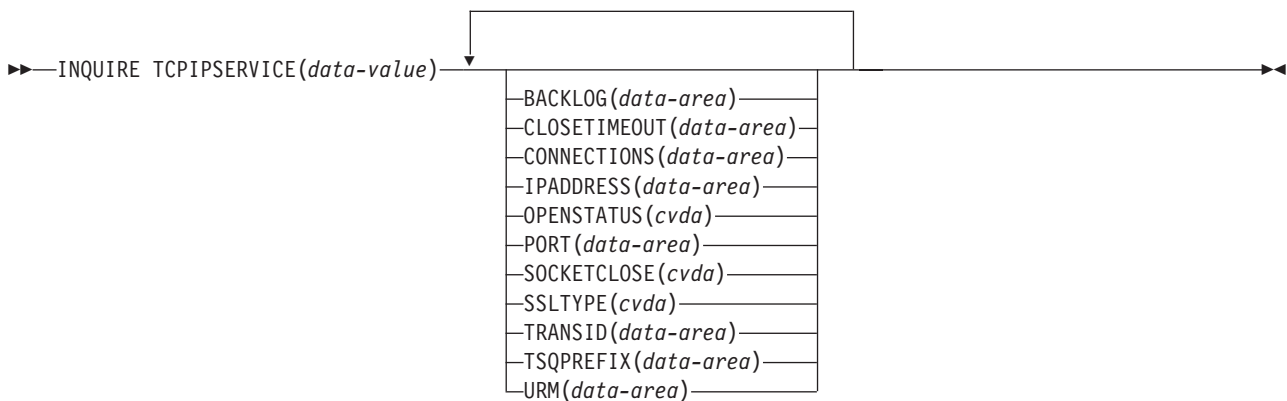
Conditions: NOTAUTH, TCIDERR

### INQUIRE TCPIP

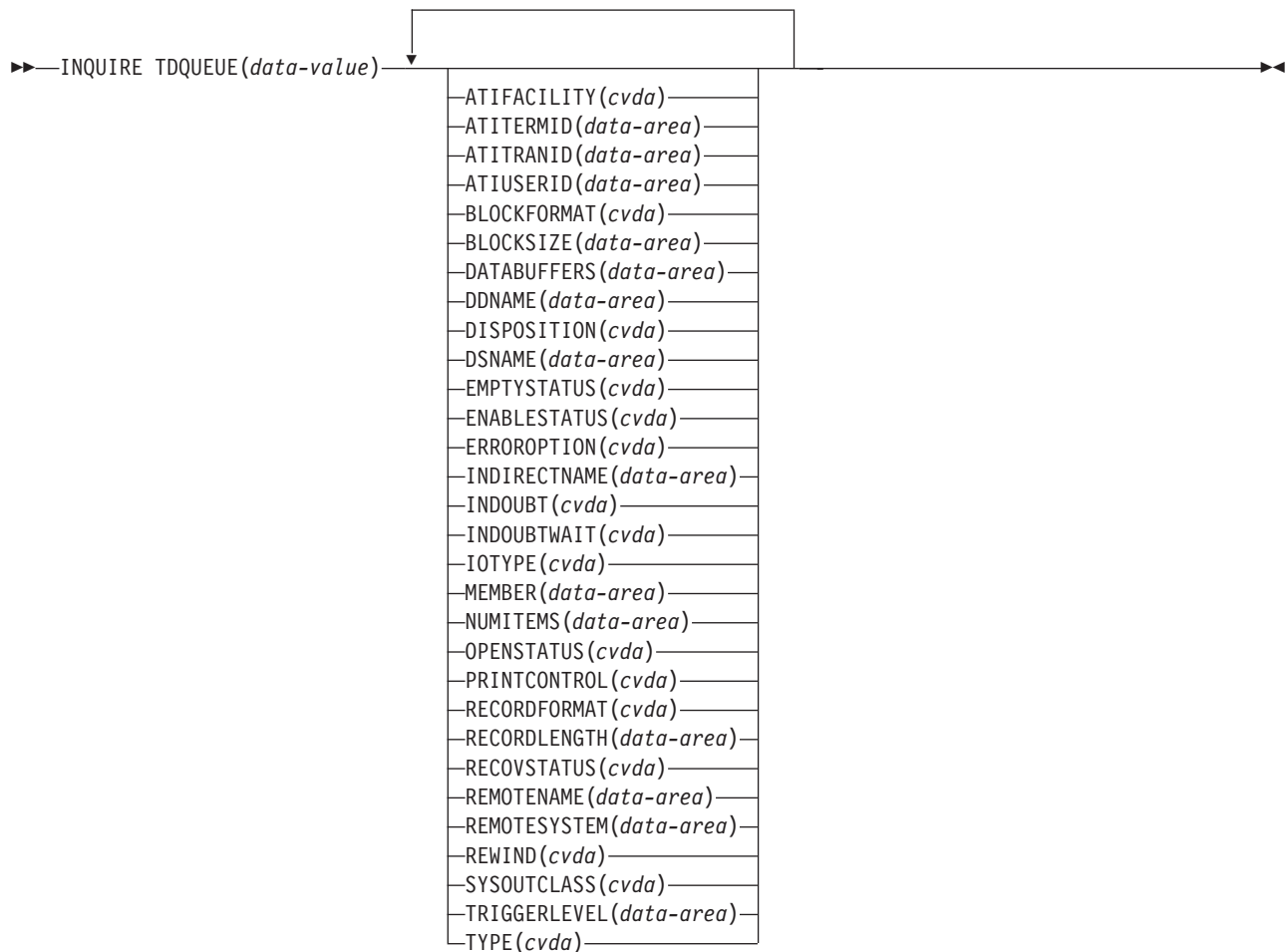


Conditions: INVREQ, NOTAUTH

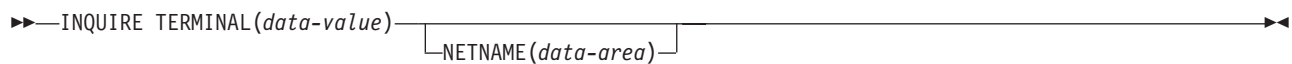
### INQUIRE TCPIPService



Conditions: INVREQ, NOTAUTH, NOTFND

**INQUIRE TDQUEUE**

**Conditions:** ENDCOND, ILOGIC, NORMAL, NOTAUTH, QIDERR

**INQUIRE TERMINAL/NETNAME**

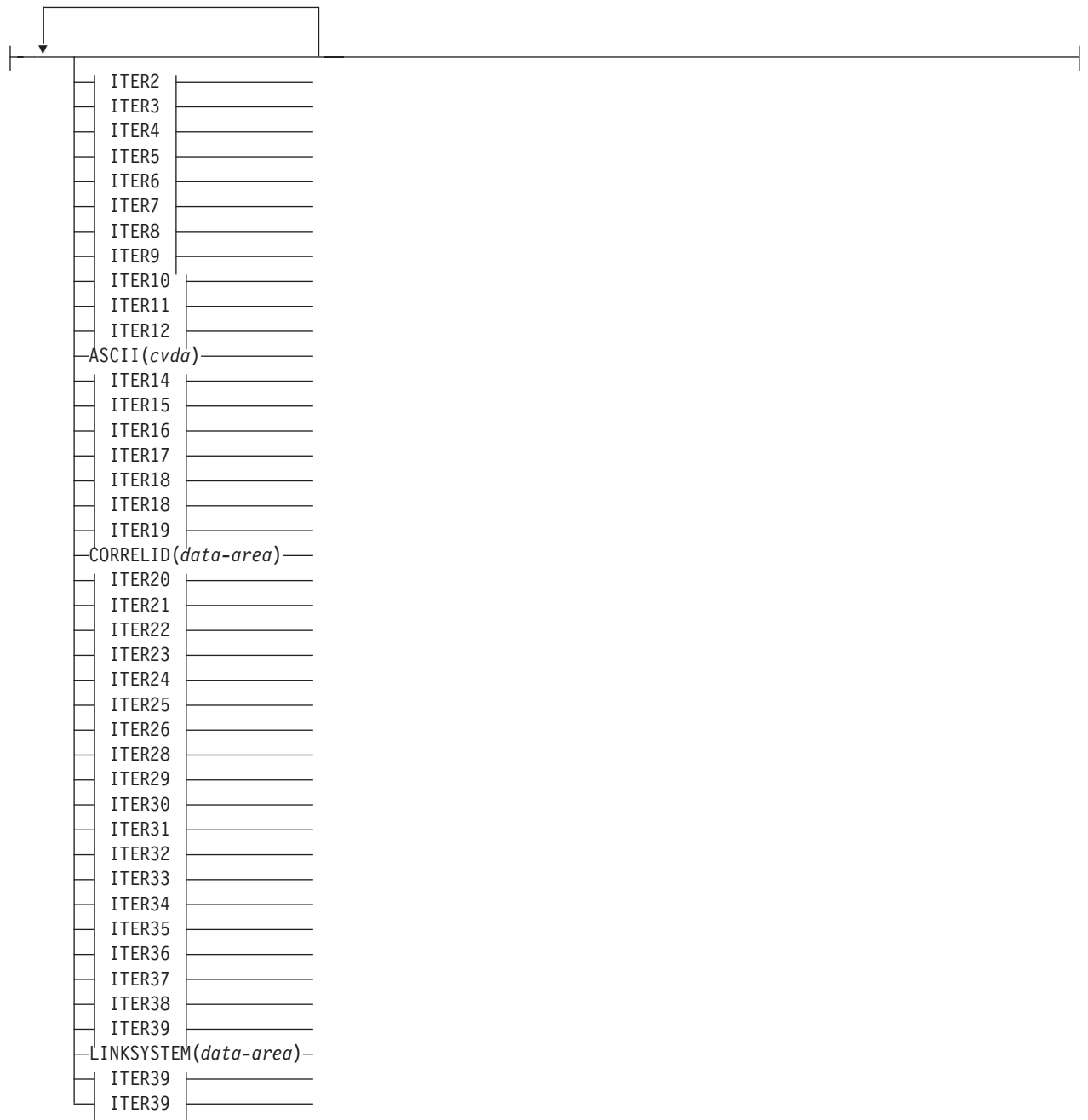
The following options apply to both the INQUIRE TERMINAL and the INQUIRE NETNAME command.

# SPI syntax

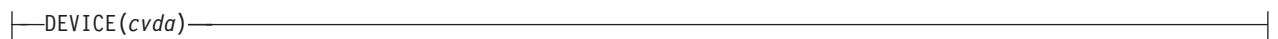
## INQUIRE TERMINAL



### ITER1



### ITER26



### ITER19



### ITER36

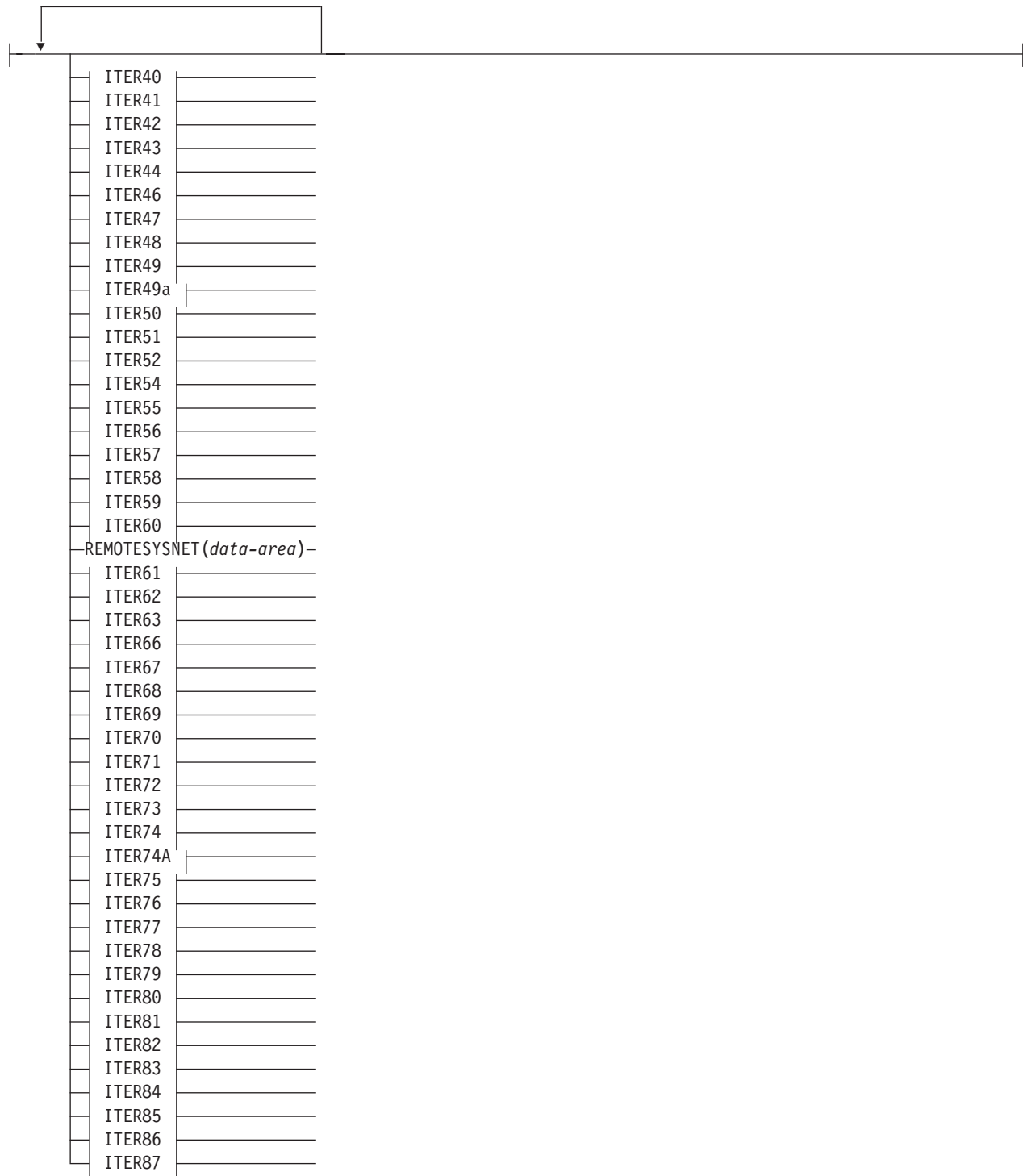


## SPI syntax

### INQUIRE TERMINAL



### ITER88



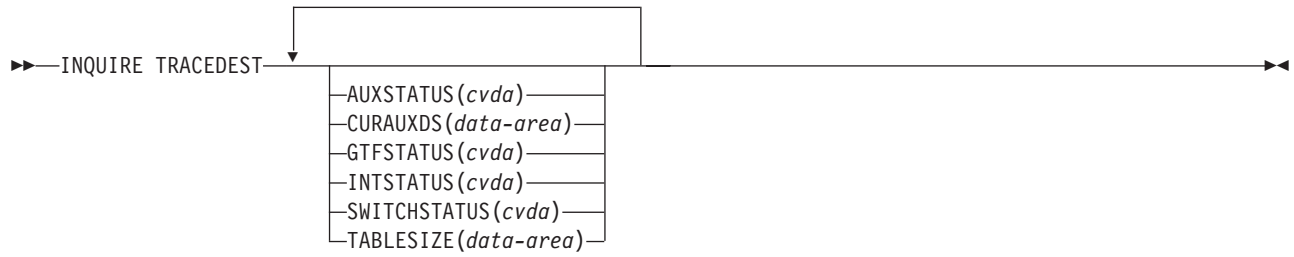
### ITER70



### ITER43

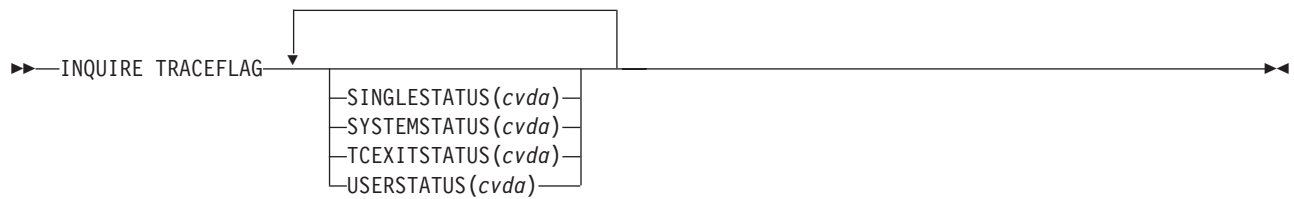


### INQUIRE TRACEDEST



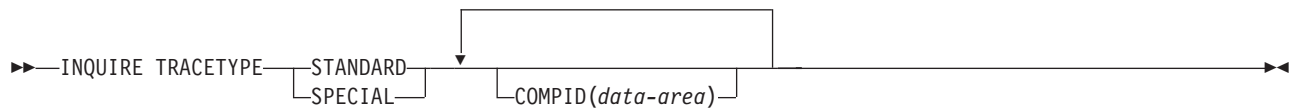
Conditions: NOTAUTH

### INQUIRE TRACEFLAG



Conditions: NOTAUTH

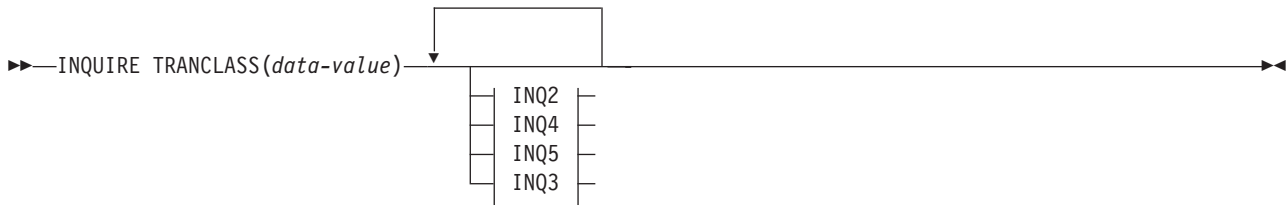
### INQUIRE TRACETYPE



Conditions: NOTAUTH, NOTFND

## SPI syntax

### INQUIRE TRANCLASS



#### INQ3

—QUEUED(*data-area*)—

#### INQ2

—ACTIVE(*data-area*)—

#### INQ4

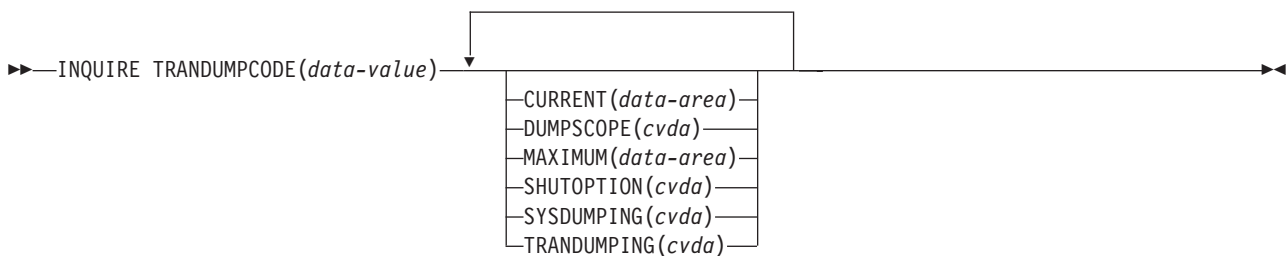
—MAXACTIVE(*data-area*)—

#### INQ5

—PURGETHRESH(*data-area*)—

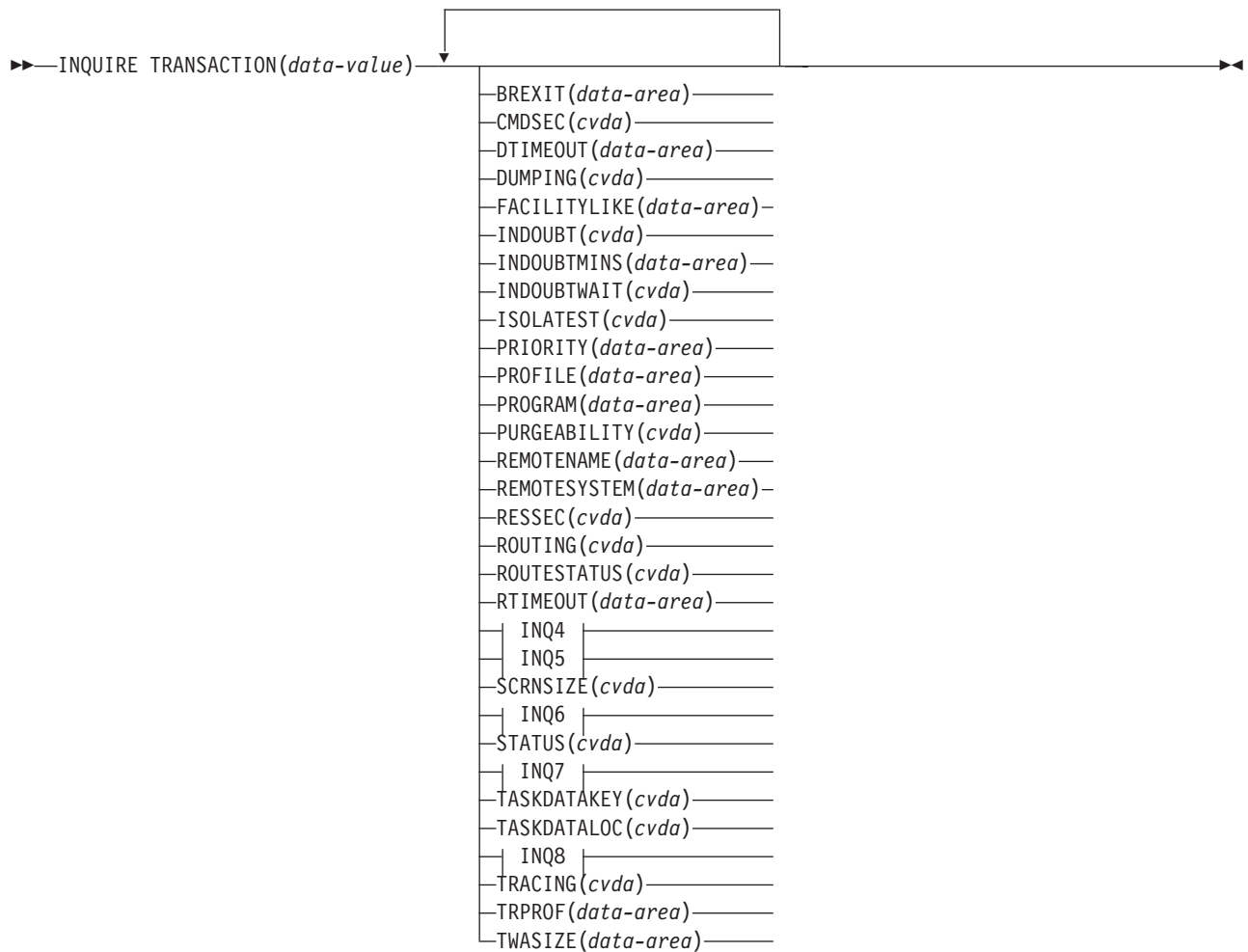
Conditions: INVREQ, NOTAUTH, TCIDERR

### INQUIRE TRANDUMPCODE



Conditions: END, ILLOGIC, NOTAUTH, NOTFND

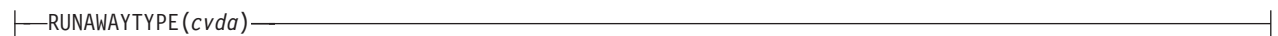
**INQUIRE TRANSACTION**



**INQ6**



**INQ5**



**INQ7**



**INQ4**



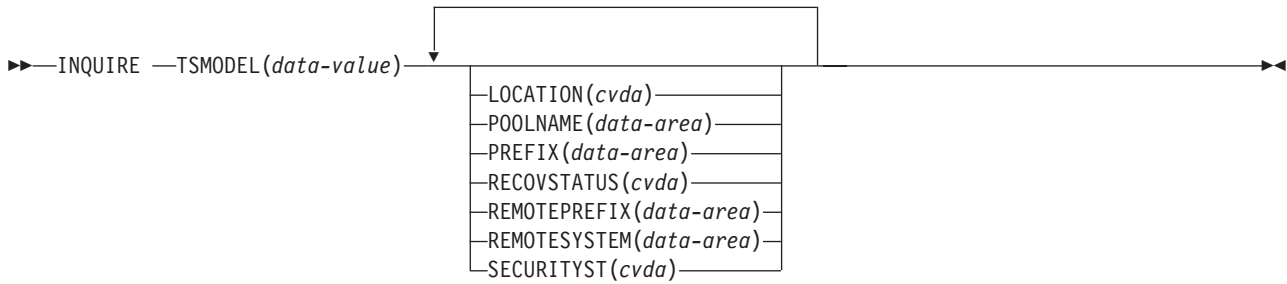
**INQ8**



**INQ9**

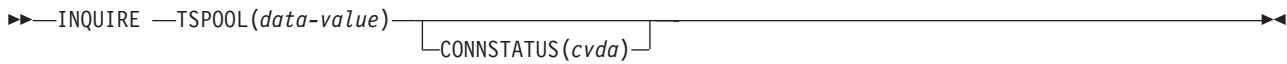
## SPI syntax

### INQUIRE TSMODEL



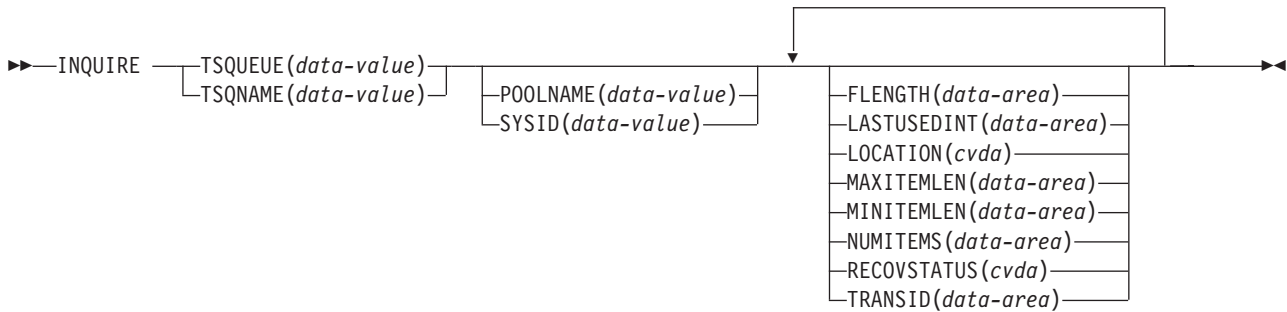
Conditions: END, ILLOGIC, NOTAUTH, NOTFND

### INQUIRE TSPool



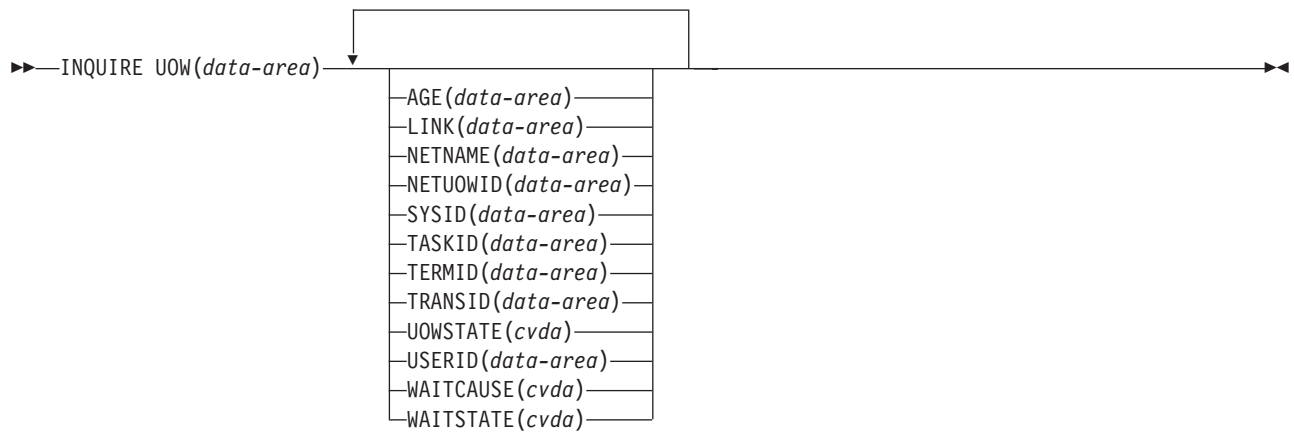
Conditions: END, ILLOGIC, NOTAUTH, NOTFND

### INQUIRE TSQUEUE



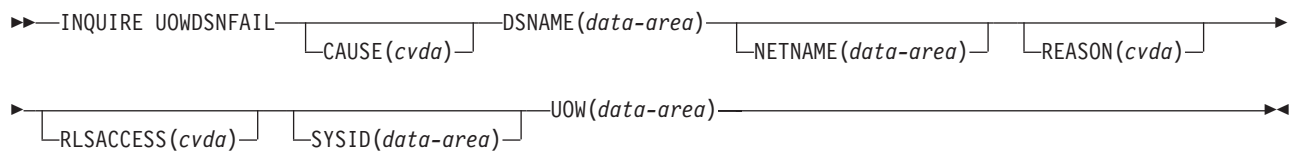
Conditions: END, ILLOGIC, INVREQ, NOTAUTH, POOLERR, QIDERR, SYSIDERR

**INQUIRE UOW**



**Conditions:** END, ILLOGIC, NOTAUTH, UOWNOTFOUND

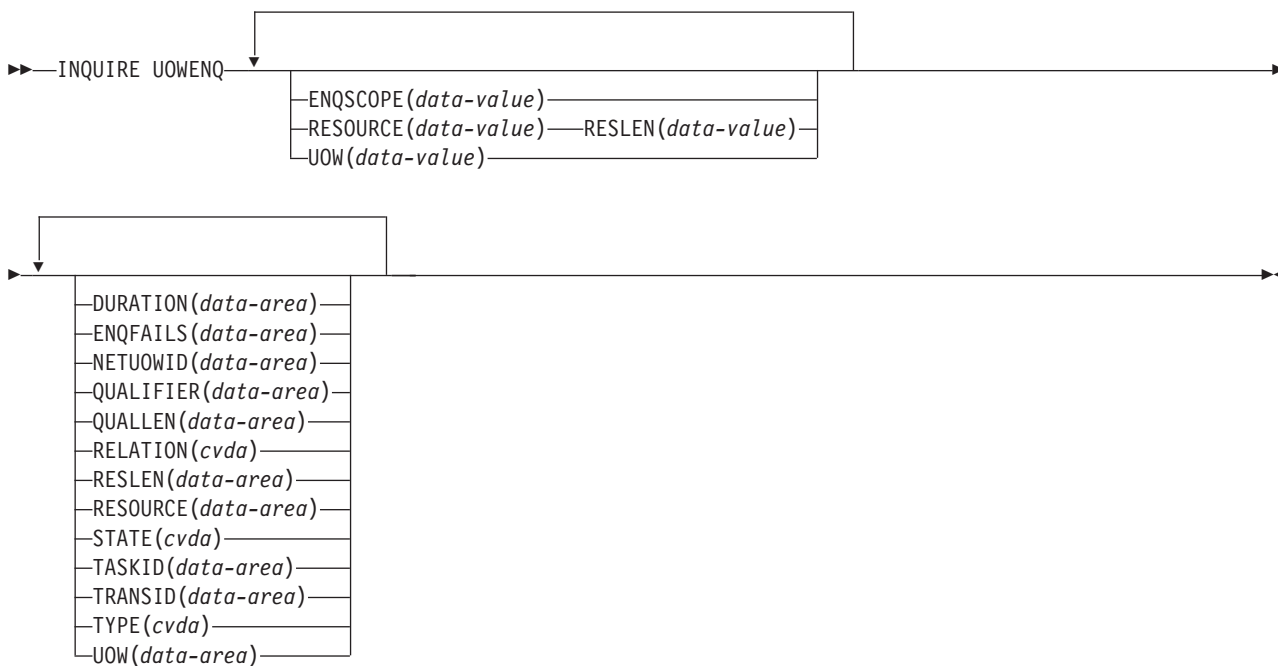
**INQUIRE UOWDSNFAIL**



**Conditions:** END, ILLOGIC, NOTAUTH

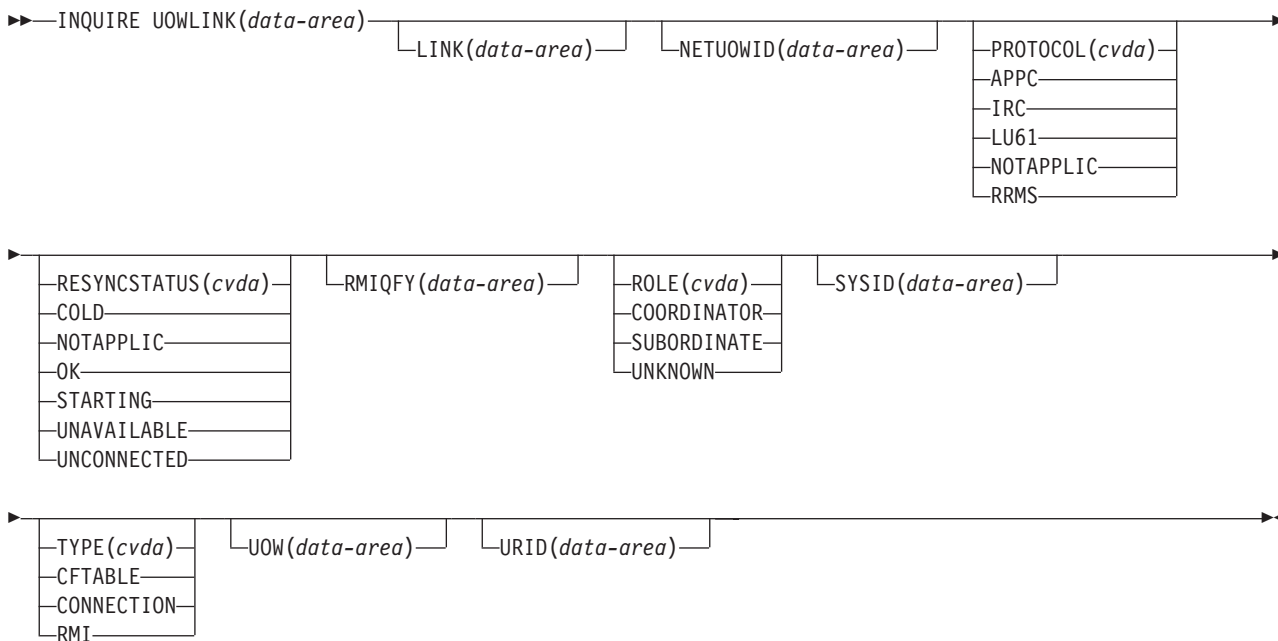
## SPI syntax

### INQUIRE UOWENQ



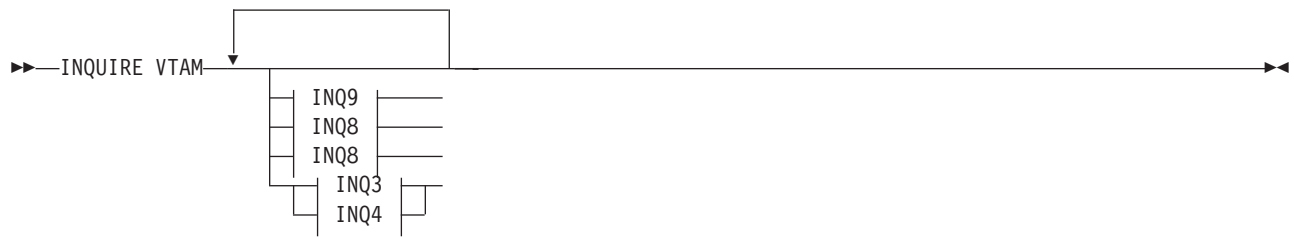
Conditions: END, ILLOGIC, NOTAUTH, UOWNOTFOUND

### INQUIRE UOWLINK

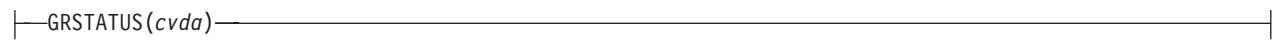


Conditions: END, ILLOGIC, NOTAUTH, UOWLINKNOTFOUND, UOWNOTFOUND

**INQUIRE VTAM**



**INQ8**



**INQ8**



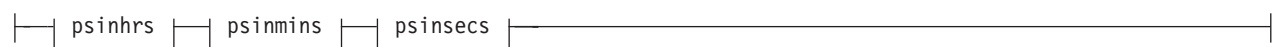
**INQ9**



**INQ3**



**INQ4**



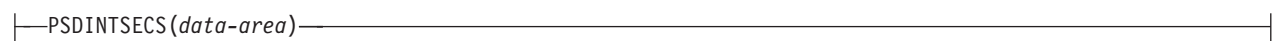
**psinhrs:**



**psinmins:**



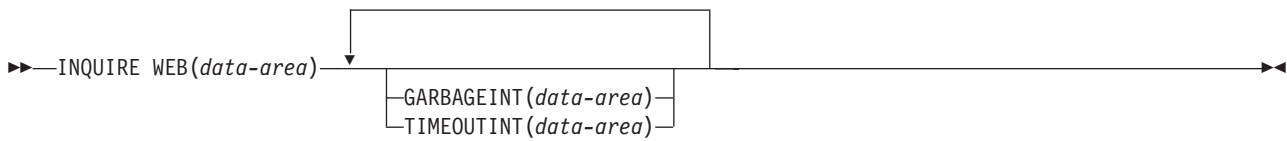
**psinsecs:**



Conditions: INVREQ, NOTAUTH

## SPI syntax

### INQUIRE WEB



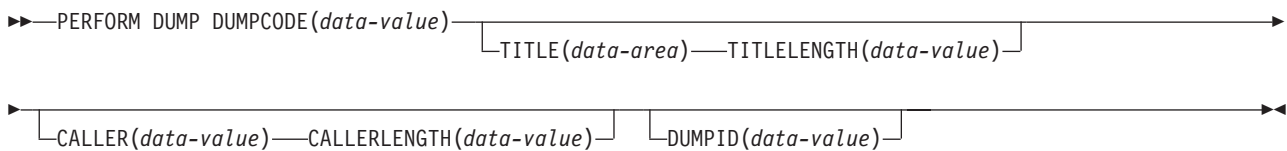
Conditions: NOTAUTH

### PERFORM DELETSHIPED



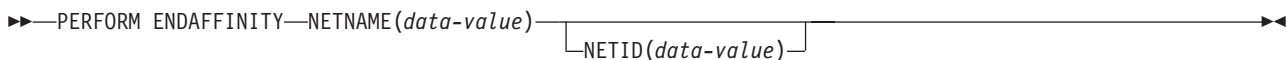
Conditions: NOTAUTH

### PERFORM DUMP



Conditions: INVREQ, IOERR, NOSPACE, NOSTG, NOTAUTH, SUPPRESSED, SYSBUSY

### PERFORM ENDAFFINITY



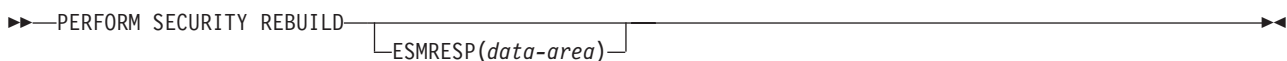
Conditions: INVREQ

### PERFORM RESETTIME



Conditions: INVREQ, NOTAUTH

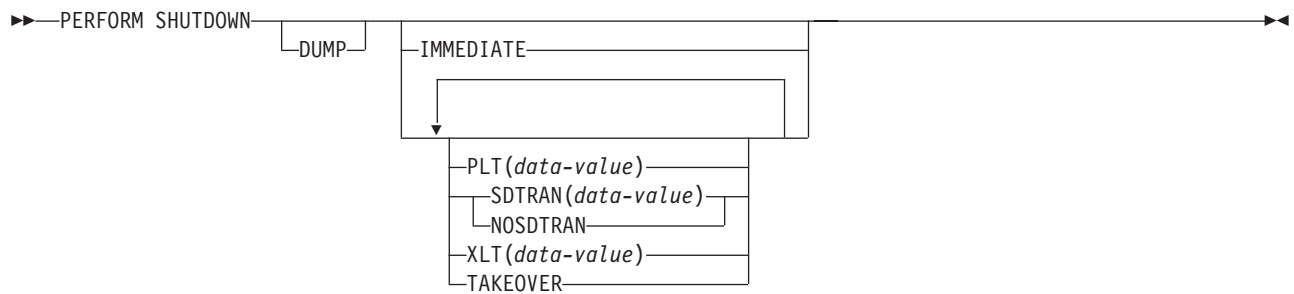
### PERFORM SECURITY REBUILD



Conditions: INVREQ, IOERR, NORMAL, NOTAUTH, SYSBUSY

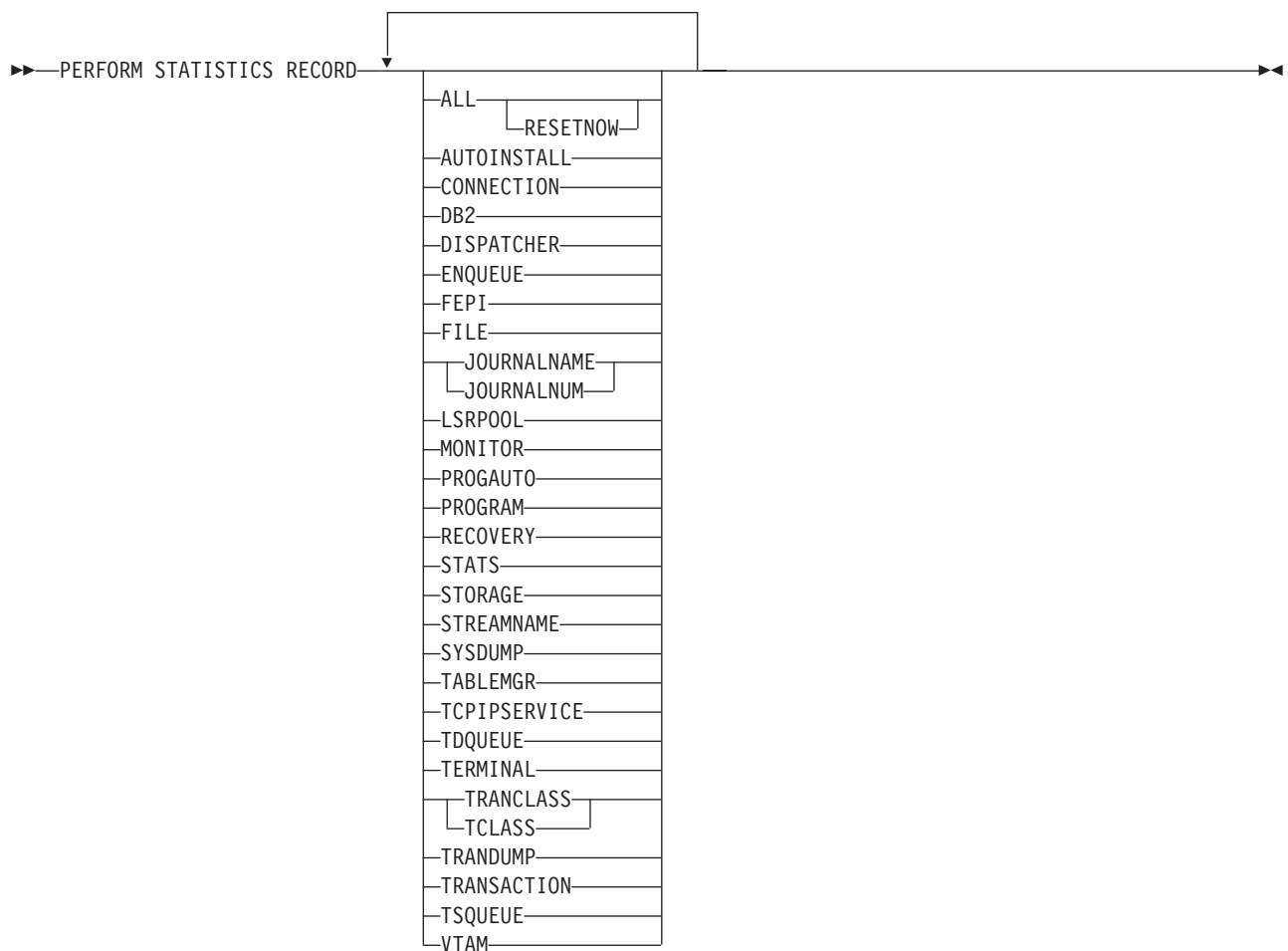


**PERFORM SHUTDOWN**



Conditions: INVREQ, NOTAUTH, TRANSIDERR

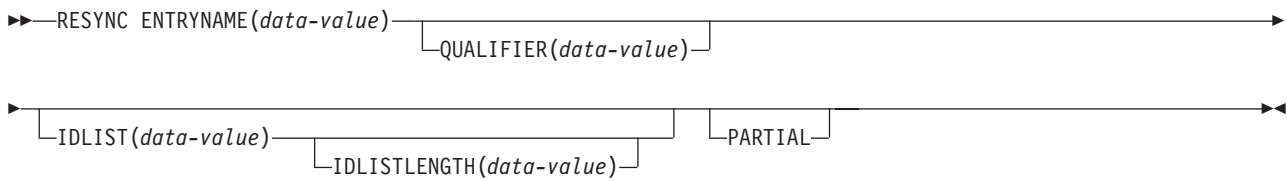
**PERFORM STATISTICS RECORD**



Conditions: IOERR, NOTAUTH, NOTFND

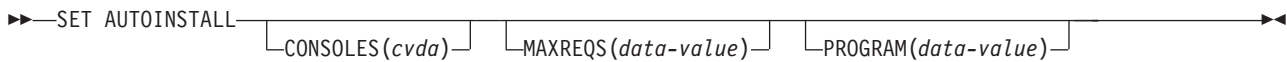
## SPI syntax

### RESYNC ENTRYNAME



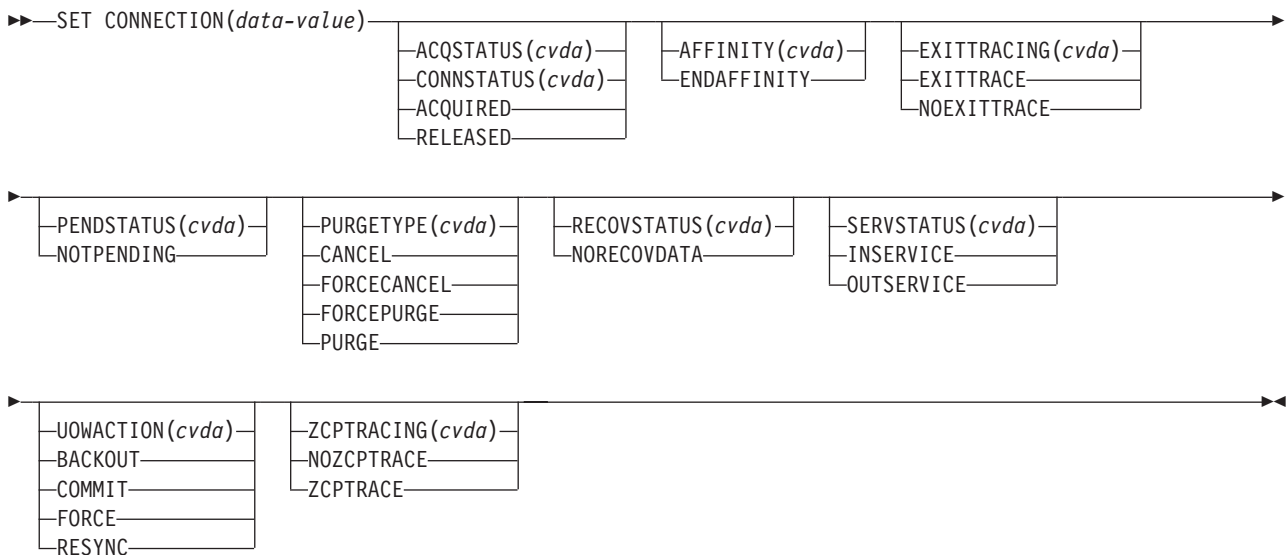
Conditions: NOTAUTH

### SET AUTOINSTALL



Conditions: INVREQ, NOTAUTH, PGMIDERR

### SET CONNECTION

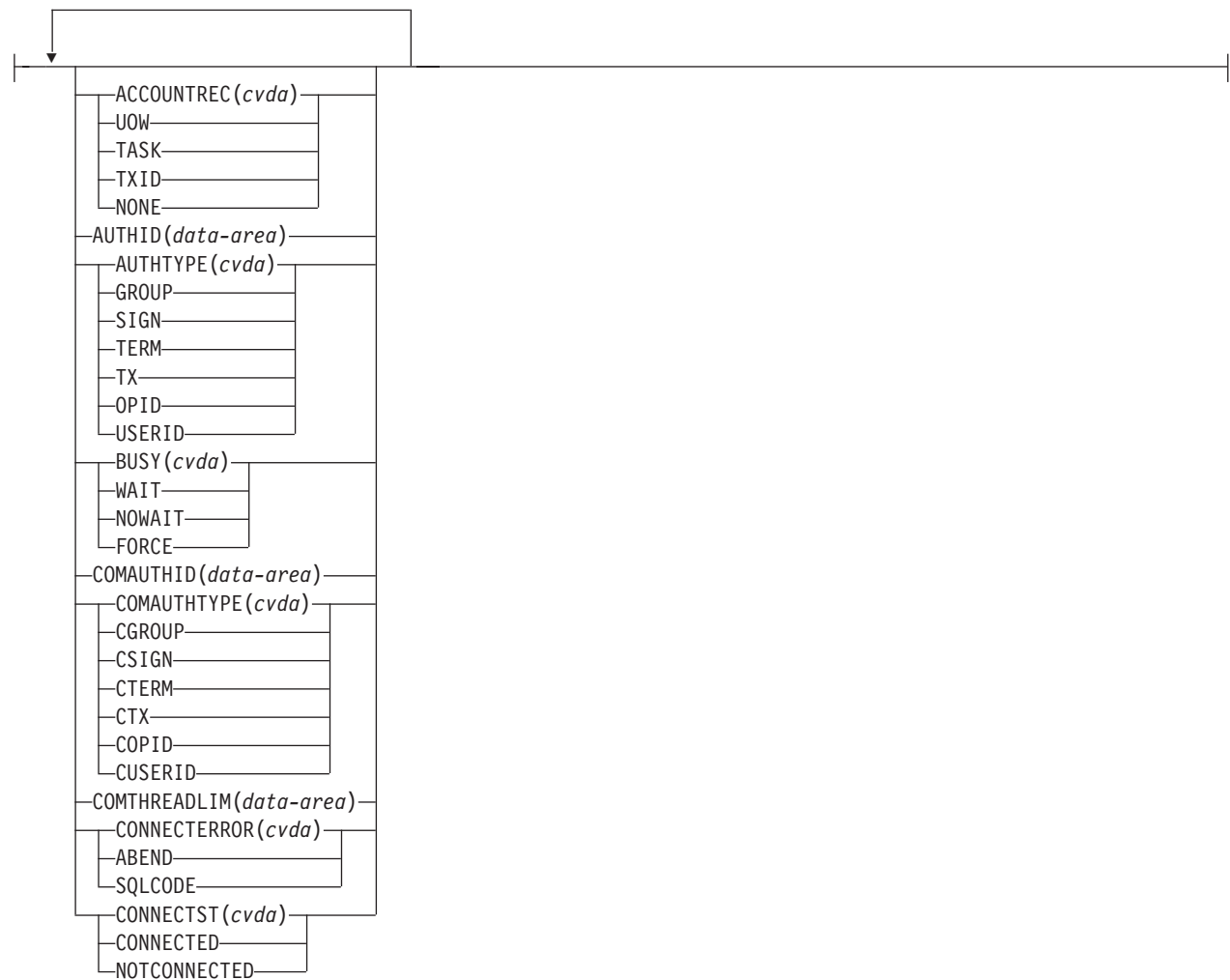


Conditions: INVREQ, IOERR, NORMAL, NOTAUTH, SYSIDERR

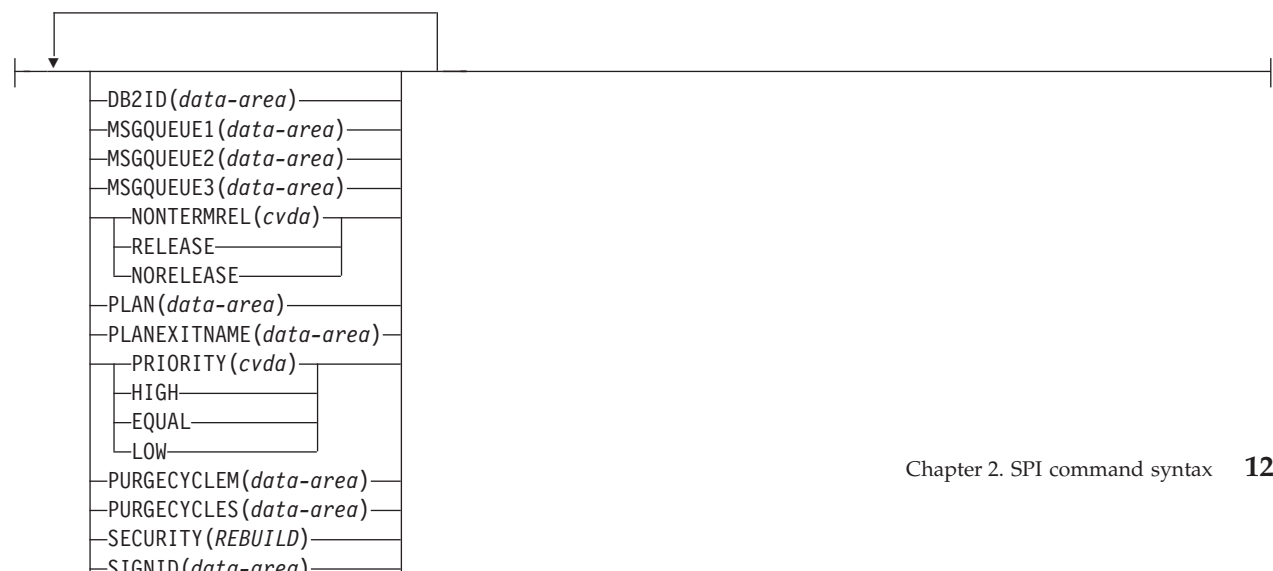
**SET DB2CONN**



**ASS1**

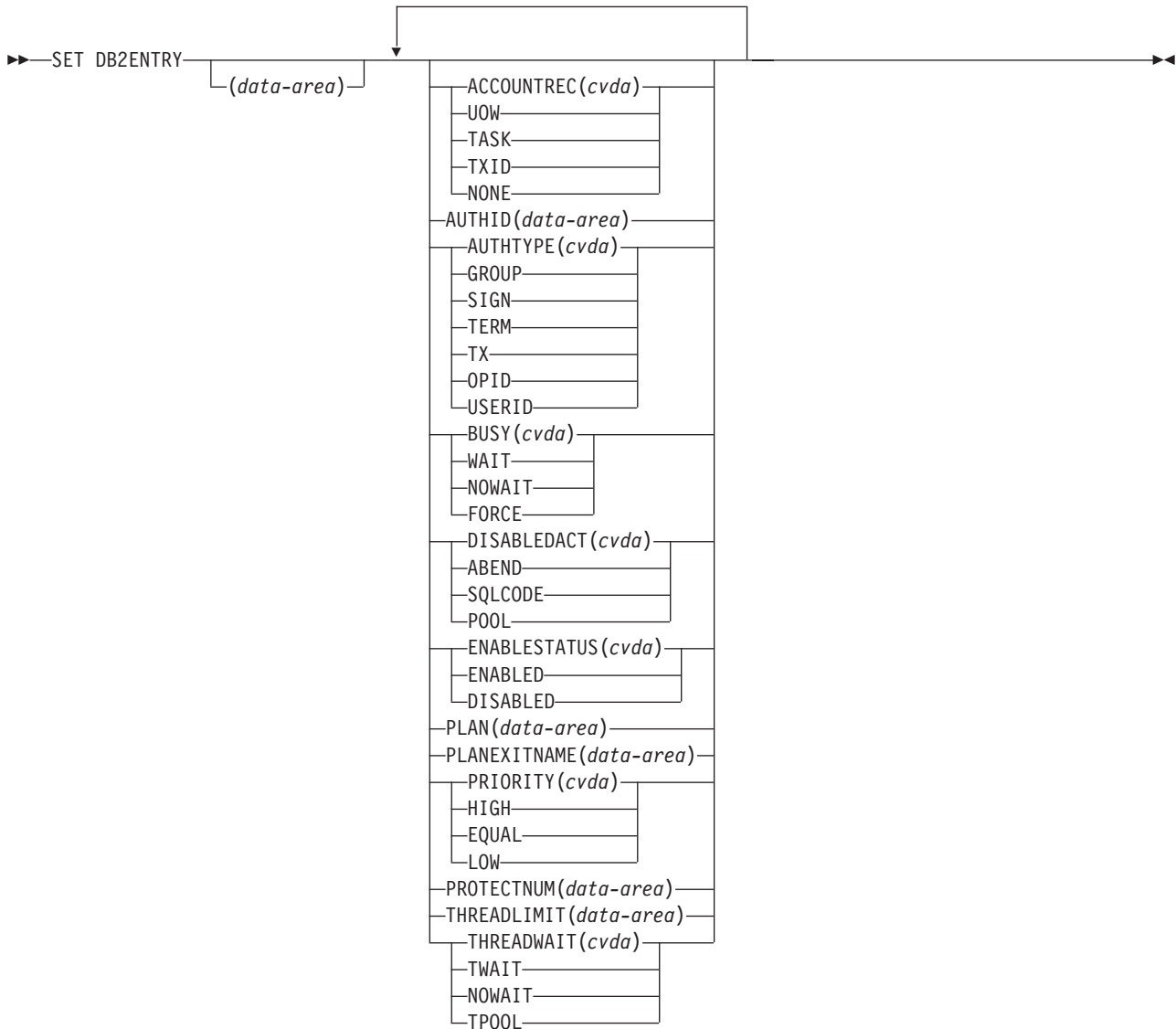


**ASS43**



## SPI syntax

### refid=synsyn.SET DB2ENTRY



Conditions: NOTAUTH, NOTFND, INVREQ

### refid=synsyn.SET DB2TRAN



Conditions: NOTAUTH, NOTFND, INVREQ

**SET DELETSHIPED**



**SET2**



**SET2**



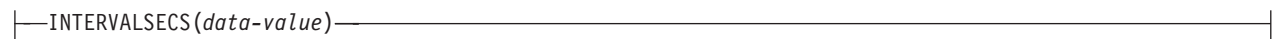
**SET3**



**SET4**



**SET6**



**SET5**



**SET7**



**SET8**

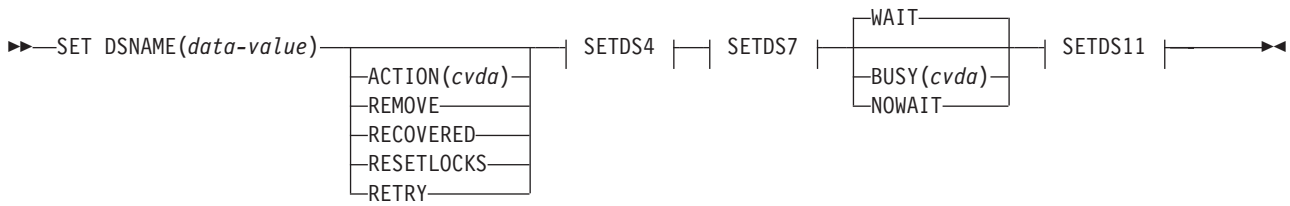


**SET9**



## SPI syntax

### SET DSNAME



### SETDS11



### SETDS12



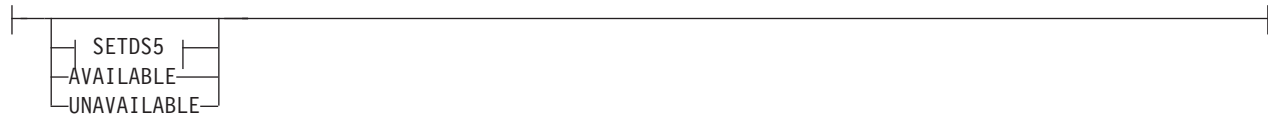
### SETDS7



### SETDS8



### SETDS4

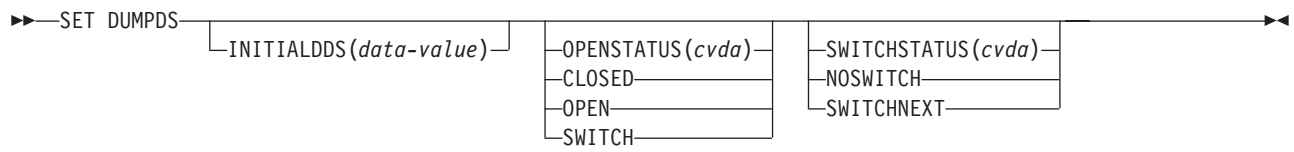


### SETDS5



**Conditions:** DSNNOTFOUND, INVREQ, IOERR, NOTAUTH, SUPPRESSED

**SET DUMPDS**



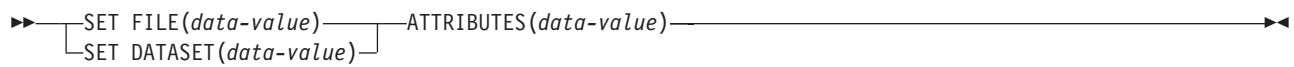
Conditions: INVREQ, IOERR, NOTAUTH

**SET ENQMODEL**



Conditions: INVREQ, NOTAUTH, NOTFND

**SET FILE**

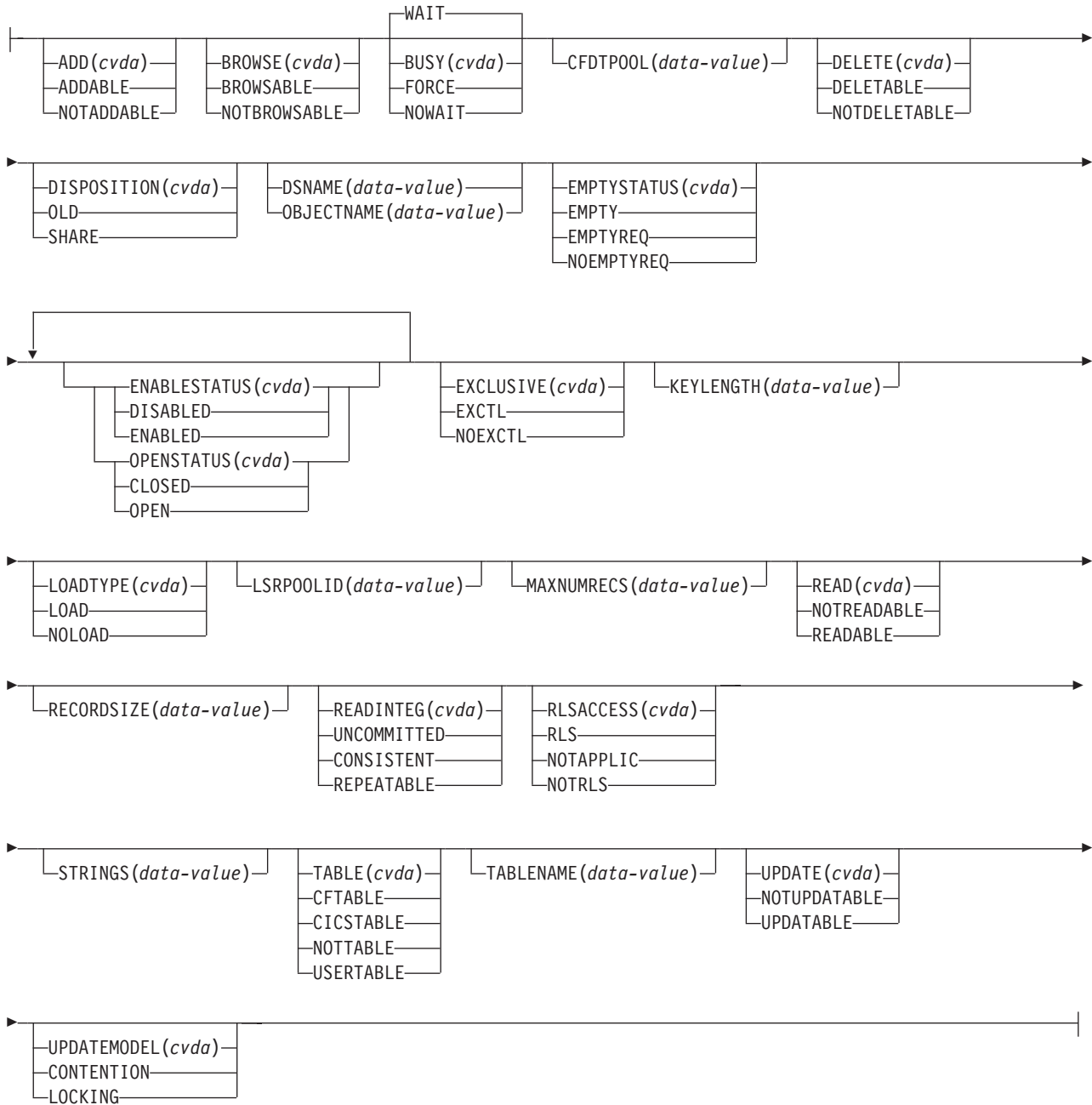


Conditions: FILENOTFOUND, INVREQ, IOERR, NOTAUTH

## SPI syntax

### SET FILE

#### FILE attributes:



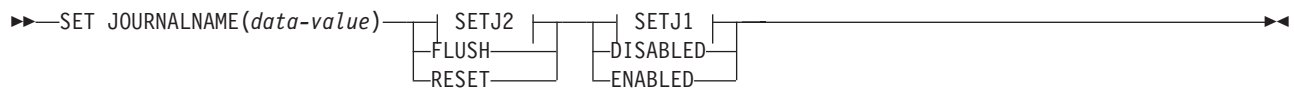


**SET IRC**



Conditions: INVREQ, IOERR, NOSTG, NOTAUTH

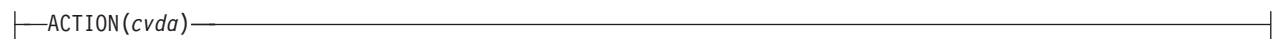
**SET JOURNALNAME**



**SETJ1**

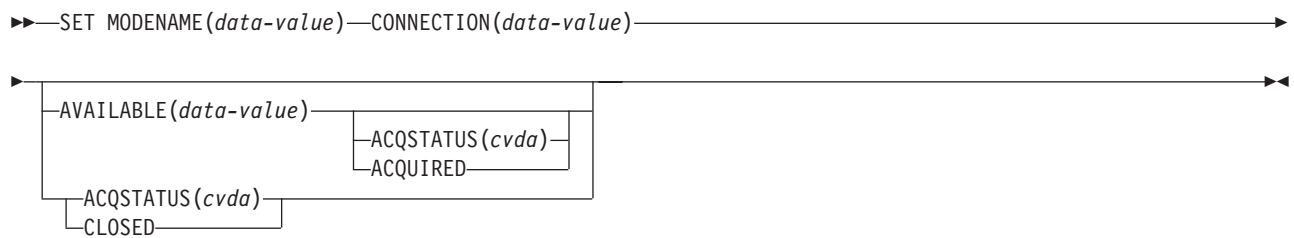


**SETJ2**



Conditions: INVREQ, IOERR, JIDERR, NOTAUTH

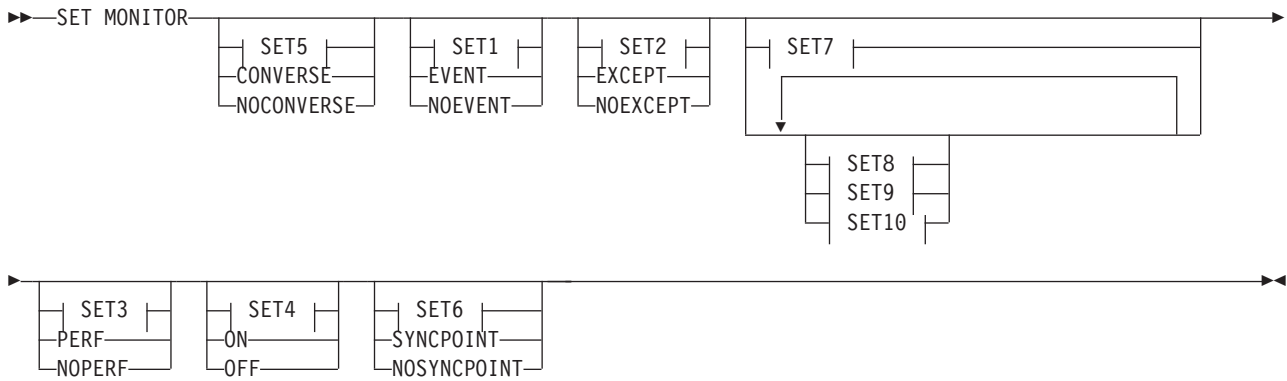
**SET MODENAME**



Conditions: INVREQ, NOTAUTH, SYSIDERR

## SPI syntax

### SET MONITOR



#### SET6

—SYNCPOINTST(*cvda*)—

#### SET4

—STATUS(*cvda*)—

#### SET3

—PERFCLASS(*cvda*)—

#### SET7

—FREQUENCY(*data-value*)—

#### SET10

—FREQUENCYSEC(*data-value*)—

#### SET8

—FREQUENCYHRS(*data-value*)—

#### SET9

—FREQUENCYMIN—(*data-value*)—

#### SET2

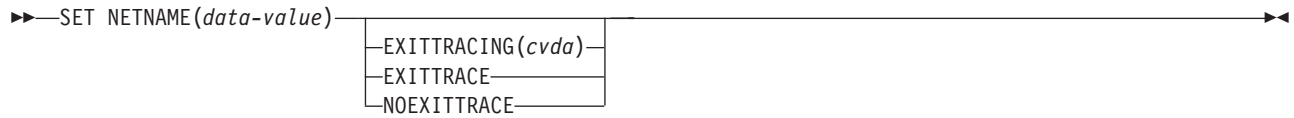
—EXCEPTCLASS(*cvda*)—

#### SET1

—EVENTCLASS(*cvda*)—

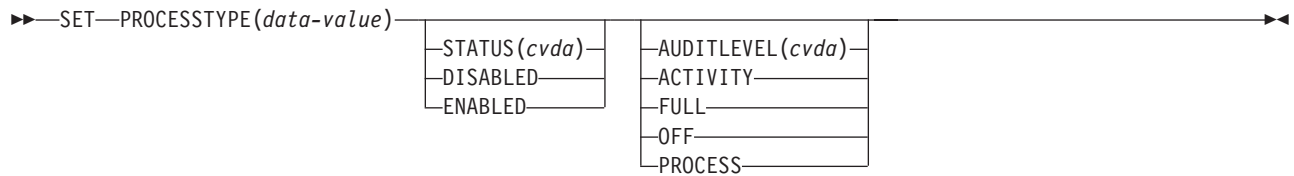
#### SET5

**SET NETNAME**



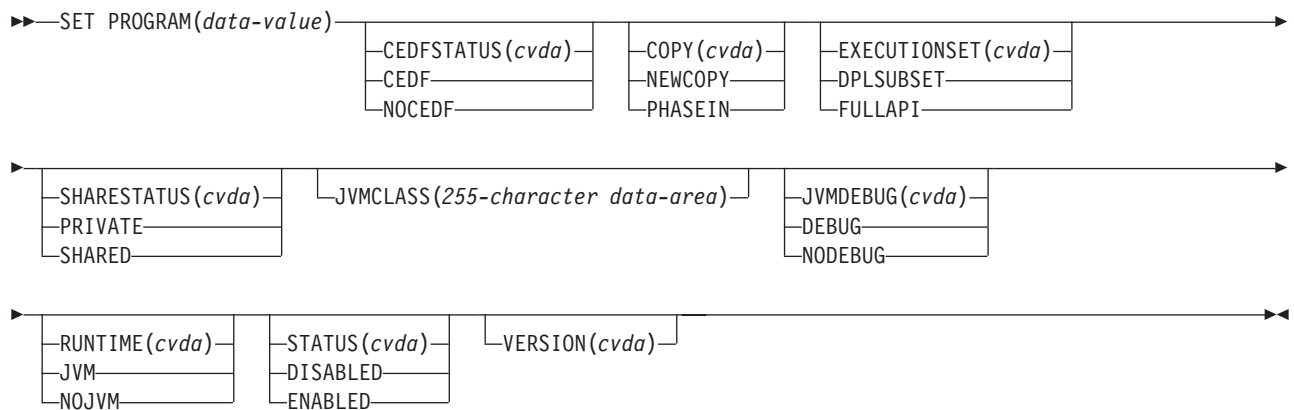
Conditions: INVREQ, NOTAUTH

**SET PROCESSTYPE**



Conditions: INVREQ, NOTAUTH, PROCESSERR

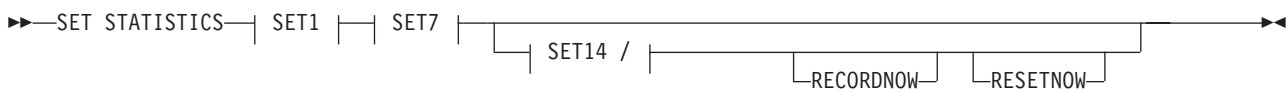
**SET PROGRAM**



Conditions: INVREQ, IOERROR, NOTAUTH, PGMIDERR

## SPI syntax

### SET STATISTICS



### SET14 /



### SET7



### SET8



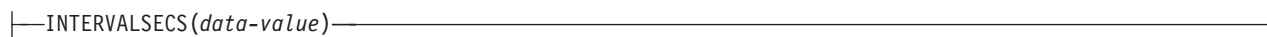
### SET3



### SET4



### SET12



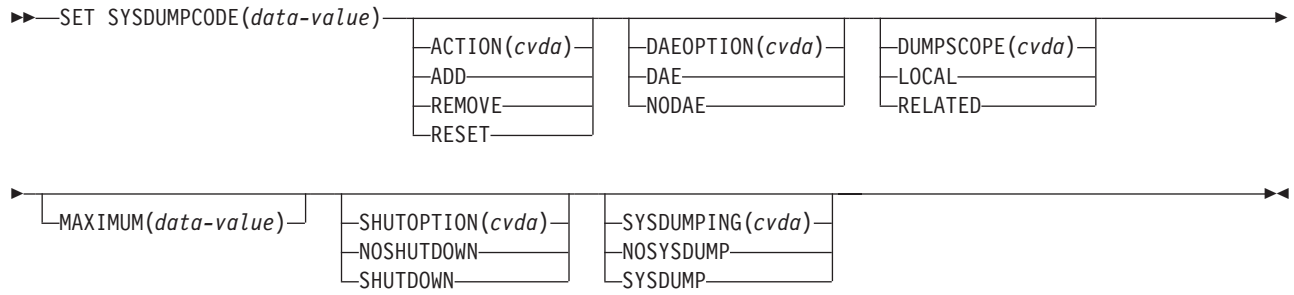
### SET11



### SET1

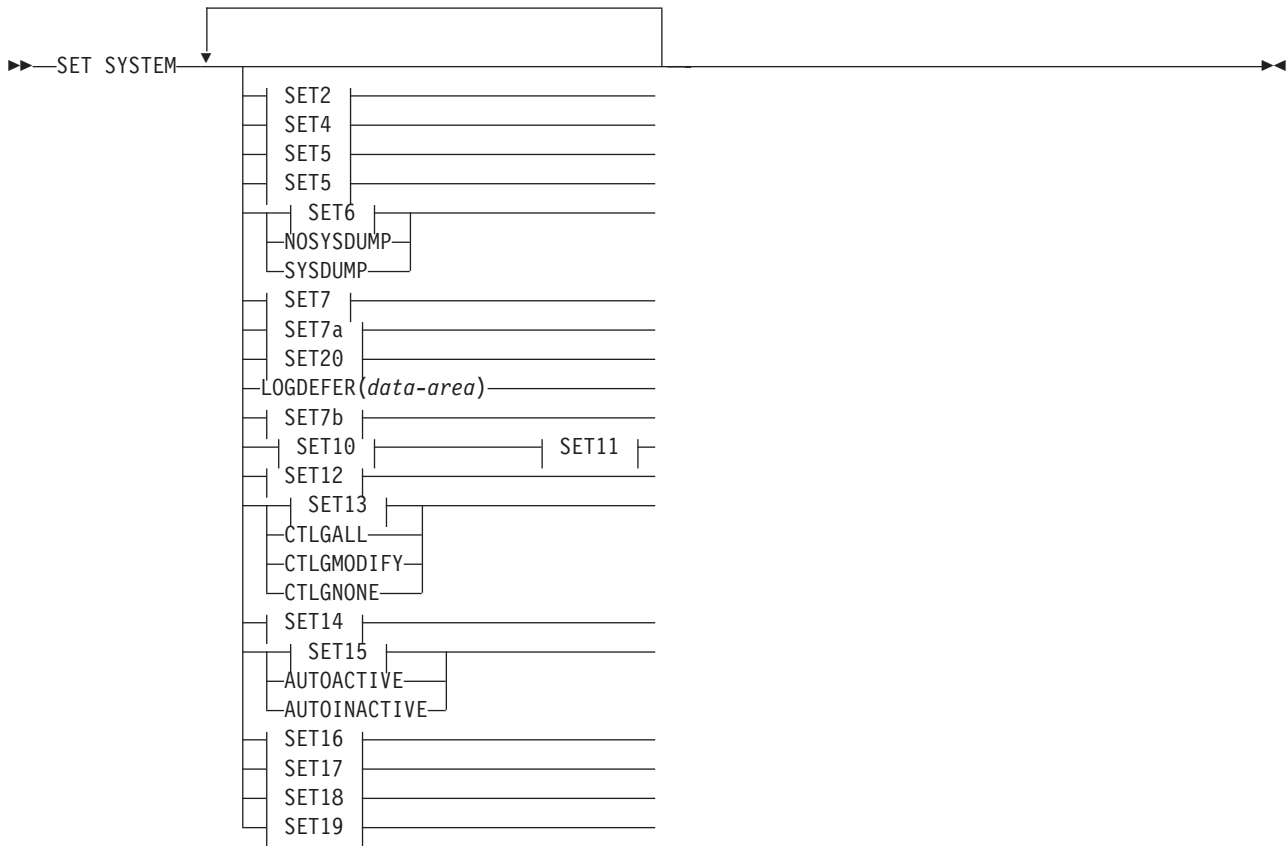


**SET SYSDUMPCODE**



**Conditions:** DUPREC, INVREQ, IOERR, NOSPAC, NOTAUTH, NOTFND

**SPI syntax**  
**SET SYSTEM**



**SET7a**

|—FORCEQR(*cvda*)—|

**SET2**

|—AKP(*data-value*)—|

**SET19**

|—TIME(*data-value*)—|

**SET17**

|—RUNAWAY(*data-value*)—|

**SET12**

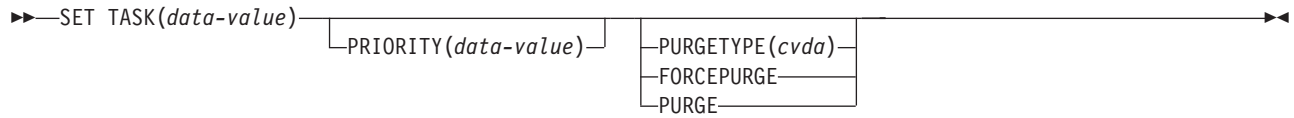
|—MROBATCH(*data-value*)—|

**SET4**

|—DSALIMIT(*data-value*)—|

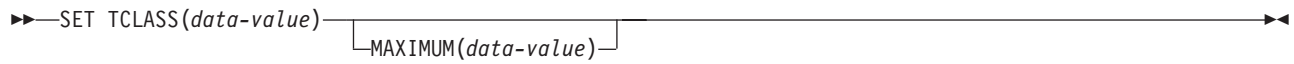
**SET18**

**SET TASK**



Conditions: INVREQ, NOTAUTH, TASKIDERR

**SET TCLASS**



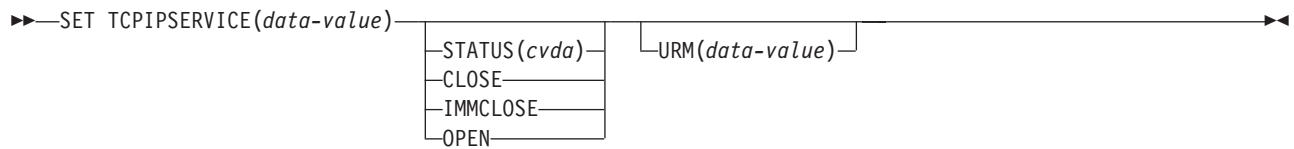
Conditions: INVREQ, NOTAUTH, TCIDERR

**SET TCPIP**



Conditions: INVREQ, IOERR, NOTAUTH

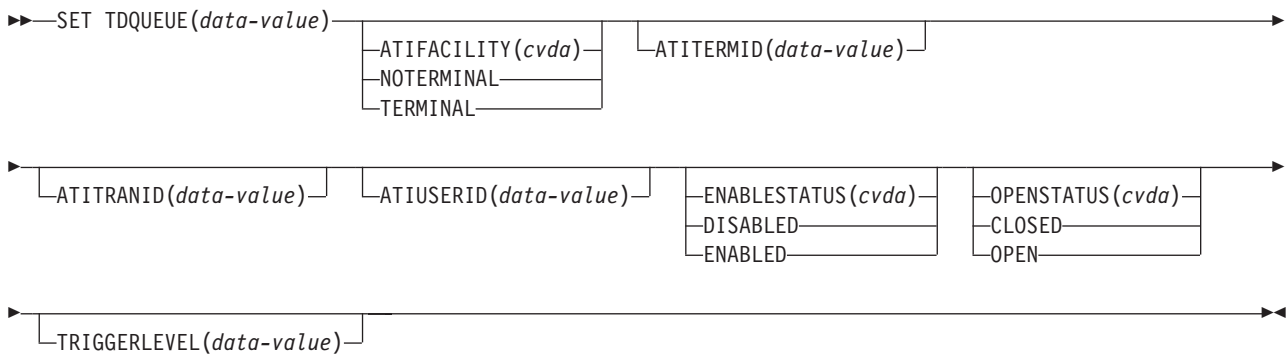
**SET TCPIPSERVICE**



Conditions: INVREQ, NOTAUTH, NOTFND

## SPI syntax

### SET TDQUEUE



**Conditions:** INVREQ, IOERR, NOTAUTH, QIDERR, USERIDERR



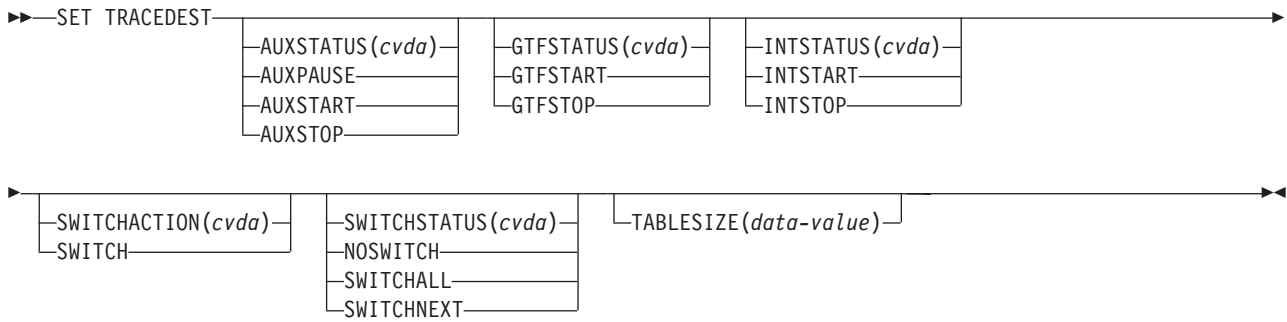
**SET TERMINAL**



**Conditions:** INVREQ, NORMAL, NOTAUTH, TERMIDERR

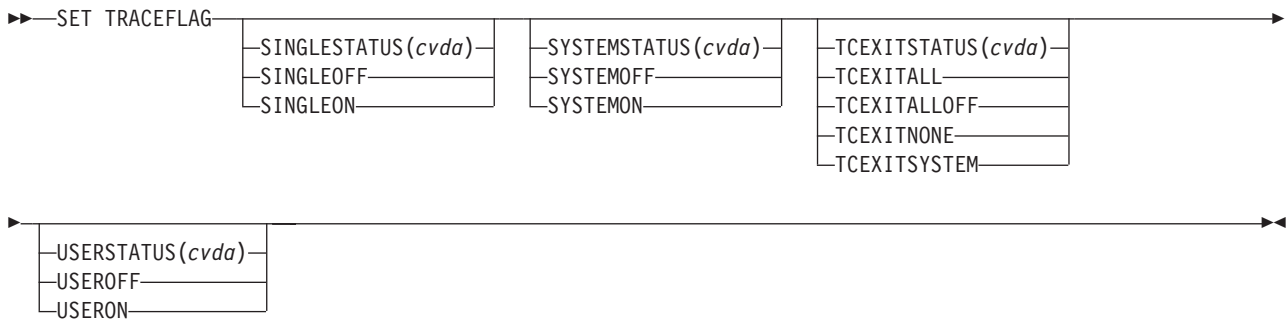
## SPI syntax

### SET TRACEDEST



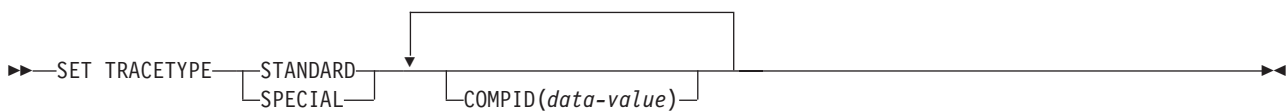
Conditions: INVREQ, IOERR, NOSPACE, NOSTG, NOTAUTH

### SET TRACEFLAG



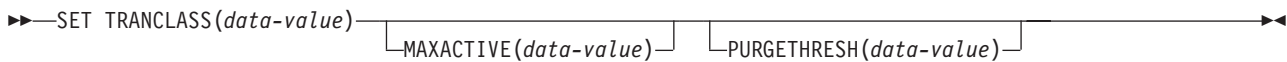
Conditions: INVREQ, NOTAUTH

### SET TRACETYPE



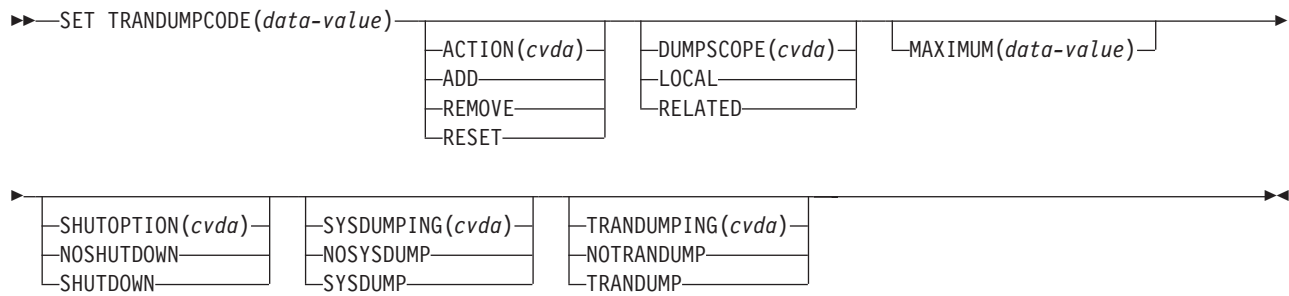
Conditions: NOTAUTH, NOTFND

### SET TRANCLASS



Conditions: INVREQ, NOTAUTH, TCIDERR

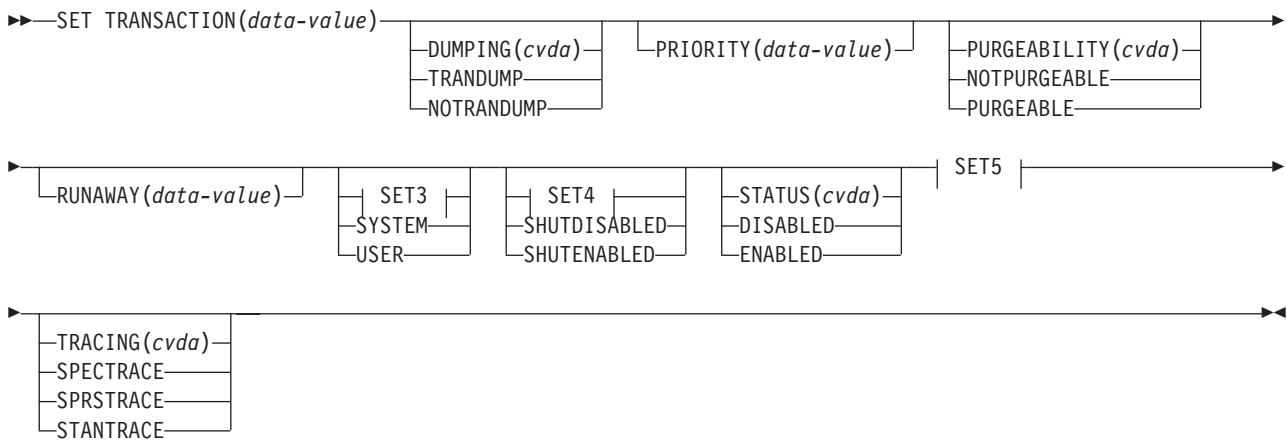
**SET TRANDUMPCODE**



**Conditions:** DUPREC, INVREQ, IOERR, NOSPACE, NOTAUTH, NOTFND

## SPI syntax

### SET TRANSACTION



### SET5



### SET6



### SET7



### SET4

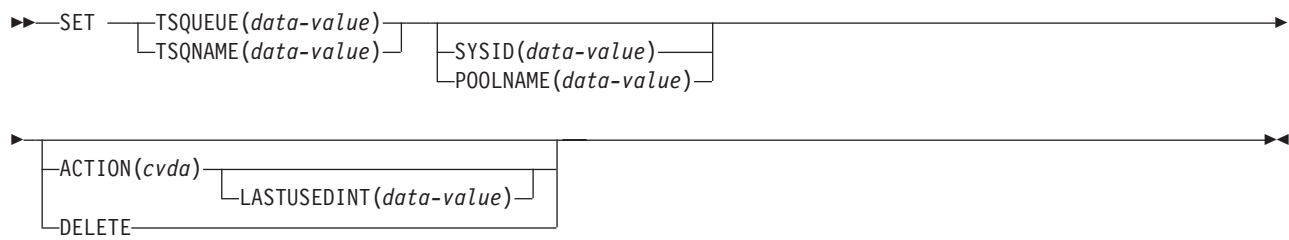


### SET3



**Conditions:** INVREQ, NOTAUTH, TRANSIDERR

**SET TSQUEUE**



Conditions: INVREQ, NOTAUTH, NOTFND, POOLERR, QIDERR, SYSIDERR

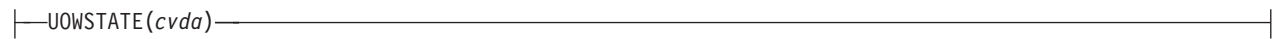
**SET UOW**



**SETUOW2**



**SETUOW3**



Conditions: INVREQ, NOTAUTH, UOWNOTFOUND

**SET UOWLINK**



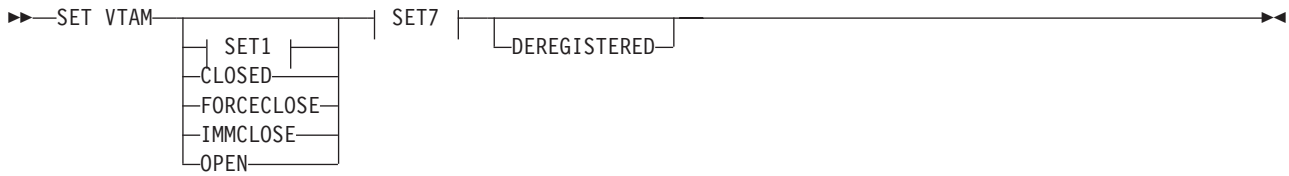
**SET1**



Conditions: INVREQ, NOTAUTH, UOWLINKNOTFOUND

## SPI syntax

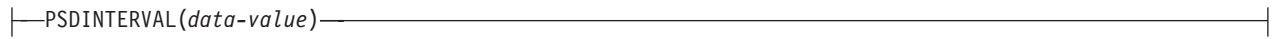
### SET VTAM



### SET7



### SET8



### SET3



### SET4



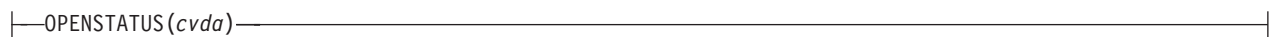
### SET12



### SET11



### SET1



**Conditions:** INVREQ, IOERR, NOTAUTH

## SET WEB



**Conditions:** INVREQ, IOERR, NOTAUTH





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## Chapter 3. CICS-Supplied Transaction

Some CICS-supplied transactions are menu driven, while others can be entered on the command line. Menus are provided wherever the transaction name appears on its own in the syntax descriptions on the pages that follow.

### **CEBT INQUIRE AUXTRACE**

▶▶—CEBT Inquire Auxtrace—————▶▶

### **CEBT INQUIRE DUMP**

▶▶—CEBT Inquire Dump—————▶▶

### **CEBT INQUIRE INTTRACE**

▶▶—CEBT Inquire Intrtrace—————▶▶

### **CEBT INQUIRE GTFTRACE**

▶▶—CEBT Inquire Gtftrace—————▶▶

### **CEBT INQUIRE SURVEILLANCE**

▶▶—CEBT Inquire Surveillance—————▶▶

### **CEBT PERFORM SHUTDOWN**

▶▶—CEBT Perform SHUTDOWN—Dump—Immediate—————▶▶

### **CEBT PERFORM SNAP**

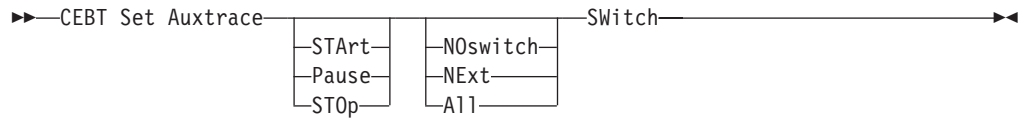
▶▶—CEBT Perform SNAp—————▶▶

### **CEBT PERFORM TAKEOVER**

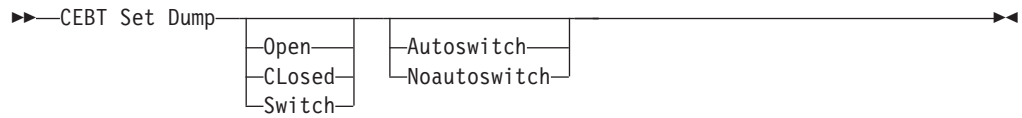
▶▶—CEBT Perform Takeover—Dump—————▶▶

## CST syntax

### CEBT SET AUXTRACE



### CEBT SET DUMP



### CEBT SET GTFTRACE



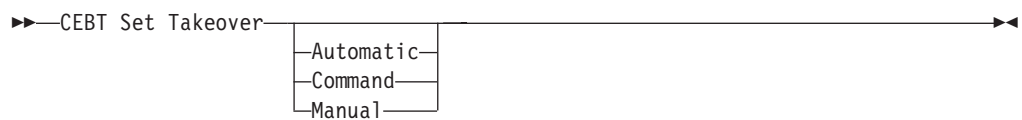
### CEBT SET INTRTRACE



### CEBT SET SURVEILLANCE

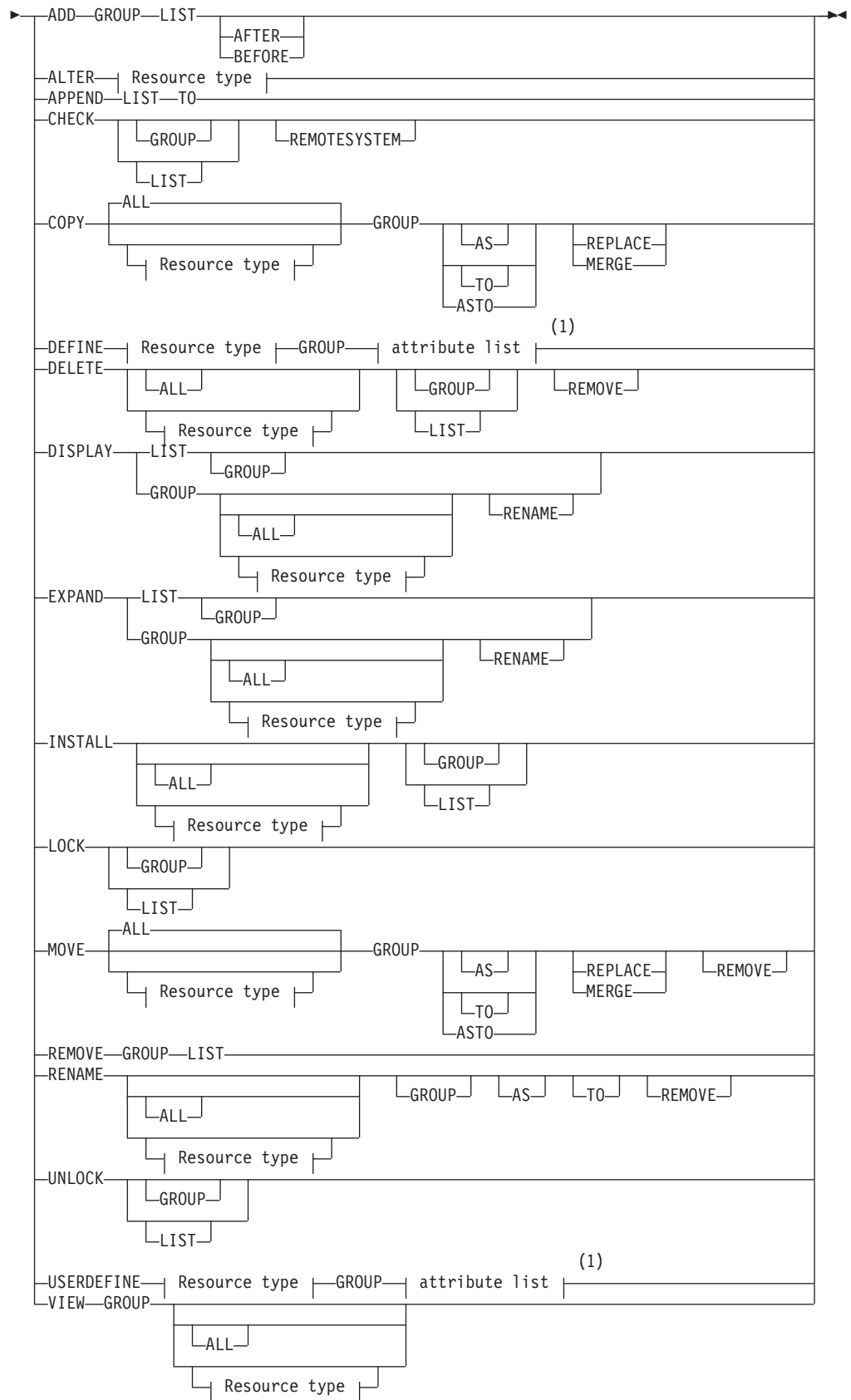


### CEBT SET TAKEOVER



### CEDA (part 1 of 2)





## CST syntax

### Notes:

- 1 Consult the *CICS Resource Definition Guide*. for information about the attributes applicable to each resource type.

### CEDA (part 2 of 2)

#### Resource type:

CONNECTION
DB2CONN
DB2ENTRY
DB2TRAN
DOCTEMPLATE
ENQMODEL
FILE
JOURNALMODEL
LSRPOOL
MAPSET
PARTITIONSET
PARTNER
PROCESSTYPE
PROFILE
PROGRAM
REQUESTMODEL
SESSIONS
TCPIPSERVICE
TDQUEUE
TERMINAL
TRANCLASS
TRANSACTION
TSMODEL
TYPETERM

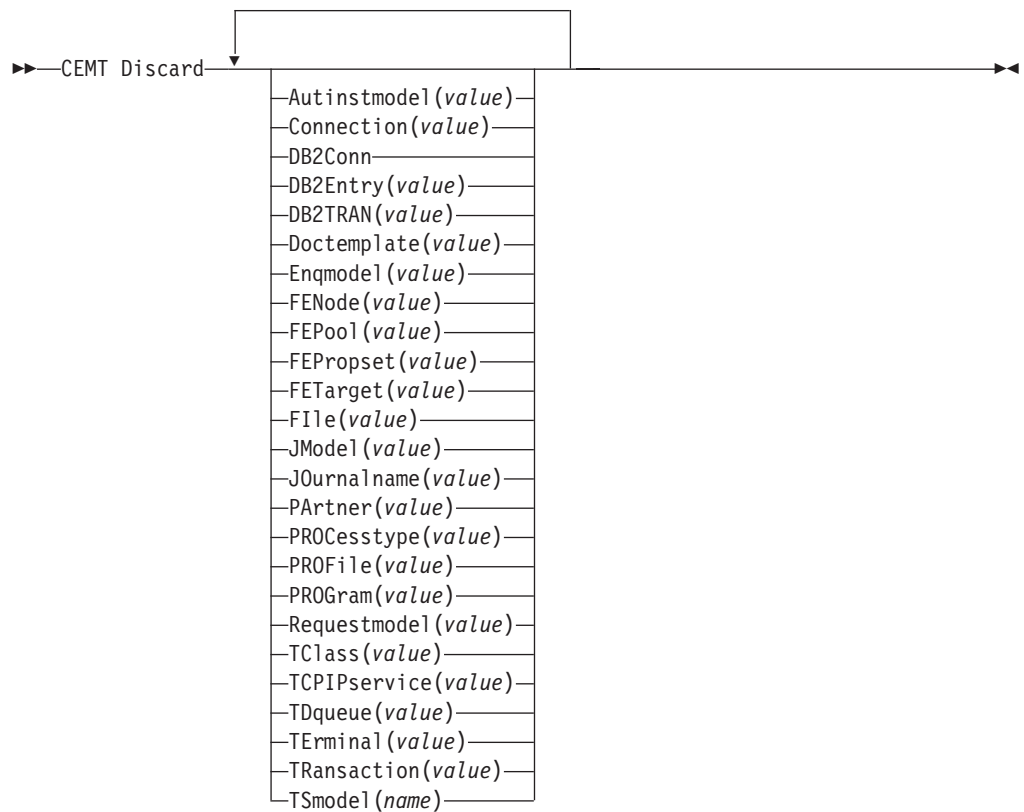
**CEDF**



**CEDX**



**CEMT DISCARD**



**CEMT INQUIRE AUTOINSMODEL**



## CST syntax

### CEMT INQUIRE AUTOINSTALL

▶▶—CEMT Inquire AUTOinstall—▶▶

### CEMT INQUIRE AUXTRACE

▶▶—CEMT Inquire AUXtrace—▶▶

### CEMT INQUIRE CONNECTION

▶▶—CEMT Inquire Connection—  
(value)  
└─ALI─┘ └─NEtname(value)─┘ └─NOTPending  
└─PENDING─┘

INService	ACquired	NOTSupported	Vtam	EXci
OUTservice	RELeased	Unattempted	IRc	APpc
	OBtaining	COMPLete	XM	Lu61
	FReeing	Failed	INDirect	
	AVailable		XCf	
			RConnection	

▶▶—  
└─XOk─┘ └─RECOvdata └─Grname(value)─┘ └─Membername(value)─┘  
└─XNotdone └─NOREcovdata  
└─NRs

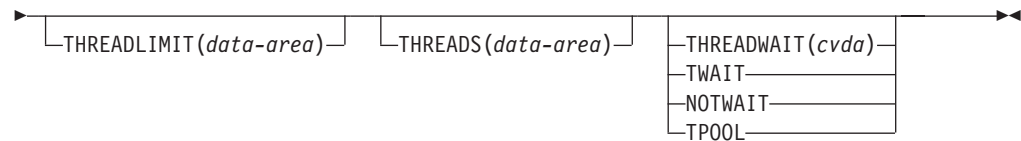
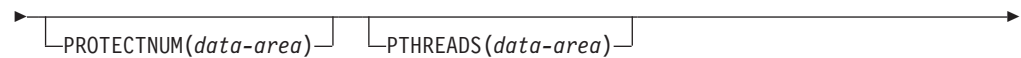
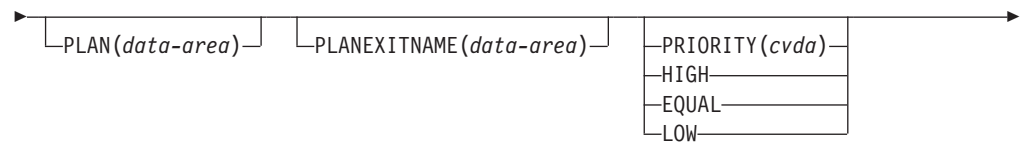
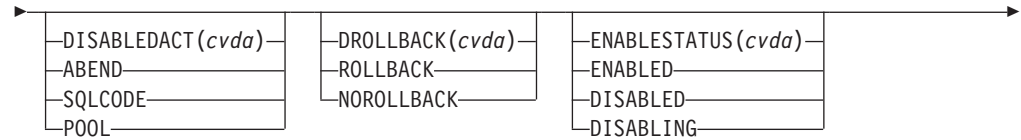
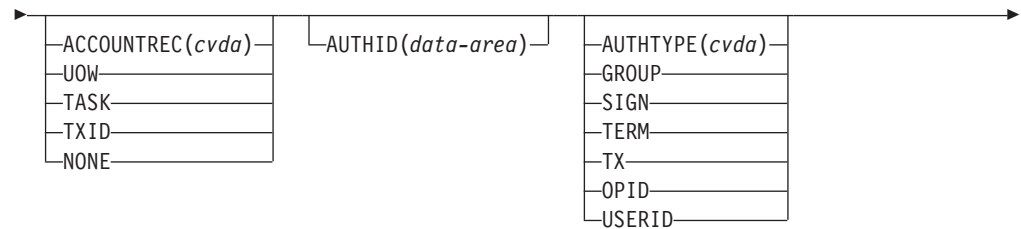
▶▶—  
└─REMotesystem(value)─┘ └─RNAme(value)─┘ └─RNEtname(value)─┘

### CEMT INQUIRE DB2CONN

▶▶—CEMT Inquire DB2Conn—▶▶

### CEMT INQUIRE DB2ENTRY

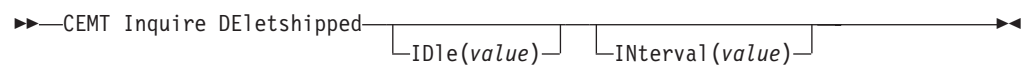
▶▶—CEMT Inquire DB2Entry(data-area)—  
└─AT(data-area)─┘ └─START  
└─END  
└─NEXT



**CEMT INQUIRE DB2TRAN**

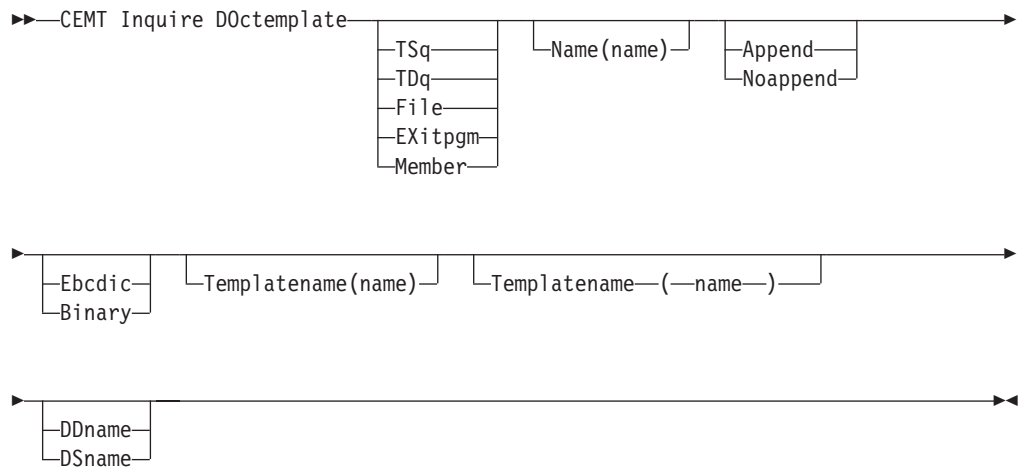


**CEMT INQUIRE DELETSHIPED**



**CEMT INQUIRE DOCTEMPLATE**

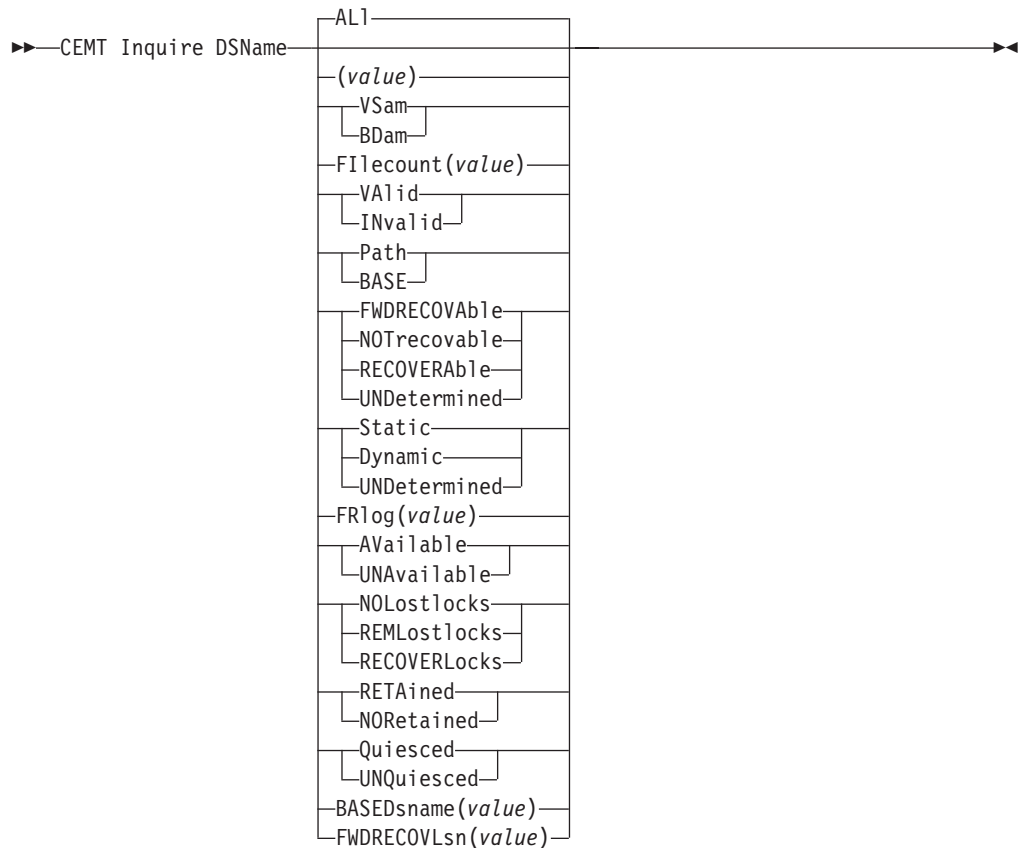
## CST syntax



## CEMT INQUIRE DSAS



## CEMT INQUIRE DSNAME

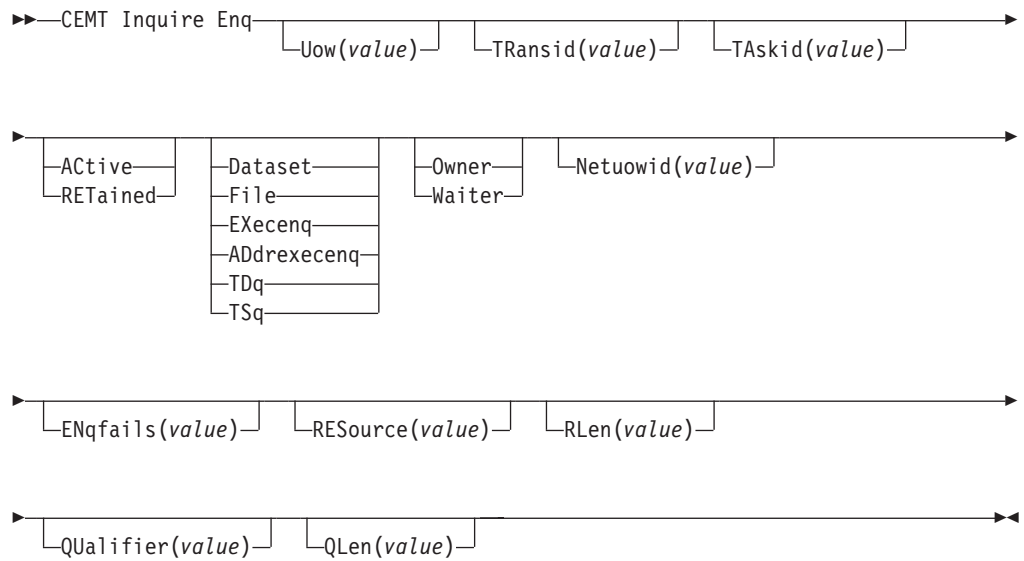




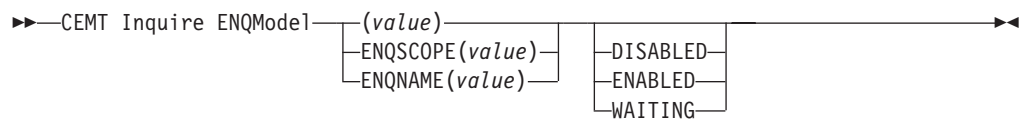
**CEMT INQUIRE DUMPDS**



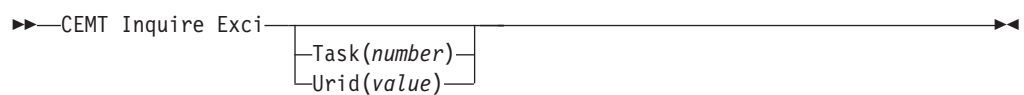
**CEMT INQUIRE ENQ**



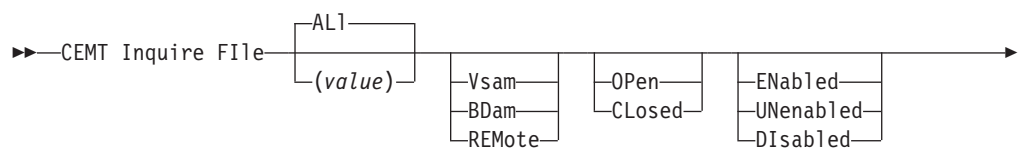
**CEMT INQUIRE ENQMODEL**



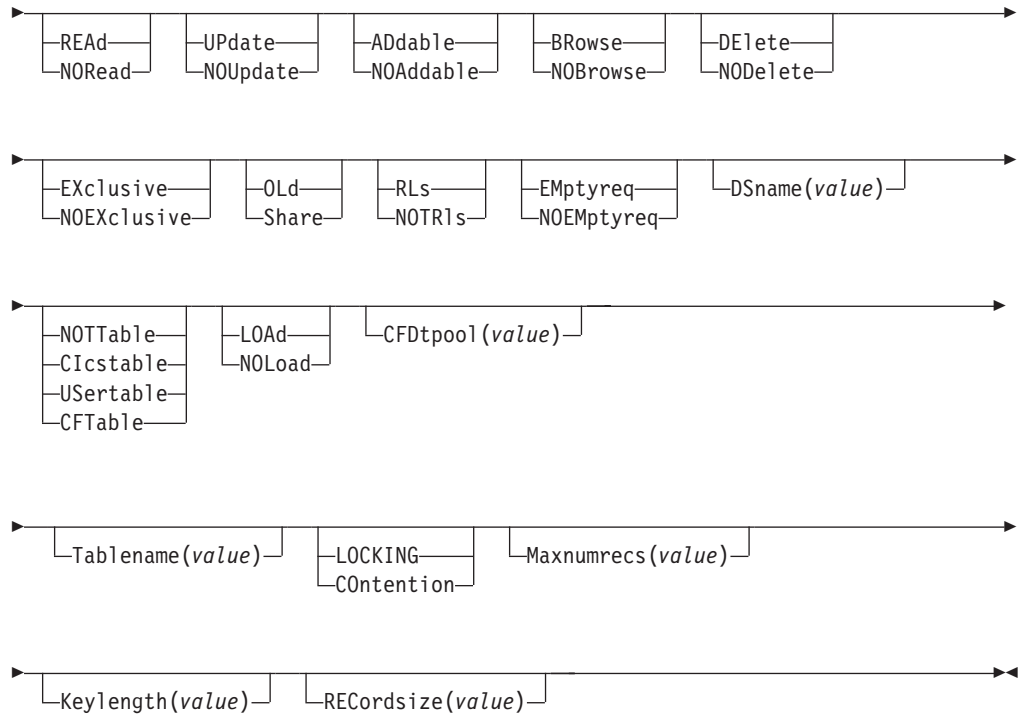
**CEMT INQUIRE EXCI**



**CEMT INQUIRE FILE**



## CST syntax



### CEMT INQUIRE GTFTRACE



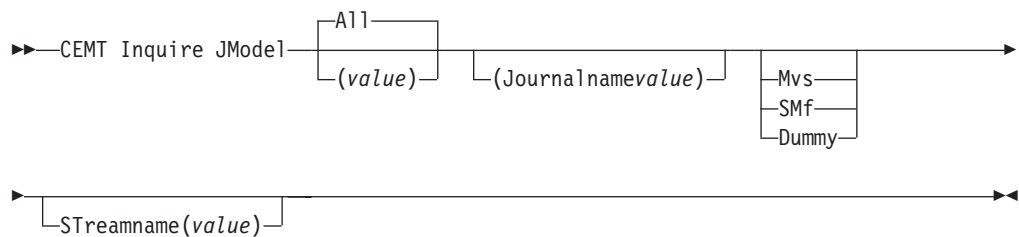
### CEMT INQUIRE INTTRACE



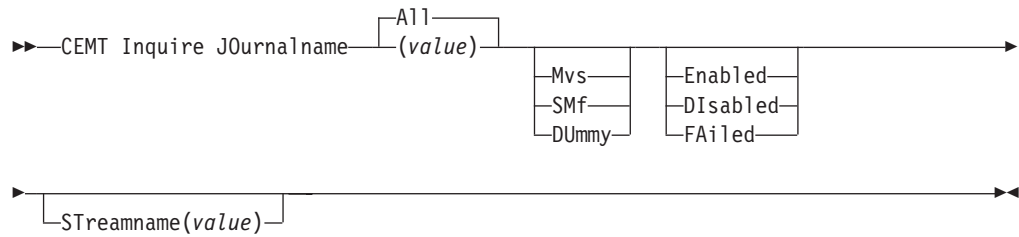
### CEMT INQUIRE IRC



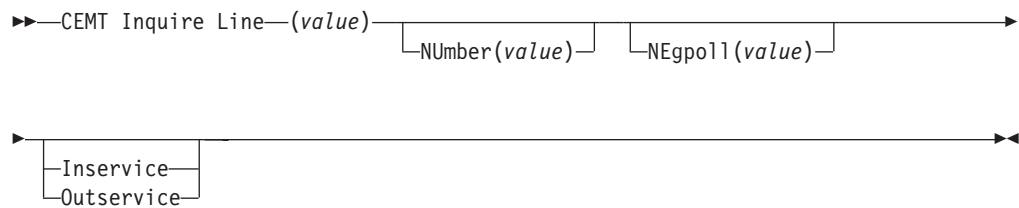
### CEMT INQUIRE JMODEL



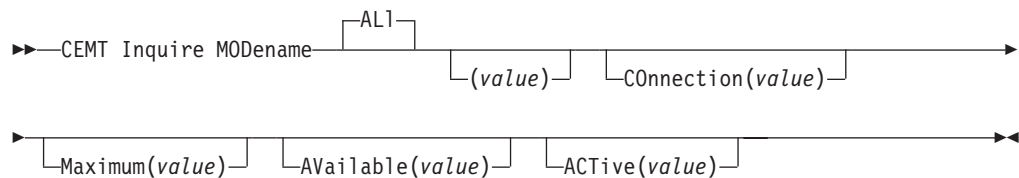
**CEMT INQUIRE JOURNALNAME**



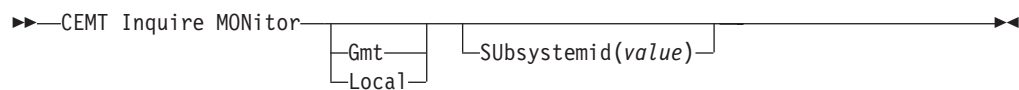
**CEMT INQUIRE LINE**



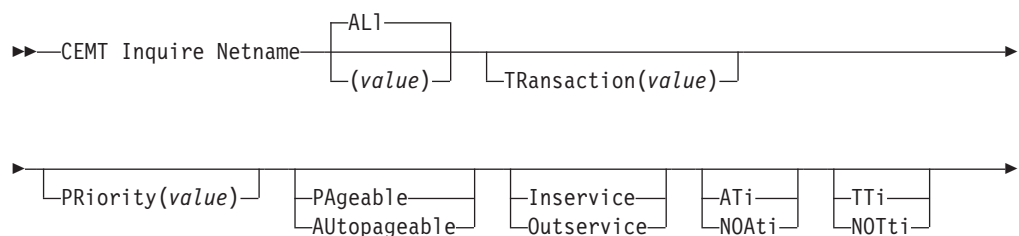
**CEMT INQUIRE MODENAME**



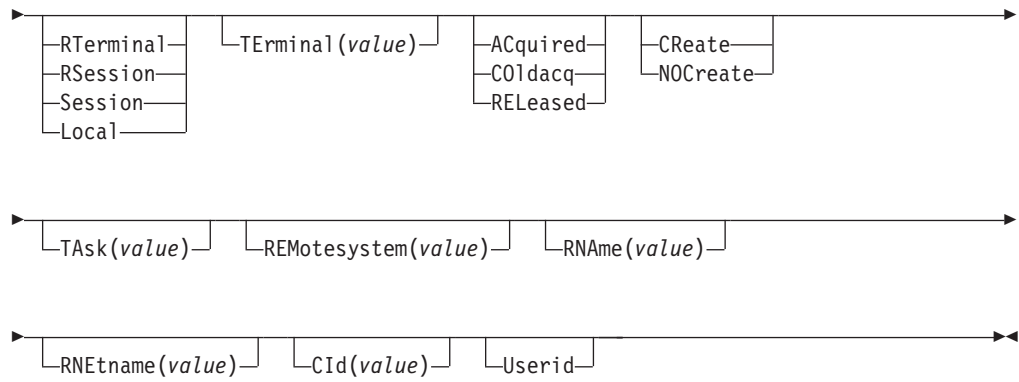
**CEMT INQUIRE MONITOR**



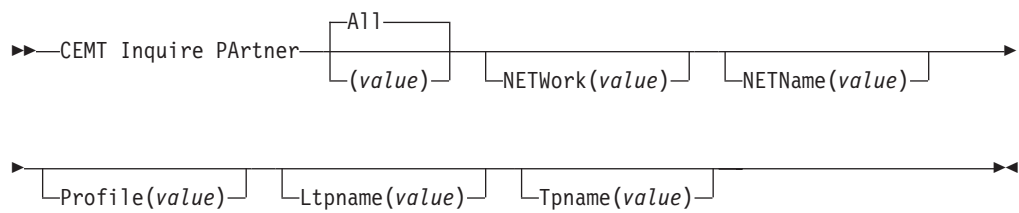
**CEMT INQUIRE NETNAME**



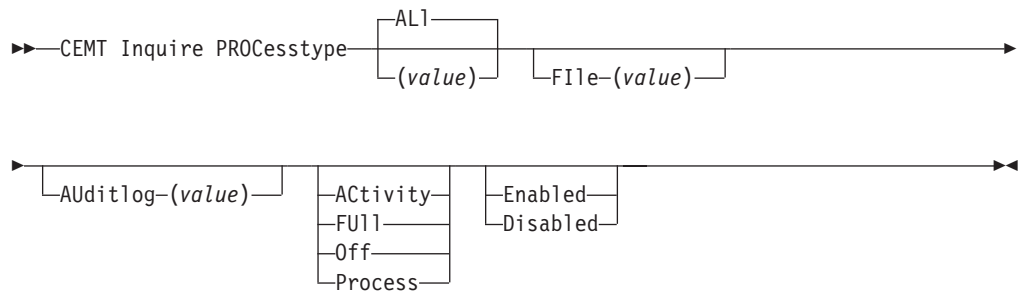
## CST syntax



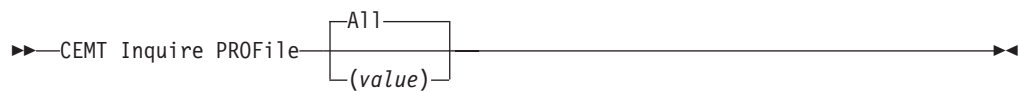
## CEMT INQUIRE PARTNER



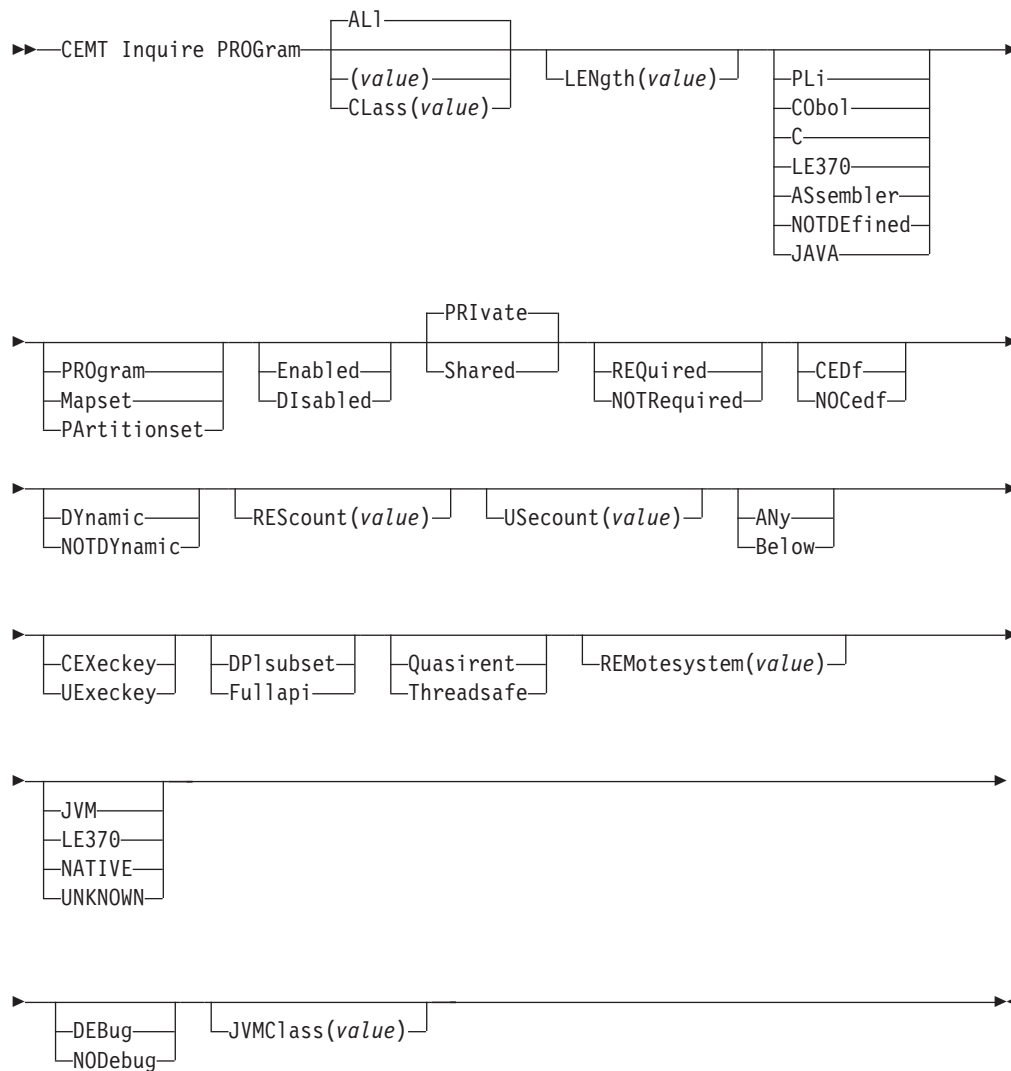
## CEMT INQUIRE PROCESSTYPE



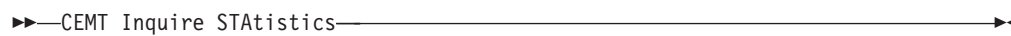
## CEMT INQUIRE PROFILE



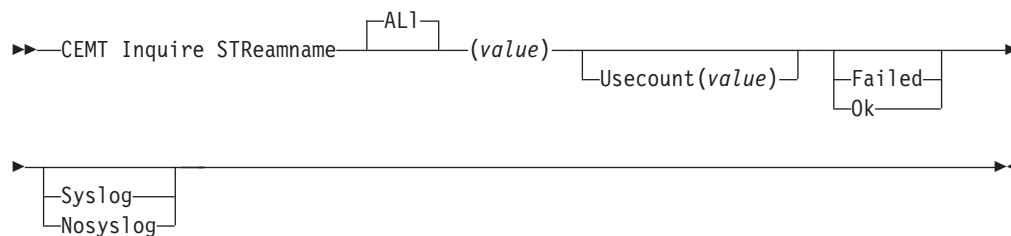
## CEMT INQUIRE PROGRAM



### CEMT INQUIRE STATISTICS

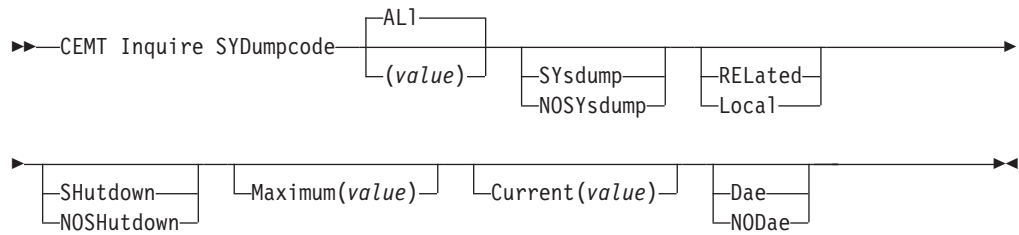


### CEMT INQUIRE STREAMNAME



## CST syntax

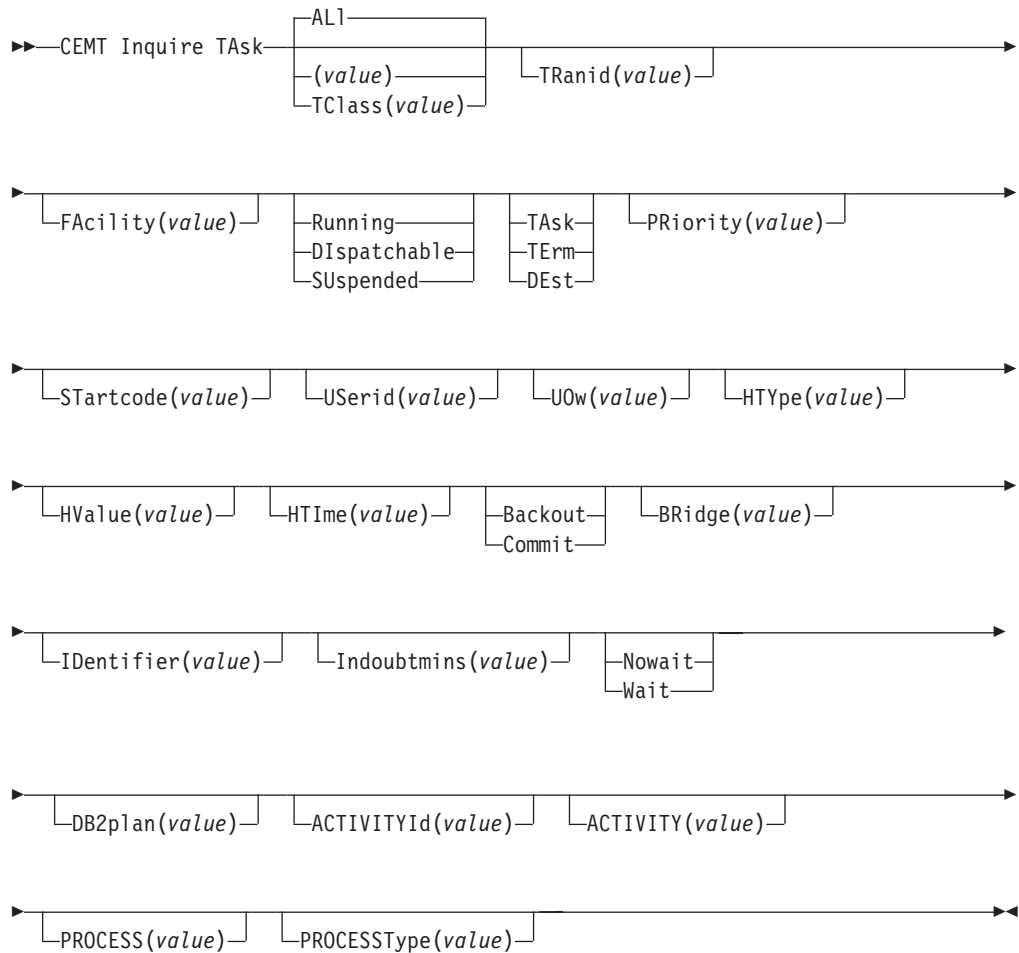
### CEMT INQUIRE SYDUMPCODE



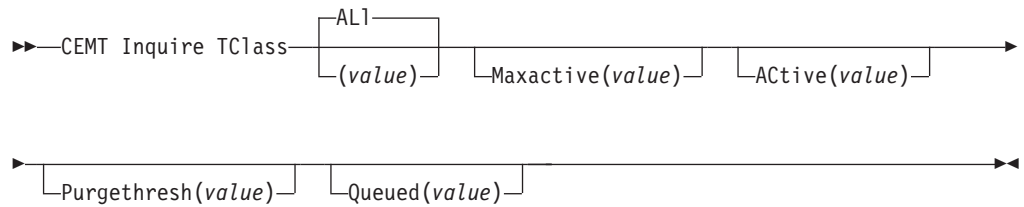
### CEMT INQUIRE SYSTEM



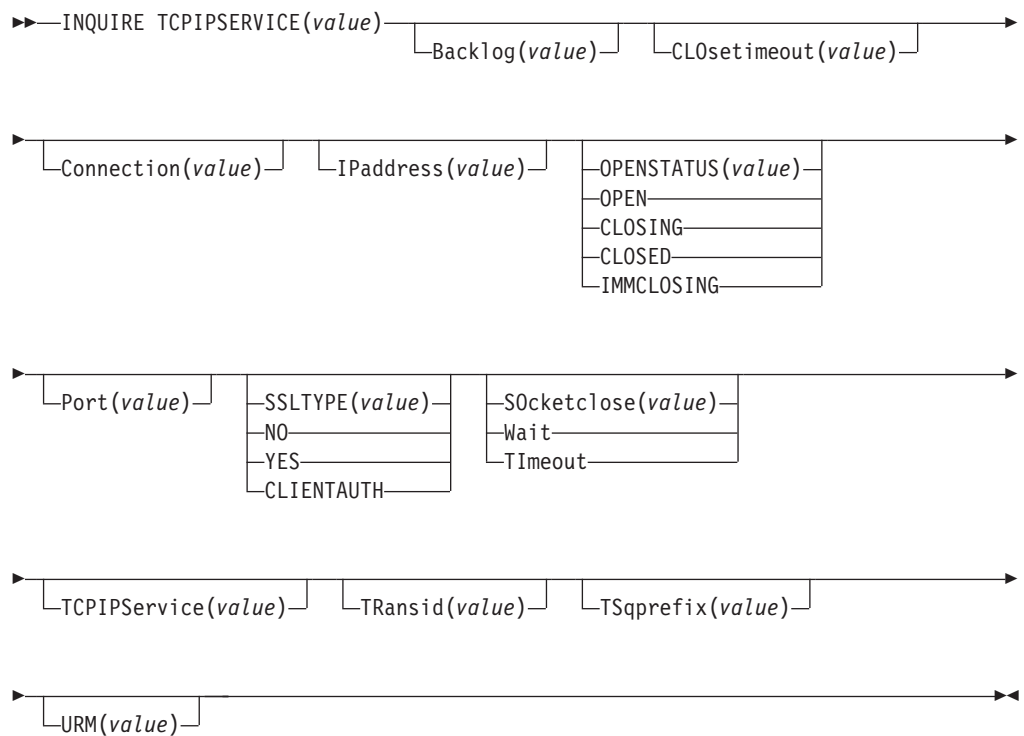
### CEMT INQUIRE TASK



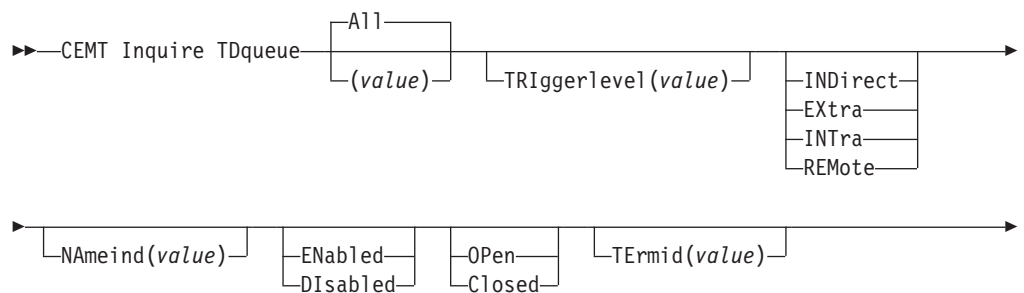
**CEMT INQUIRE TCLASS**



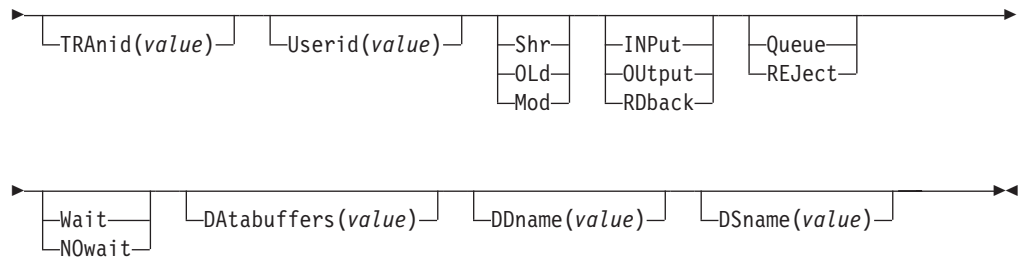
**CEMT INQUIRE TCPIP SERVICE**



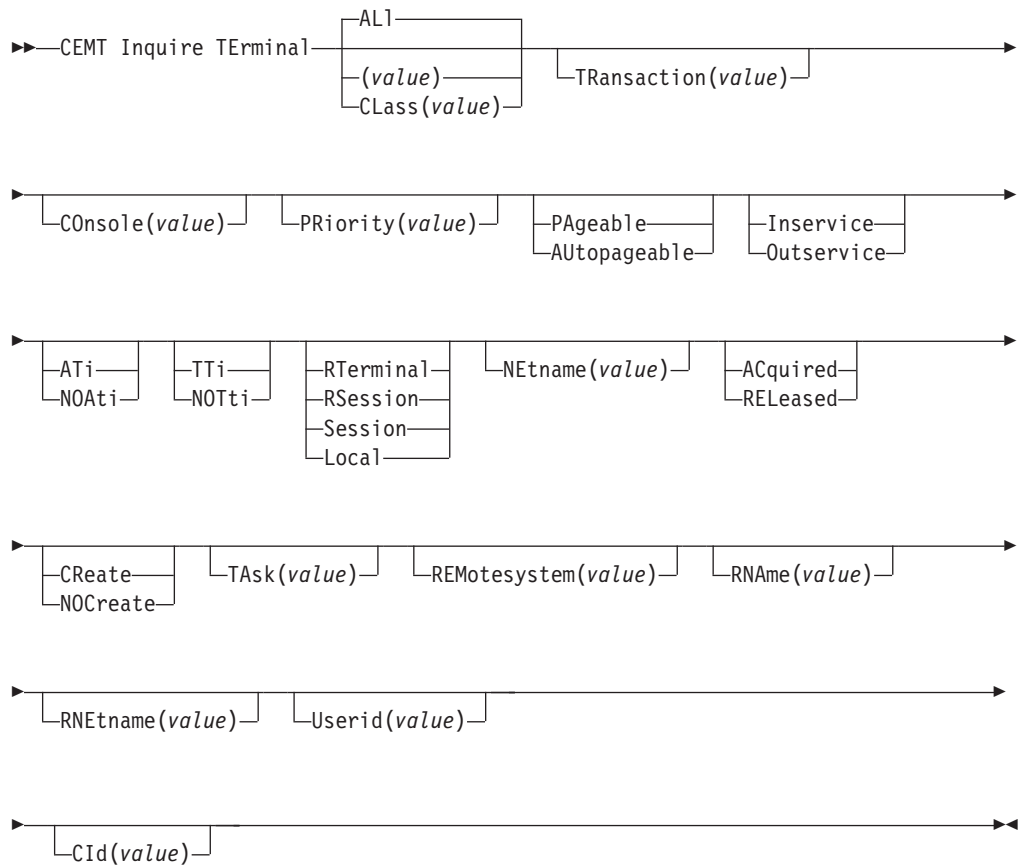
**CEMT INQUIRE TDQUEUE**



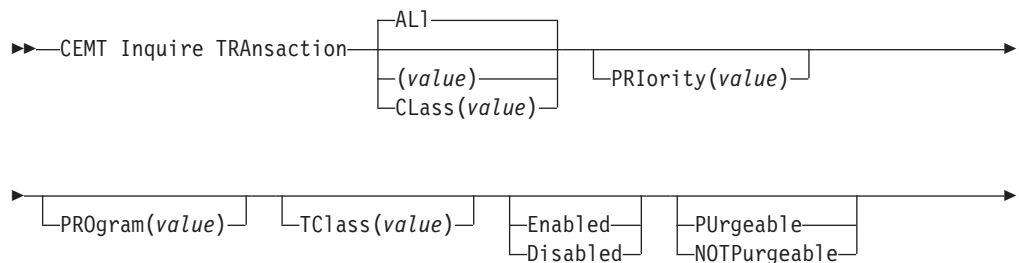
## CST syntax



## CEMT INQUIRE TERMINAL

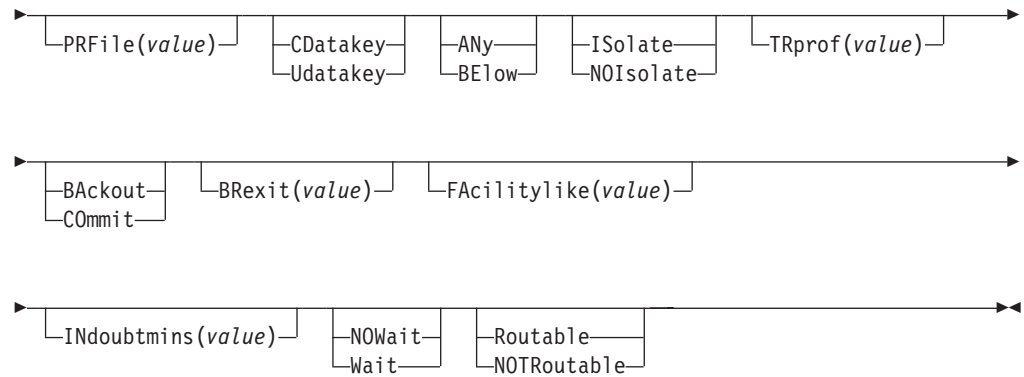


## CEMT INQUIRE TRANSACTION

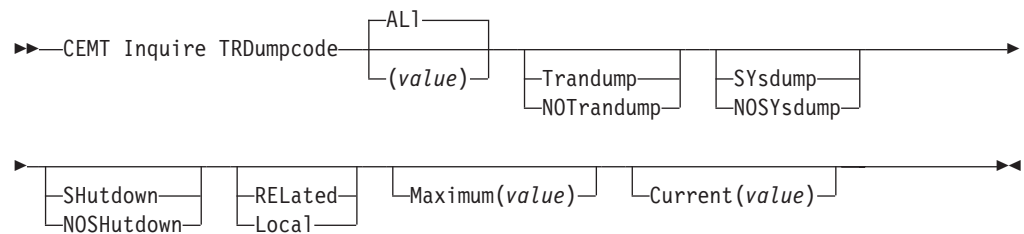




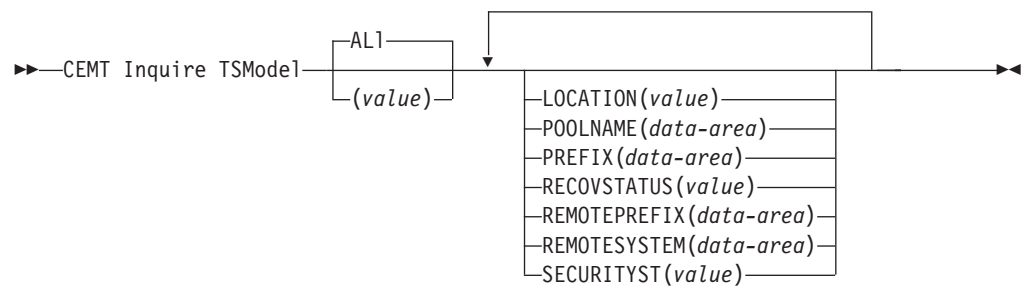
## CST syntax



### CEMT INQUIRE TRDUMPCODE



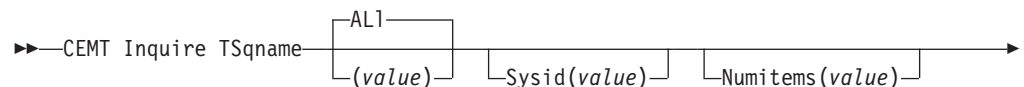
### CEMT INQUIRE TSMODEL



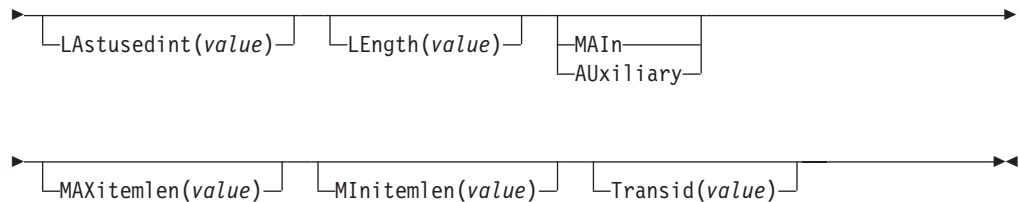
### CEMT INQUIRE TSPool



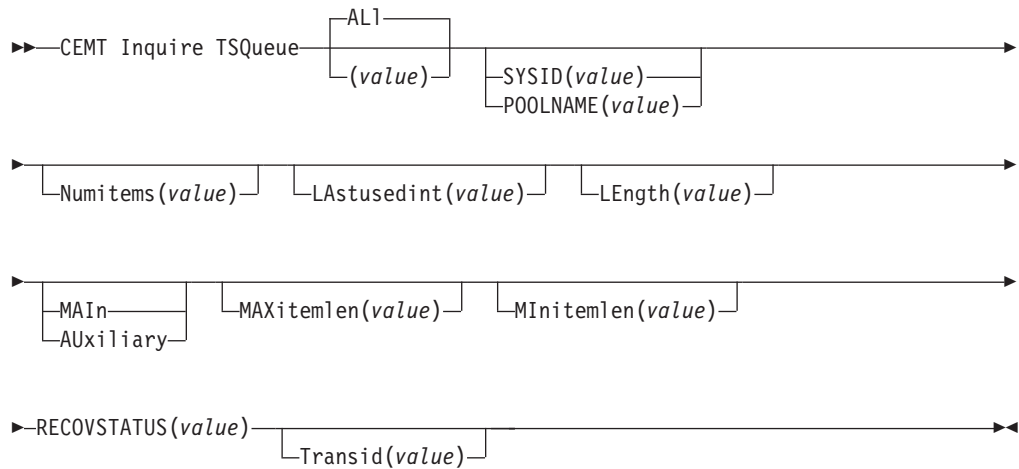
### CEMT INQUIRE TSQNAME



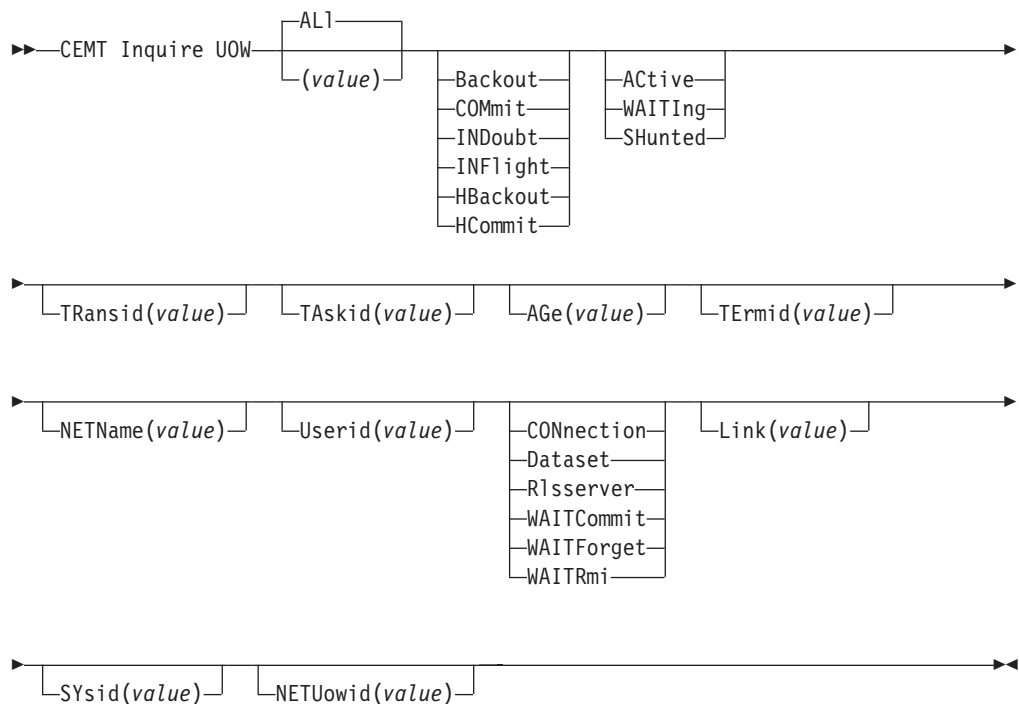
## CST syntax



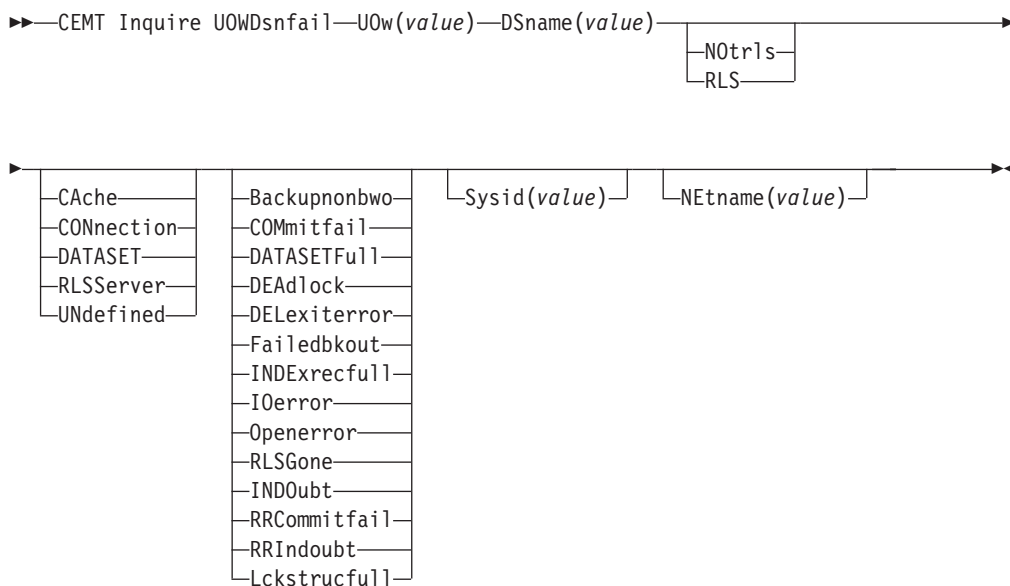
## CEMT INQUIRE TSQUEUE



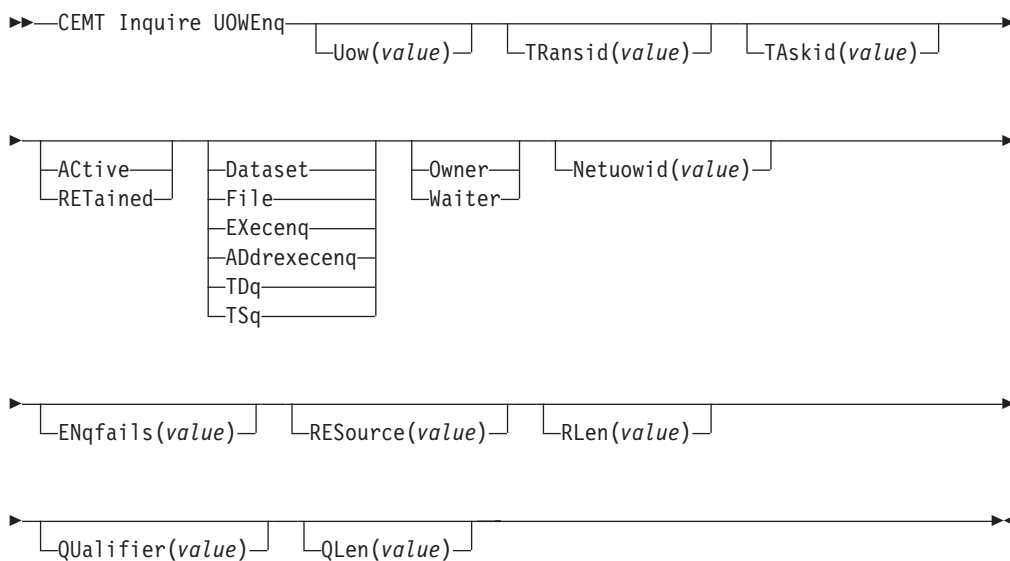
## CEMT INQUIRE UOW



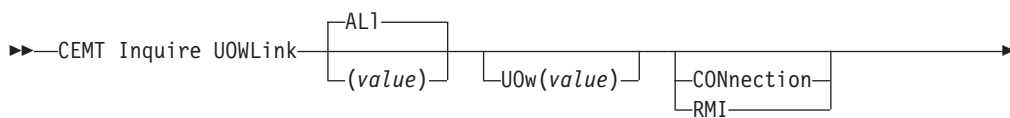
**CEMT INQUIRE UOWDSNFAIL**



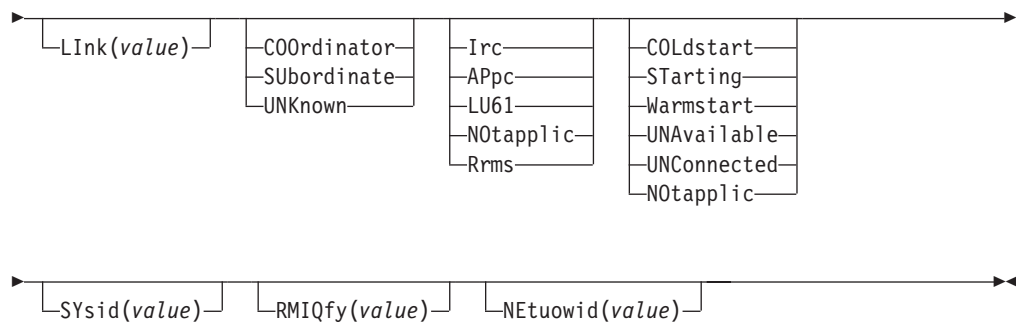
**CEMT INQUIRE UOWENQ**



**CEMT INQUIRE UOWLINK**



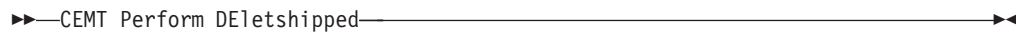
## CST syntax



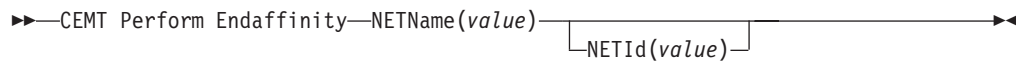
### CEMT INQUIRE VTAM



### CEMT PERFORM DELETSHIPED



### CEMT PERFORM ENDAFFINITY



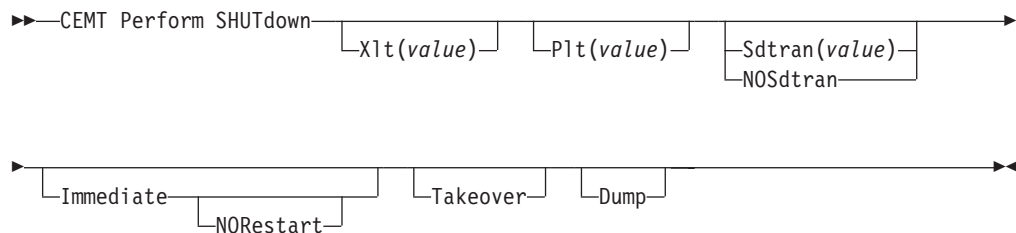
### CEMT PERFORM RESET



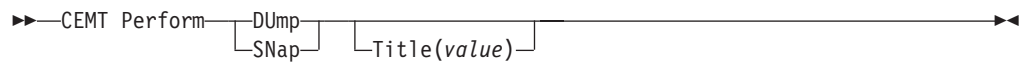
### CEMT PERFORM SECURITY REBUILD



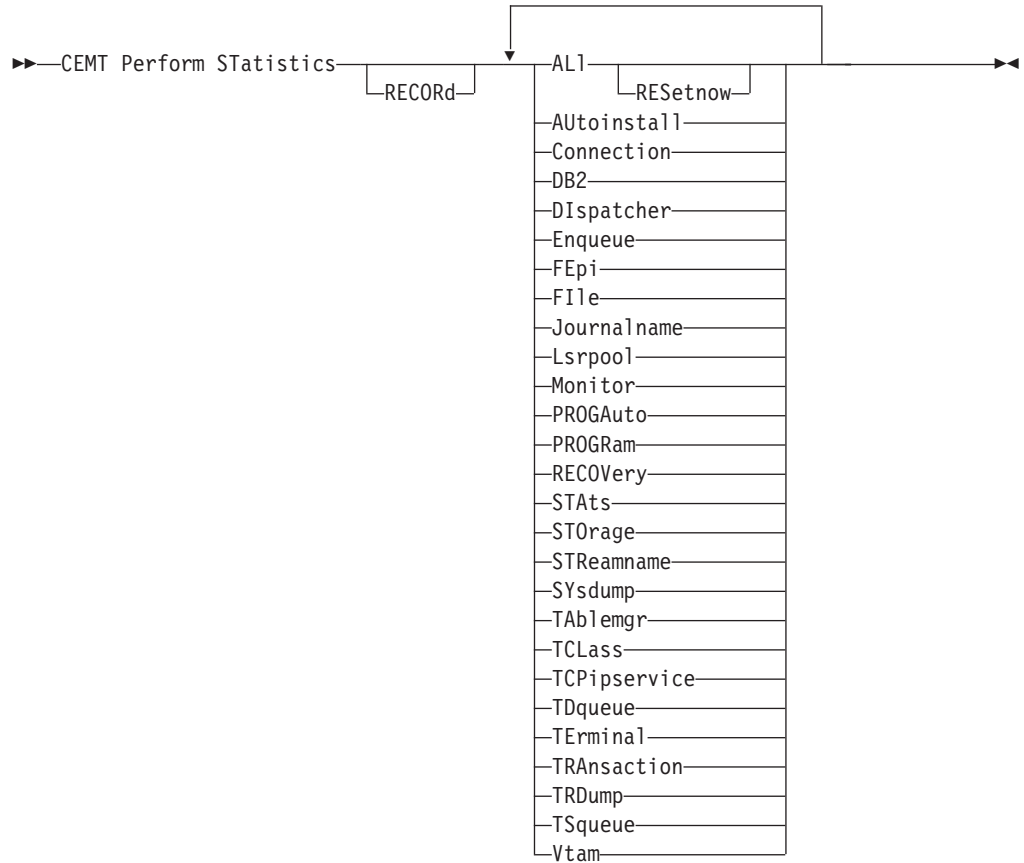
### CEMT PERFORM SHUTDOWN



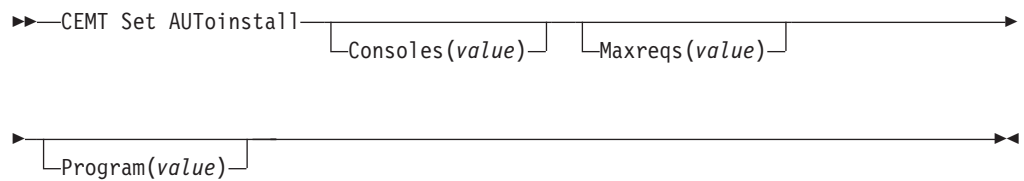
**CEMT PERFORM DUMP**



**CEMT PERFORM STATISTICS**

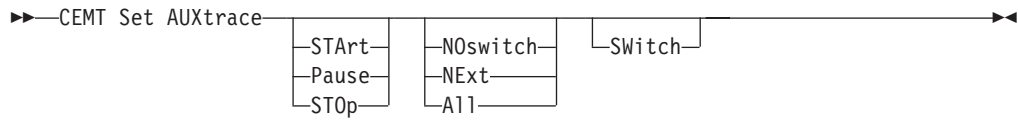


**CEMT SET AUTOINSTALL**

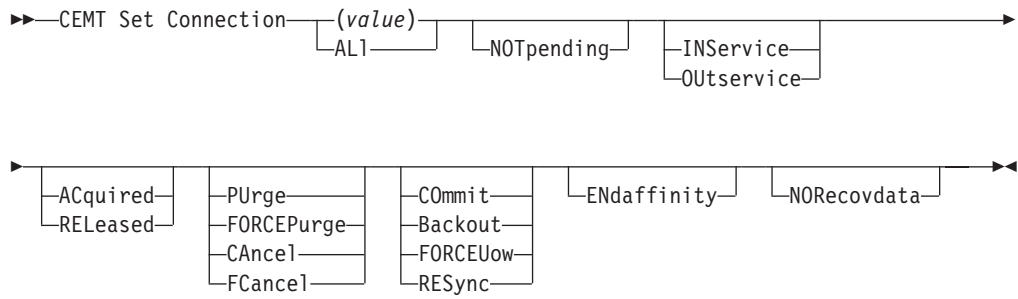


## CST syntax

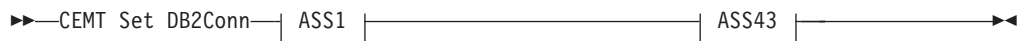
### CEMT SET AUXTRACE



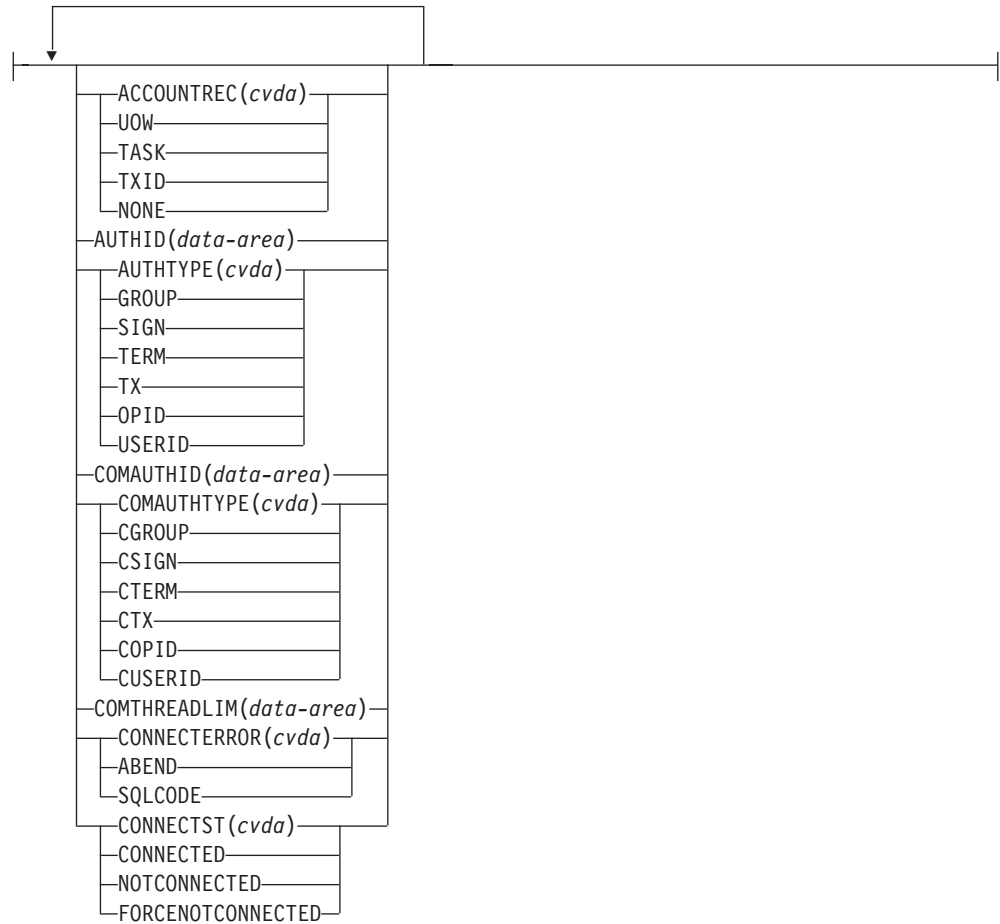
### CEMT SET CONNECTION



### CEMT SET DB2CONN

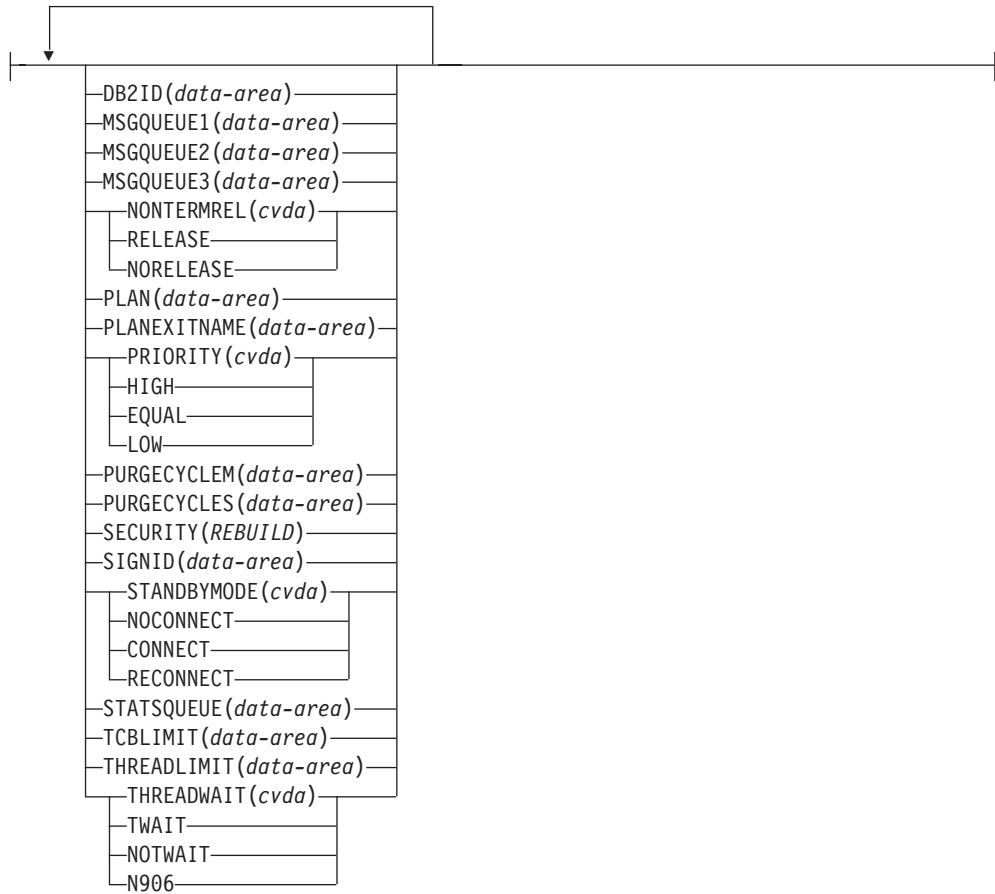


### ASS1



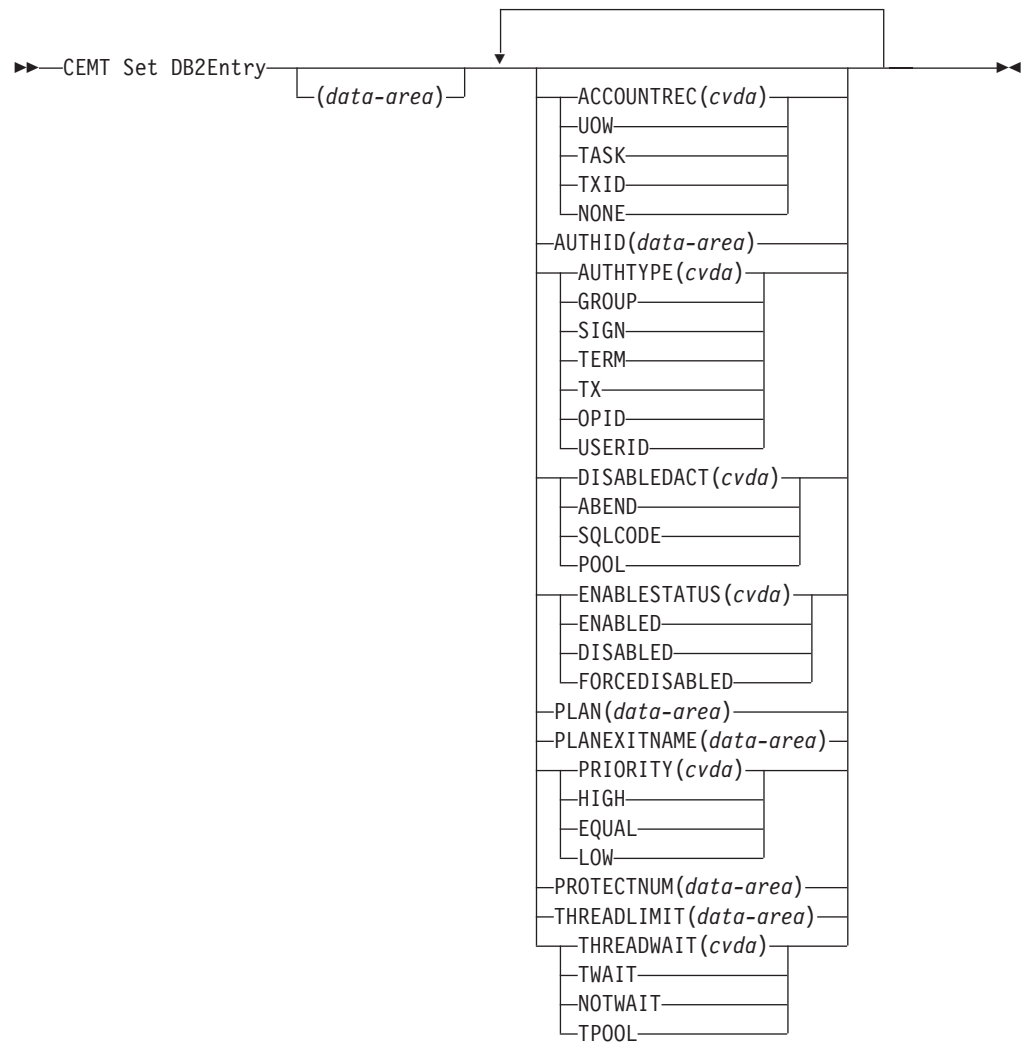
ASS43

## CST syntax

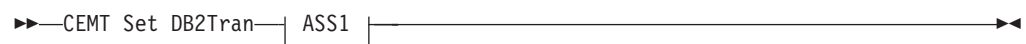


### CEMT SET DB2ENTRY

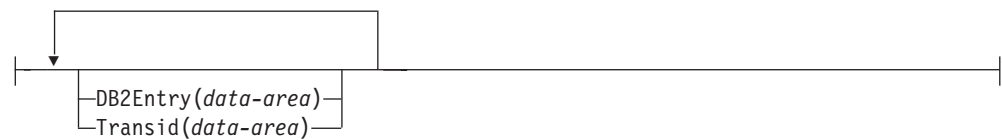




**CEMT SET DB2TRAN**

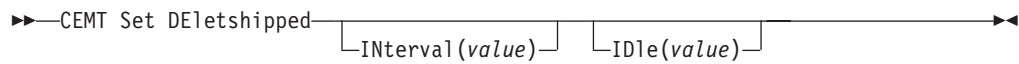


**ASS1**

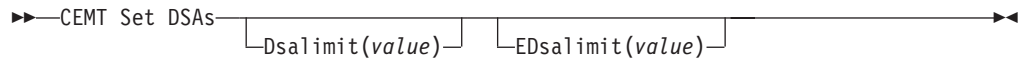


## CST syntax

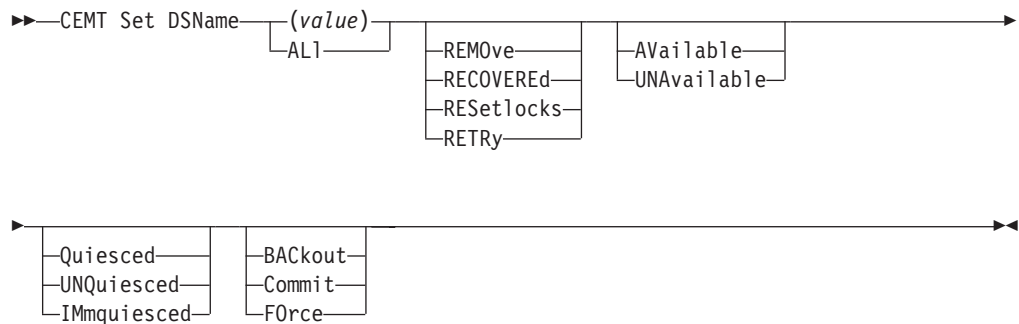
### CEMT SET DELETSHIPED



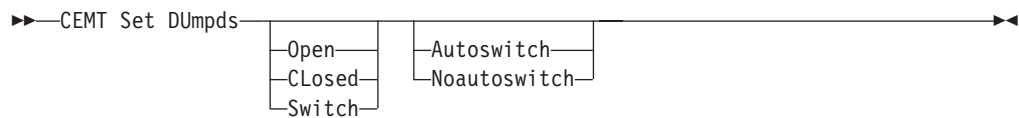
### CEMT SET DSAS



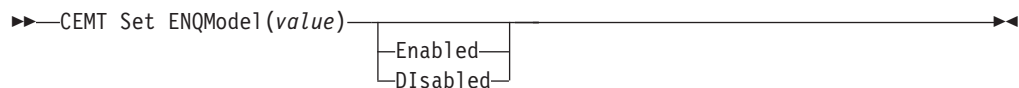
### CEMT SET DSNAME



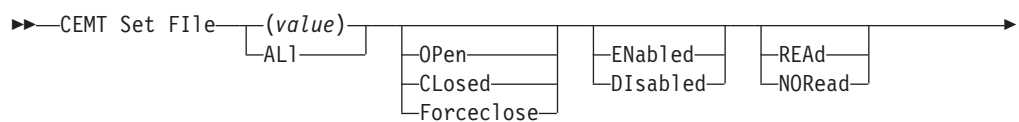
### CEMT SET DUMPDS



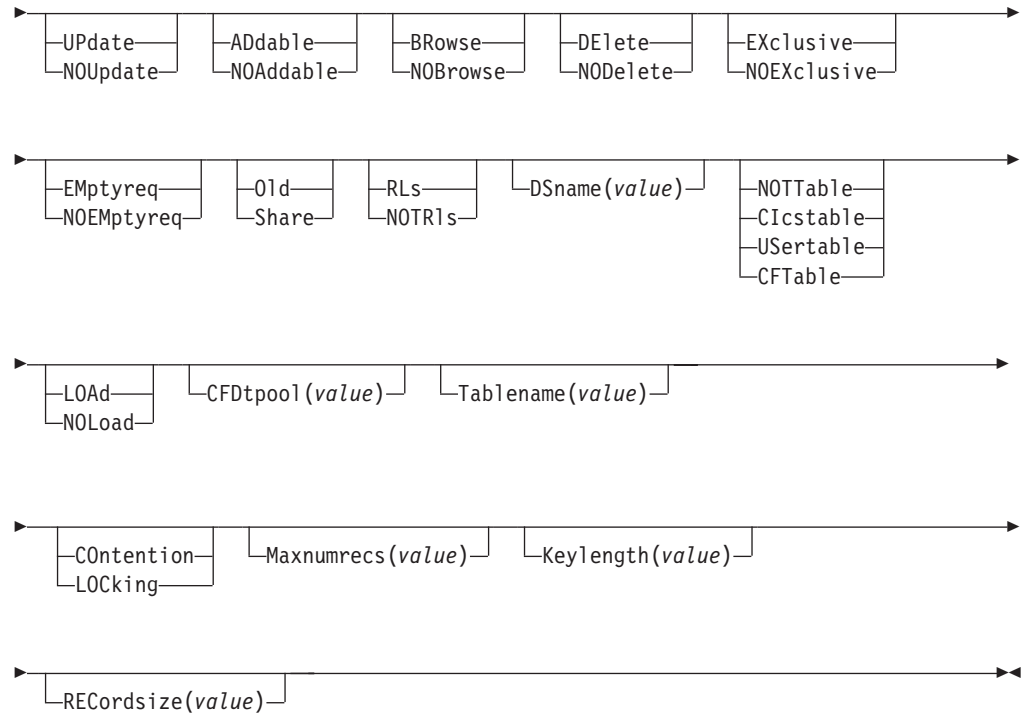
### CEMT SET ENQMODEL



### CEMT SET FILE



## CST syntax



### CEMT SET GTFTRACE



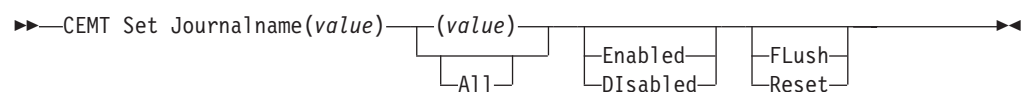
### CEMT SET INTRACE



### CEMT SET IRC

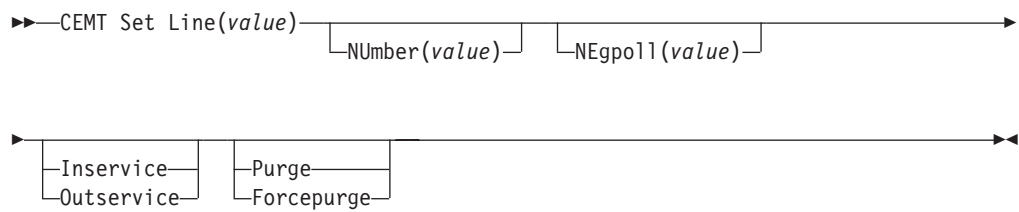


### CEMT SET JOURNALNAME

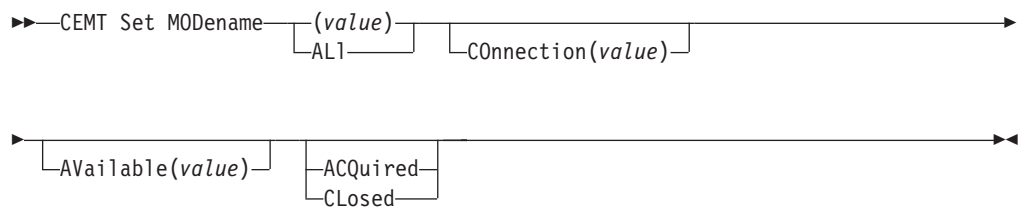


## CST syntax

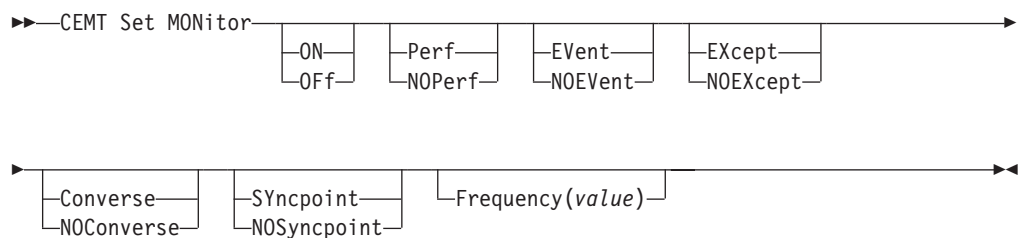
### CEMT SET LINE



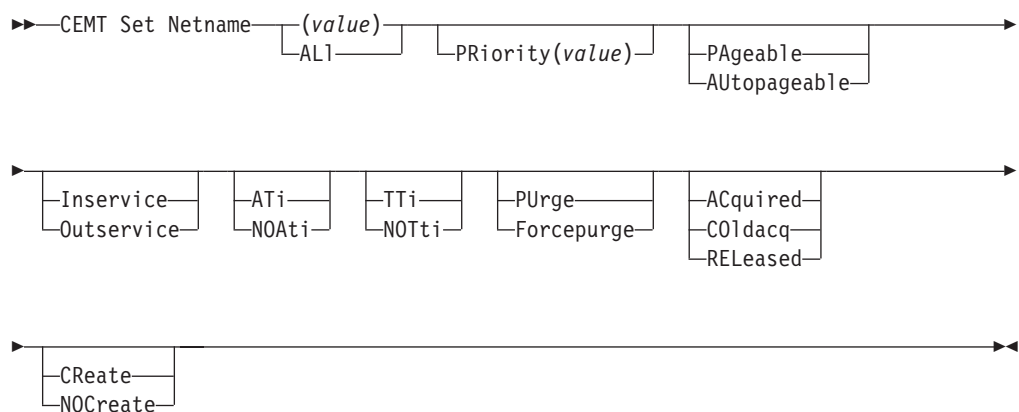
### CEMT SET MODENAME



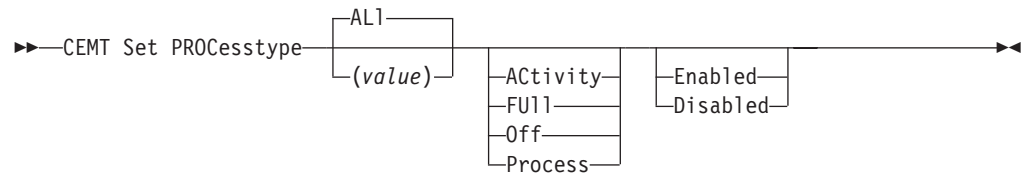
### CEMT SET MONITOR



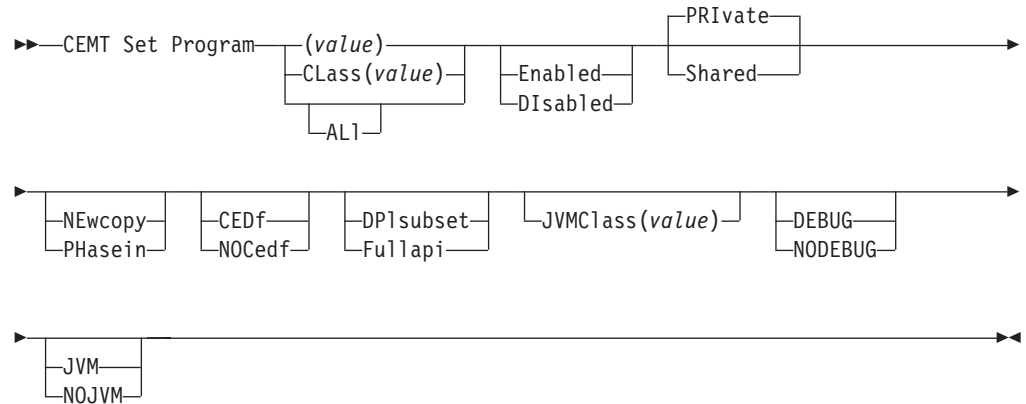
### CEMT SET NETNAME



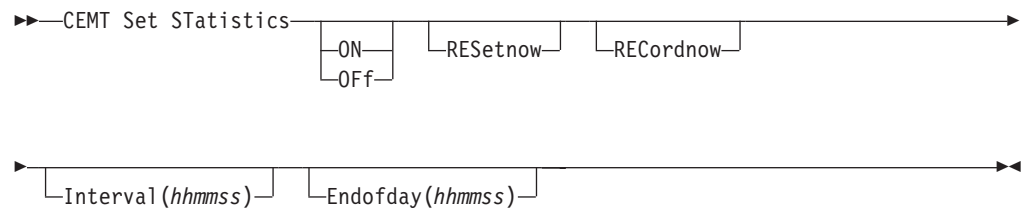
### CEMT SET PROCESSTYPE



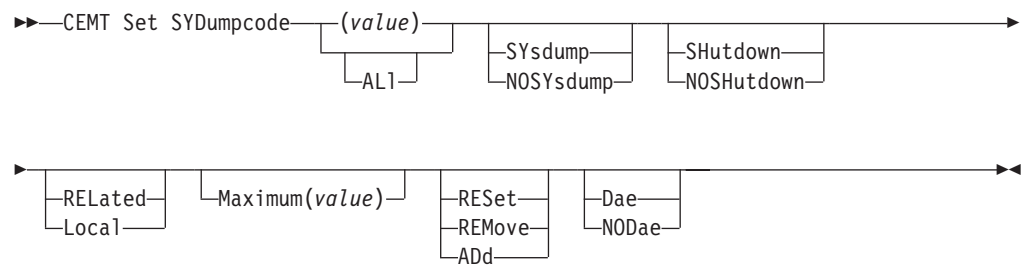
**CEMT SET PROGRAM**



**CEMT SET STATISTICS**

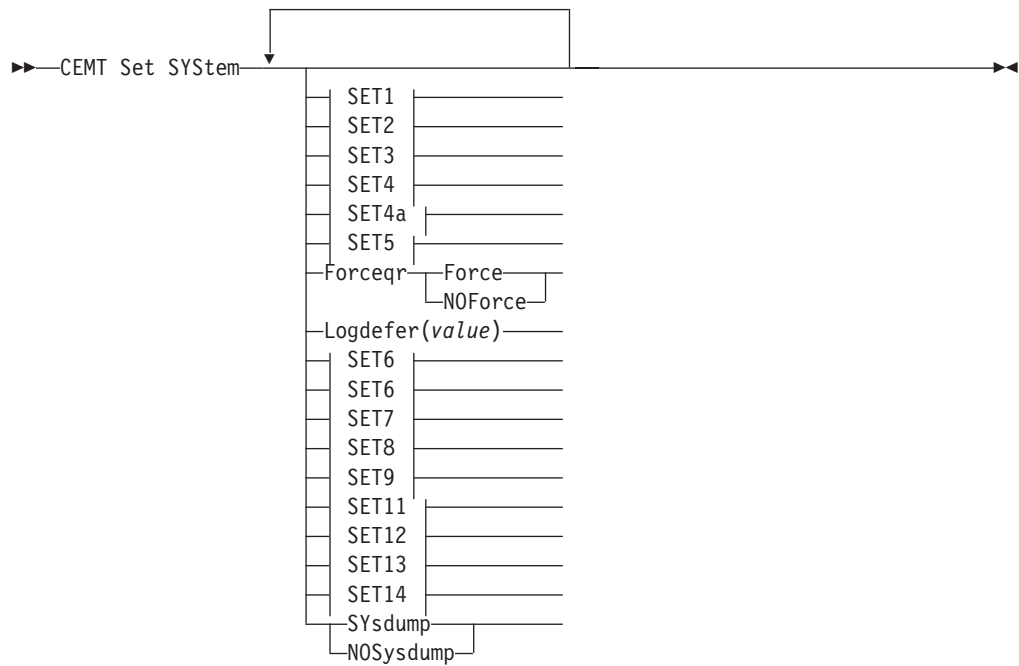


**CEMT SET SYDUMPCODE**



**CEMT SET SYSTEM**

## CST syntax



### SET2

|—AKp(*value*)—|

### SET14

|—Time(*value*)—|

### SET1

|—AGing(*value*)—|

### SET12

|—RUnaway(*value*)—|

### SET7

|—MRobatch(*value*)—|

**SET6**

|—MAxtasks(*value*)—|

**SET3**

|—DSAlimit(*value*)—|

**SET13**

|—SCandelay(*value*)—|

**SET5**

|—EDsalimit(*value*)—|

**SET4a**

|—DTrprogram(*value*)—|

**SET6**

|—MAXOpentcbs(*value*)—|

**SET4**

|—DSRtprogram(*value*)—|

**SET9**

|—Progautoexit(*value*)—|

**SET8**

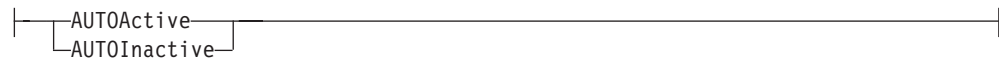
|—

CTLGA11
CTLGModify
CTLGNone

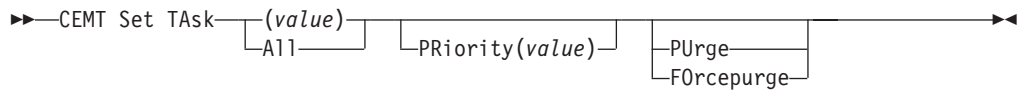
—|

## CST syntax

### SET11



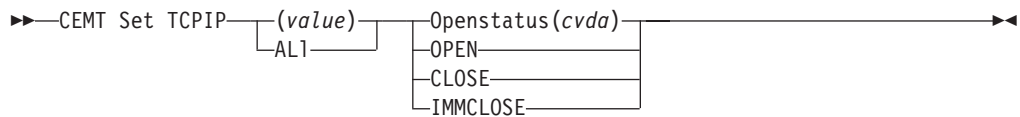
### CEMT SET TASK



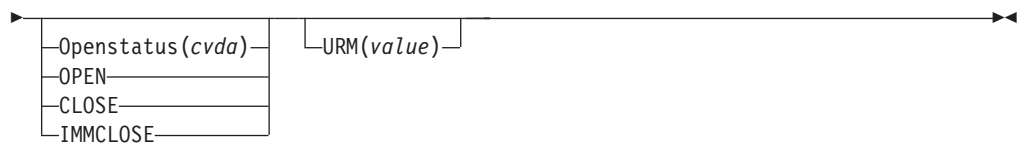
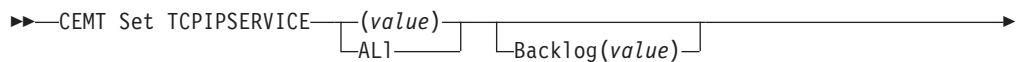
### CEMT SET TCLASS



### CEMT SET TCPIP



### CEMT SET TCPIP SERVICE

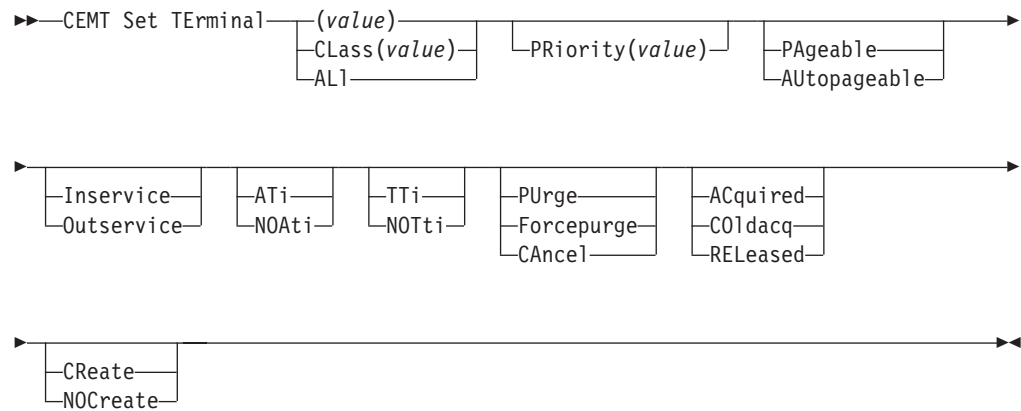


### CEMT SET TDQUEUE

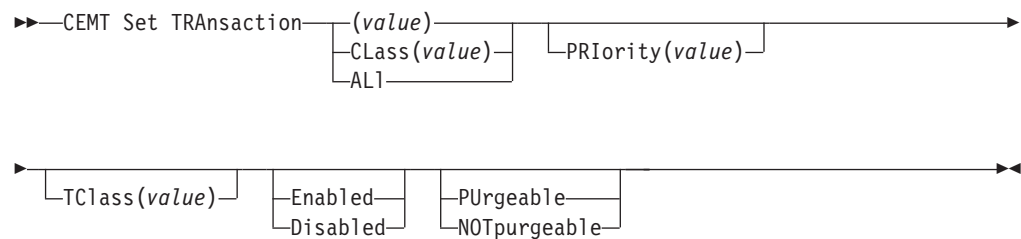




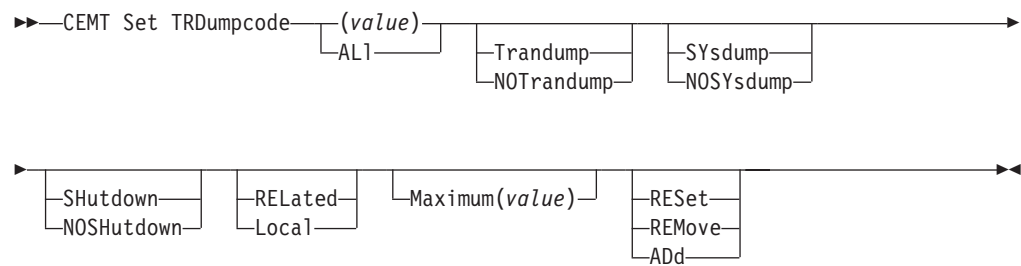
**CEMT SET TERMINAL**



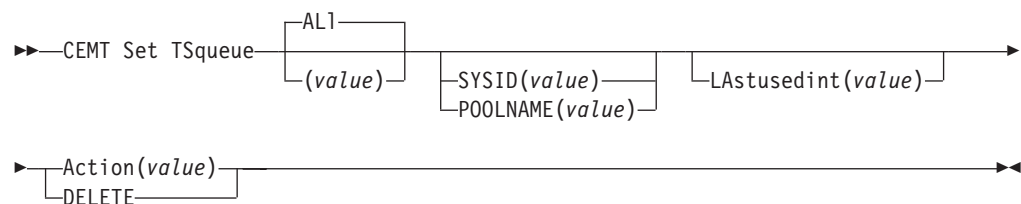
**CEMT SET TRANSACTION**



**CEMT SET TRDUMPCODE**

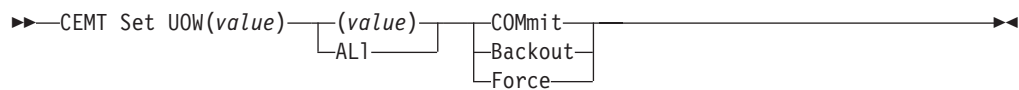


**CEMT SET TSQUEUE**

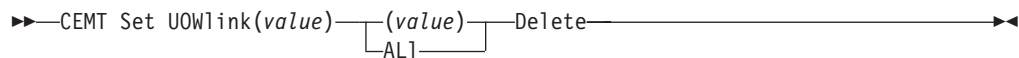


## CST syntax

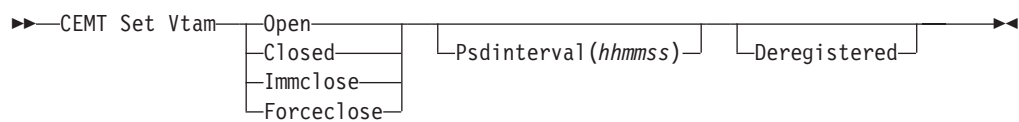
### CEMT SET UOW



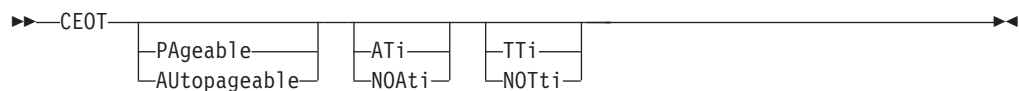
### CEMT SET UOWLINK



### CEMT SET VTAM



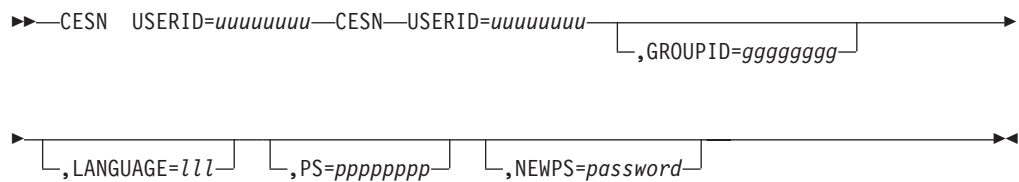
### CEOT



### CESF



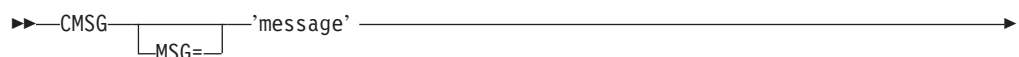
### CESN



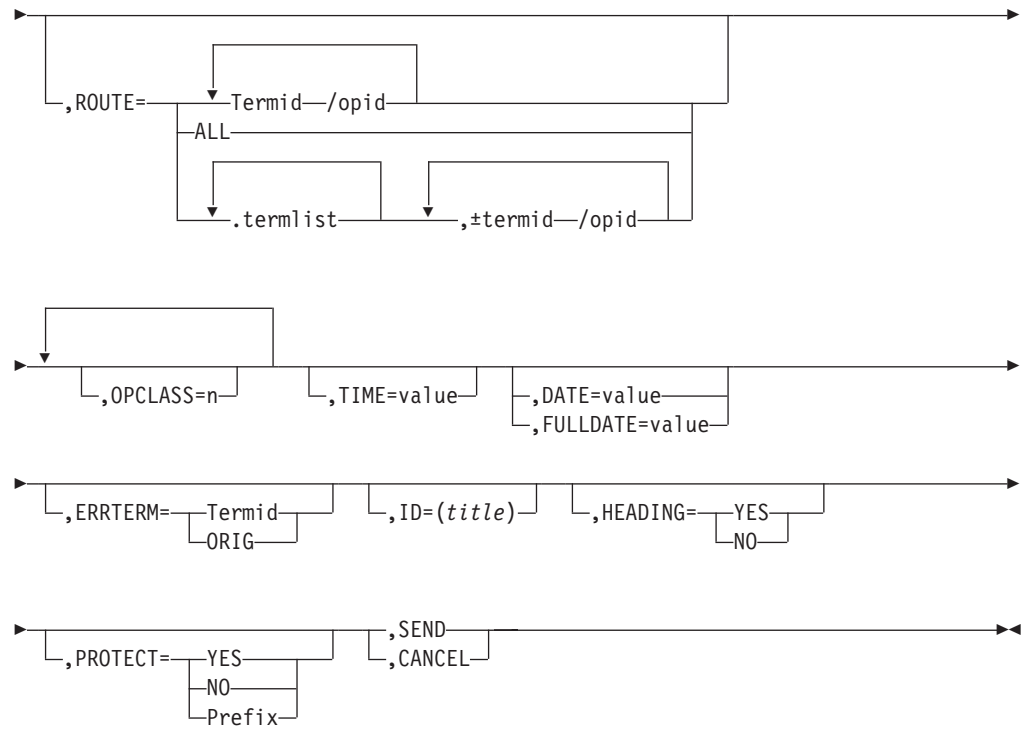
### Notes:

- 1 Do not use blanks between parameters in the comma-separated list.

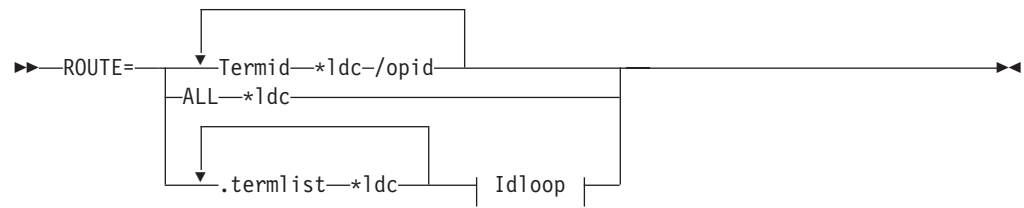
### CMSG



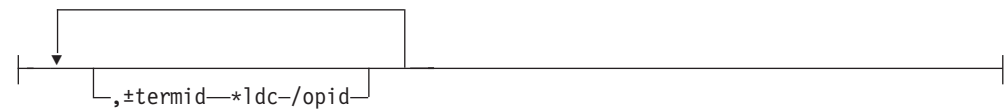
## CST syntax



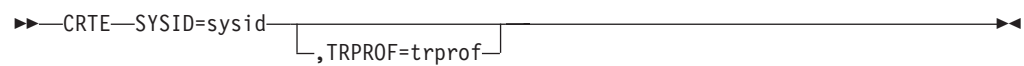
## ROUTE



## Idloop:



## CRTE



## CSFE SPOOLFE

## CST syntax

▶▶ CSFE spoolfe= 

ON
OFF

### CSFE ZCQTRACE

▶▶ CSFE zcqtrace =termid 

,AUTOINSTALL
,OFF

### CSFE DEBUG TRANID

▶▶ CSFE debug 

,TRANID=xxxx
,TASKREQ=yyy

,STGFRZ= <table border="1"><tr><td>OFF</td></tr><tr><td>ON</td></tr></table>	OFF	ON
OFF		
ON		

### CSFE DEBUG CHKSTSK

▶▶ CSFE debug 

,CHKSTSK= <table border="1"><tr><td>CURRENT</td></tr><tr><td>NONE</td></tr></table>	CURRENT	NONE
CURRENT		
NONE		
,CHKSTRM= <table border="1"><tr><td>CURRENT</td></tr><tr><td>NONE</td></tr></table>	CURRENT	NONE
CURRENT		
NONE		

### CSPG GETPAGE

▶▶ CSPG Getpage 

A
---

 B 

*1dc
*ALL

,hhhhh
--------

### CSPG MESSCHNYYYY

▶▶ CSPG Messchnyyy 

Parameters
------------

### CSPG MSGTERM

▶▶ CSPG Msgterm 

A
B
C
H
R

,hhhhh
--------

**CWTO**



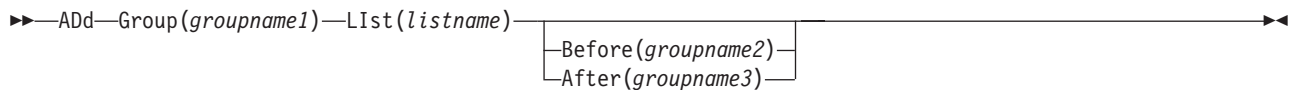
## CST syntax

---

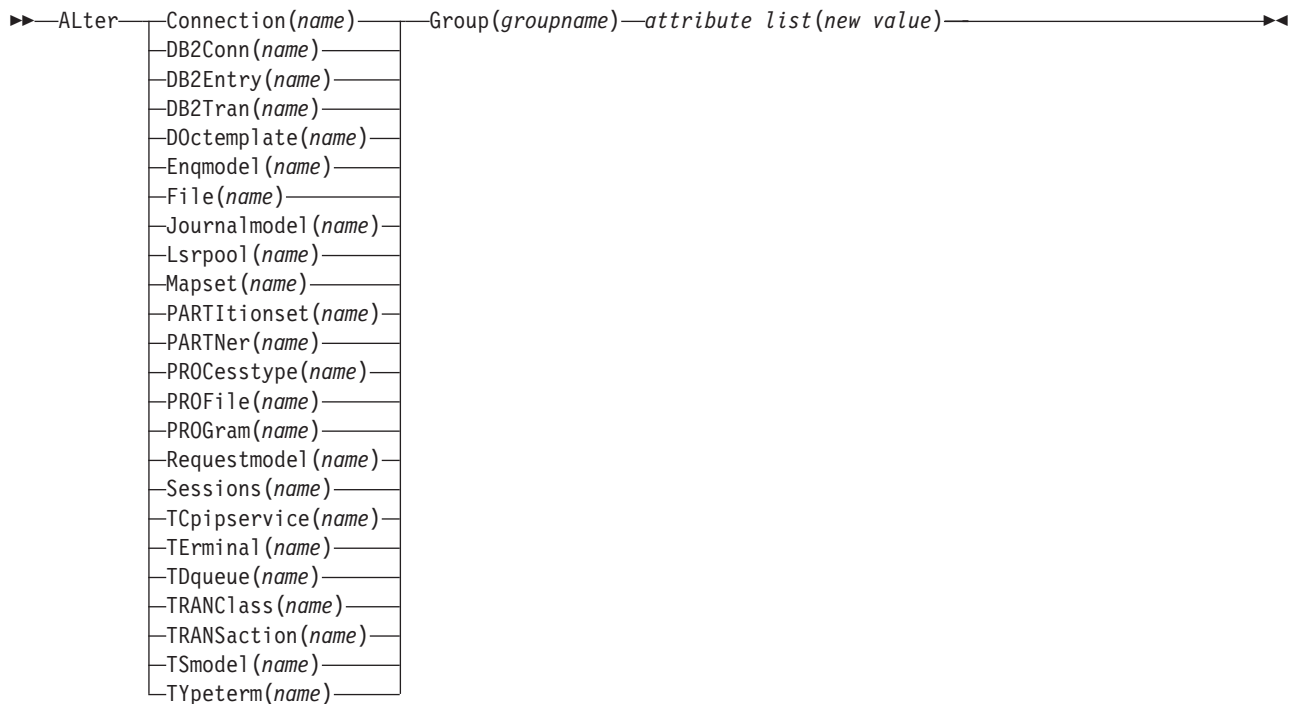
## Chapter 4. Resource definition online

The syntax diagrams that follow are taken from the *CICS Resource Definition Guide*.

### ADD syntax



### ALTER syntax



### APPEND syntax

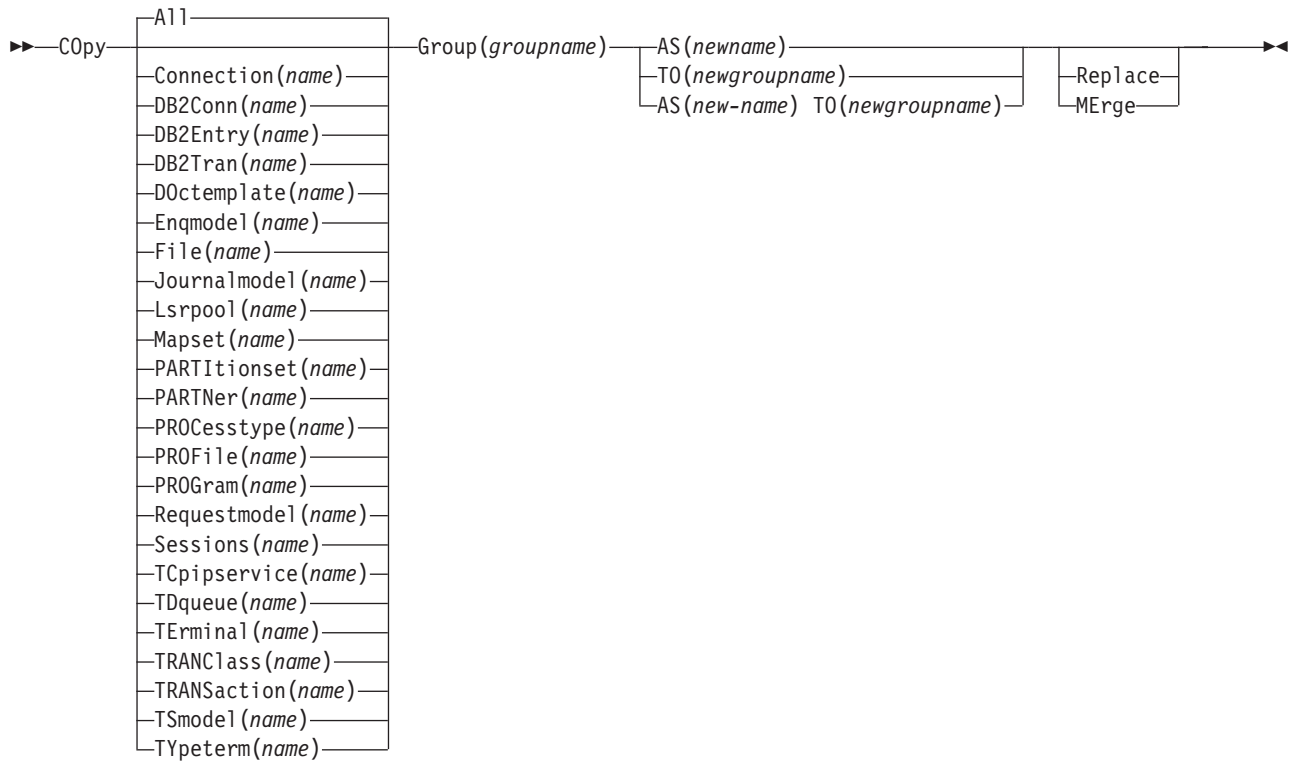


### CHECK syntax

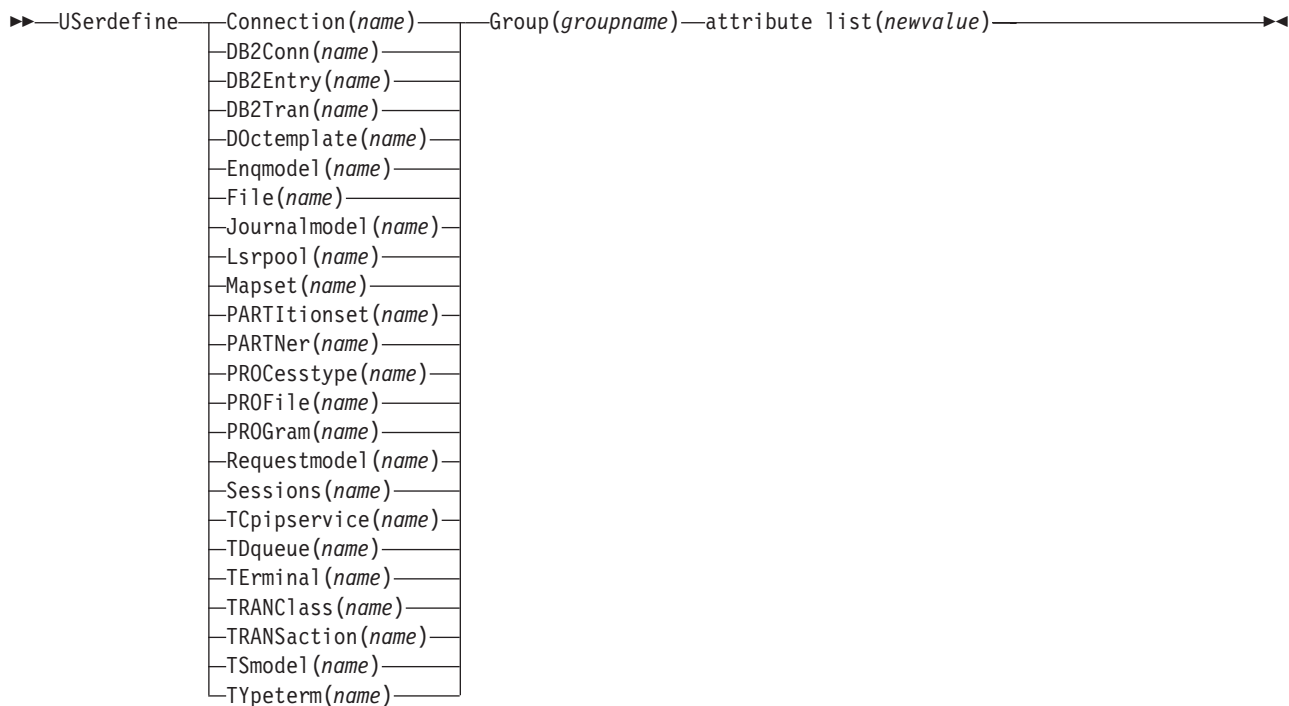


## RDO

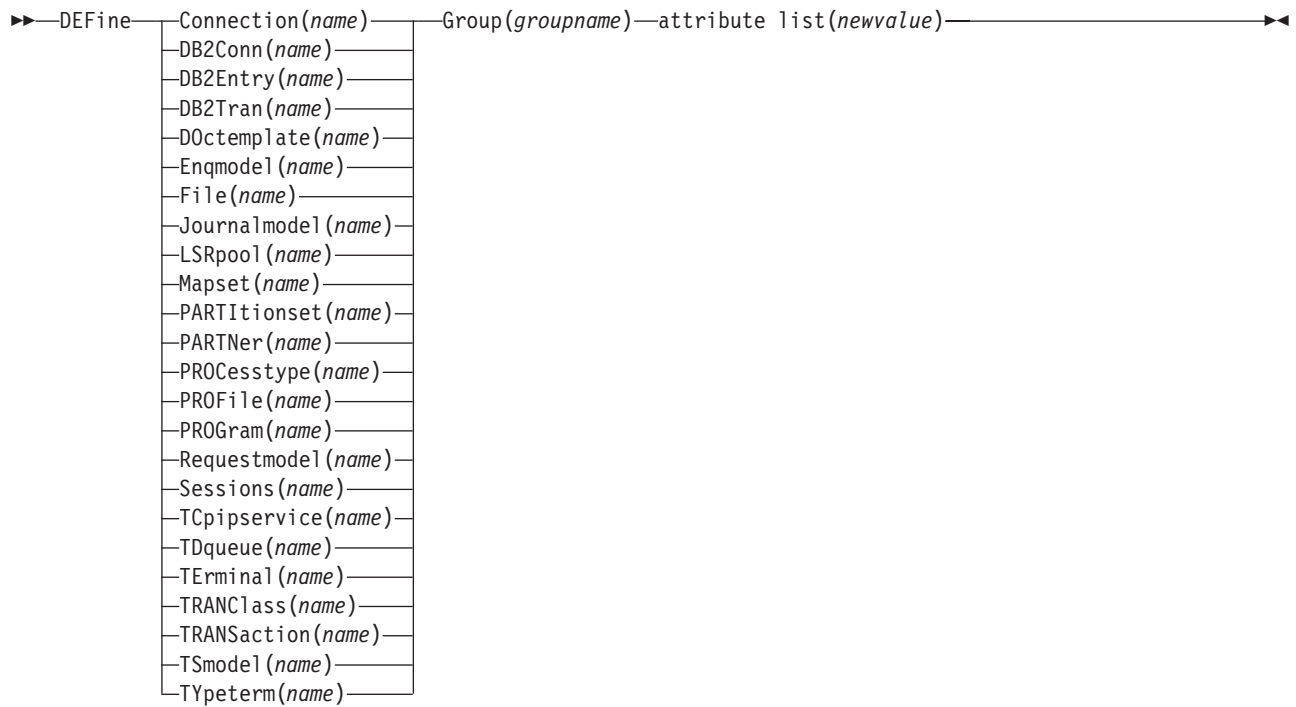
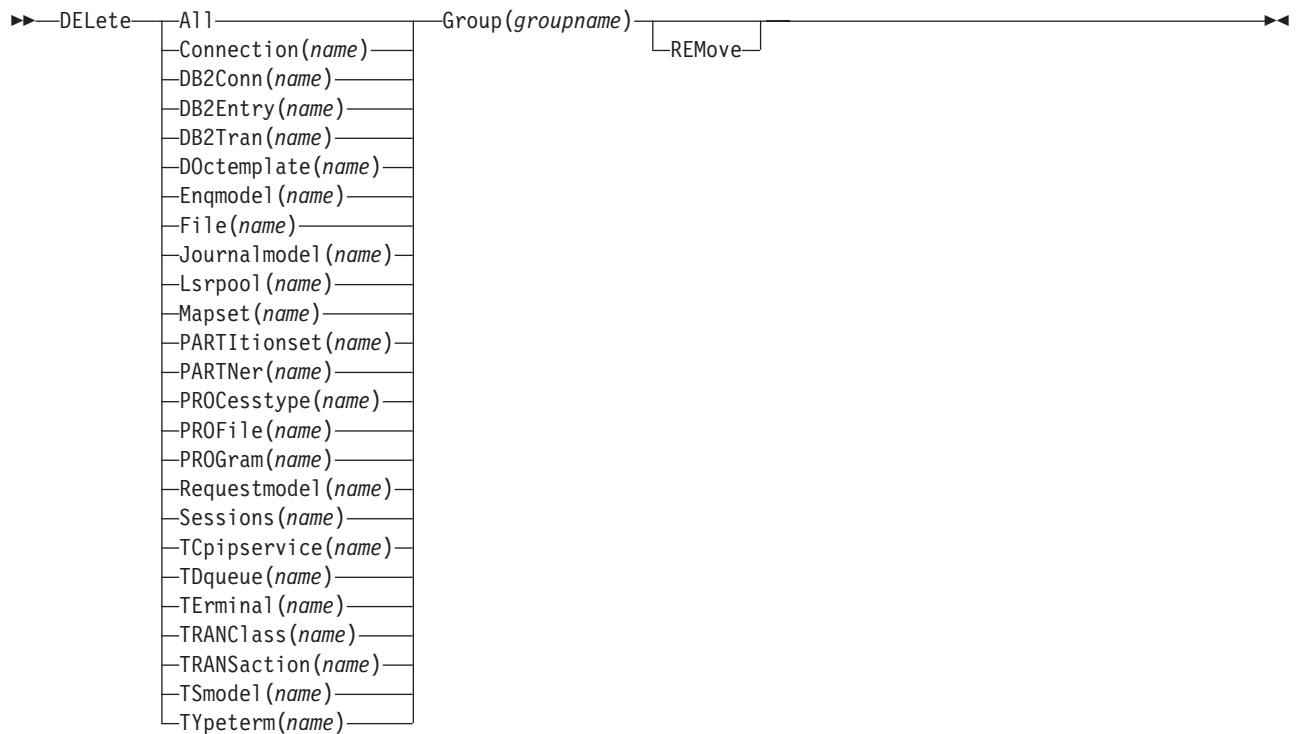
### COPY syntax



### USERDEFINE syntax

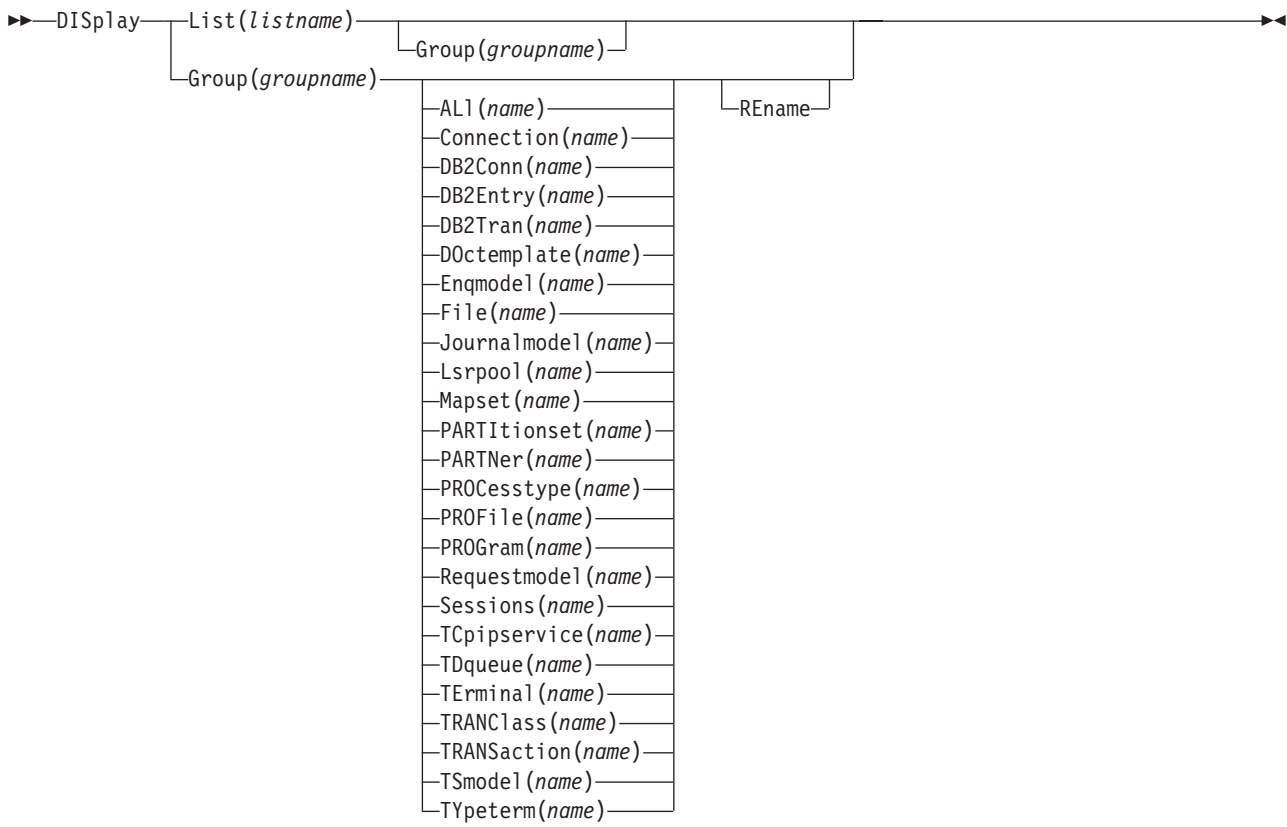




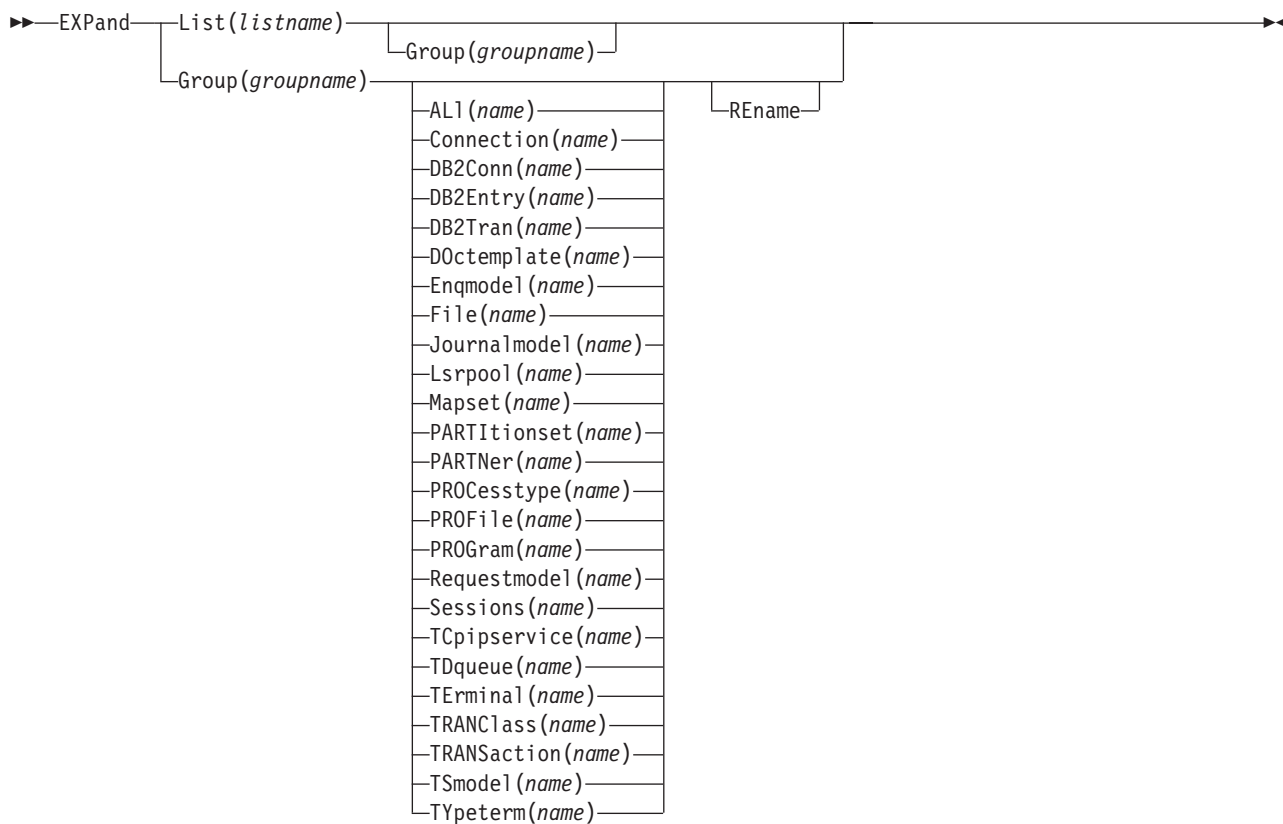
**DEFINE syntax****DELETE syntax**

## RDO

### DISPLAY syntax

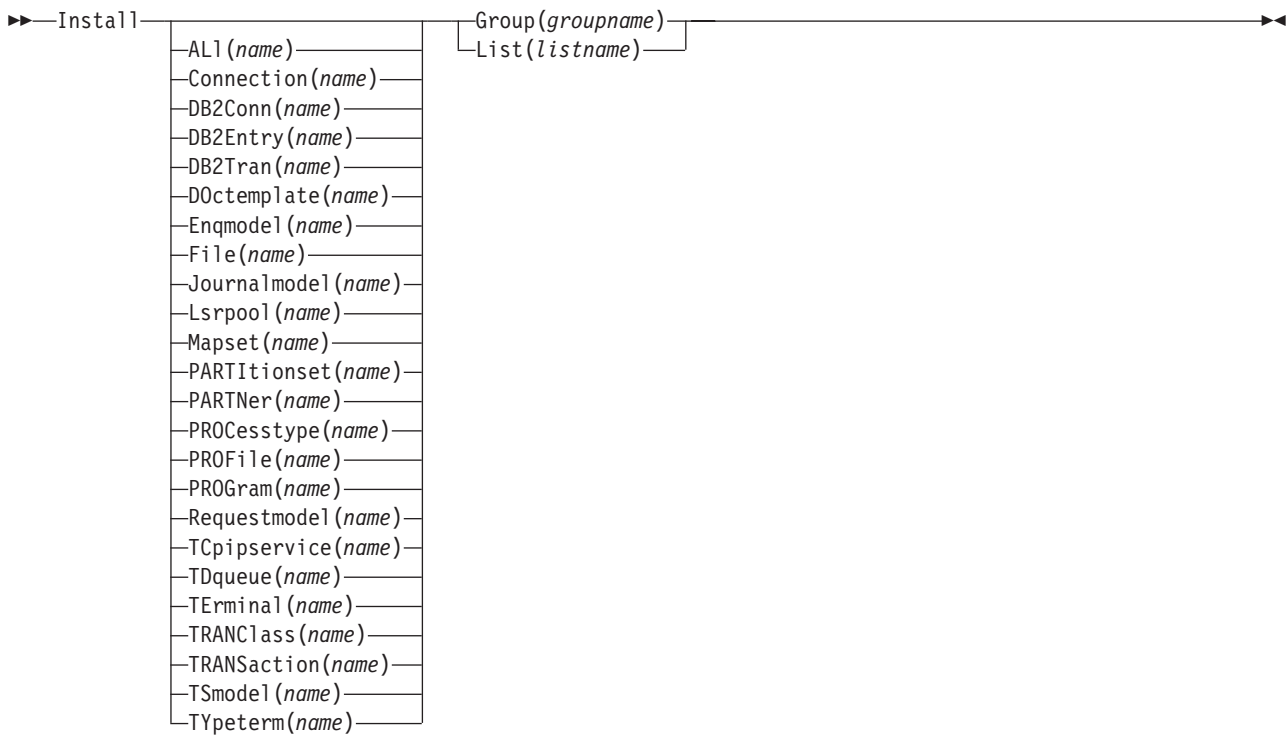


## EXPAND syntax

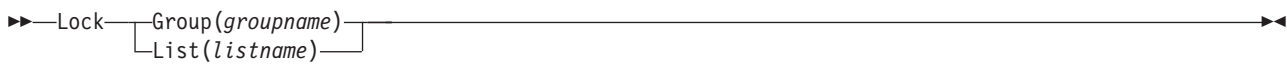


## RDO

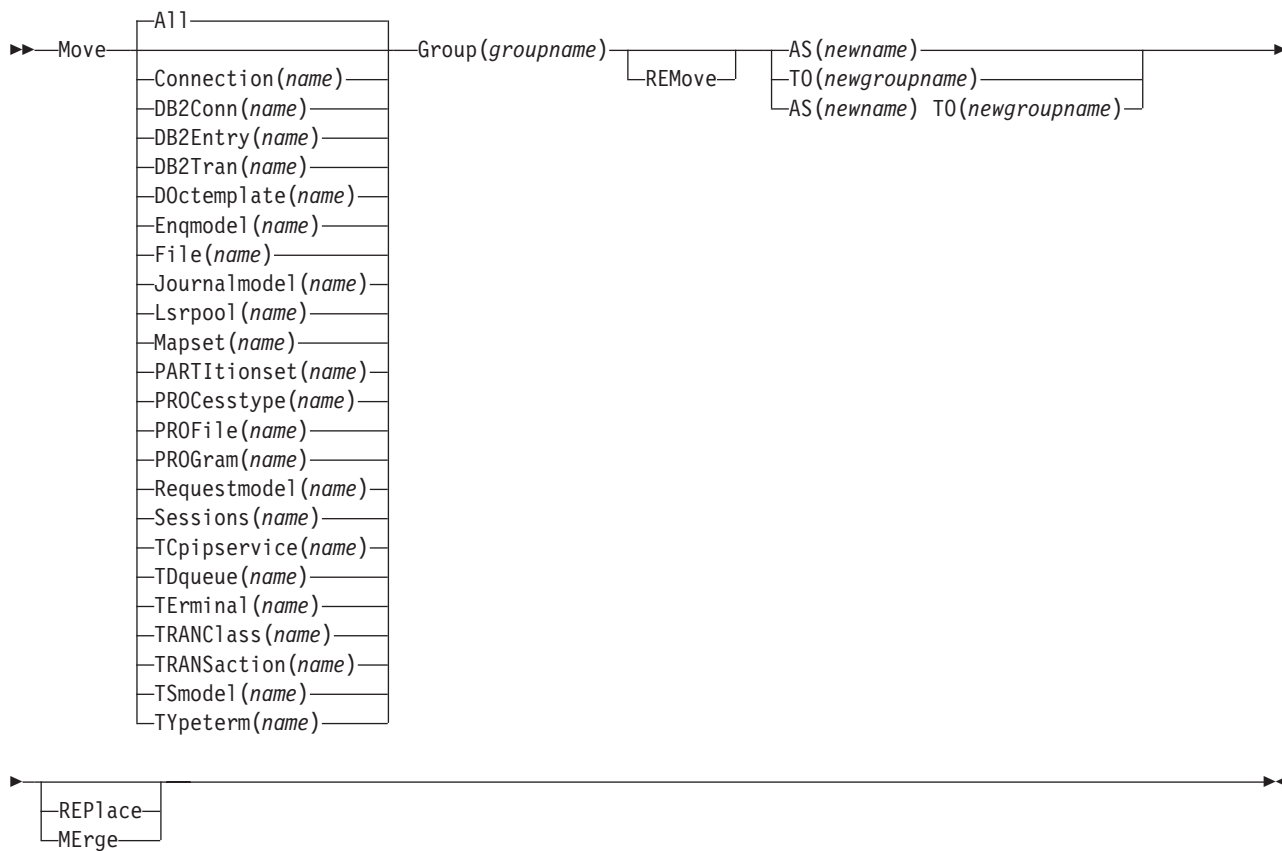
### INSTALL syntax



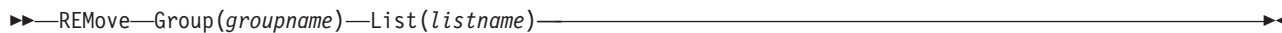
### LOCK syntax



**MOVE syntax**

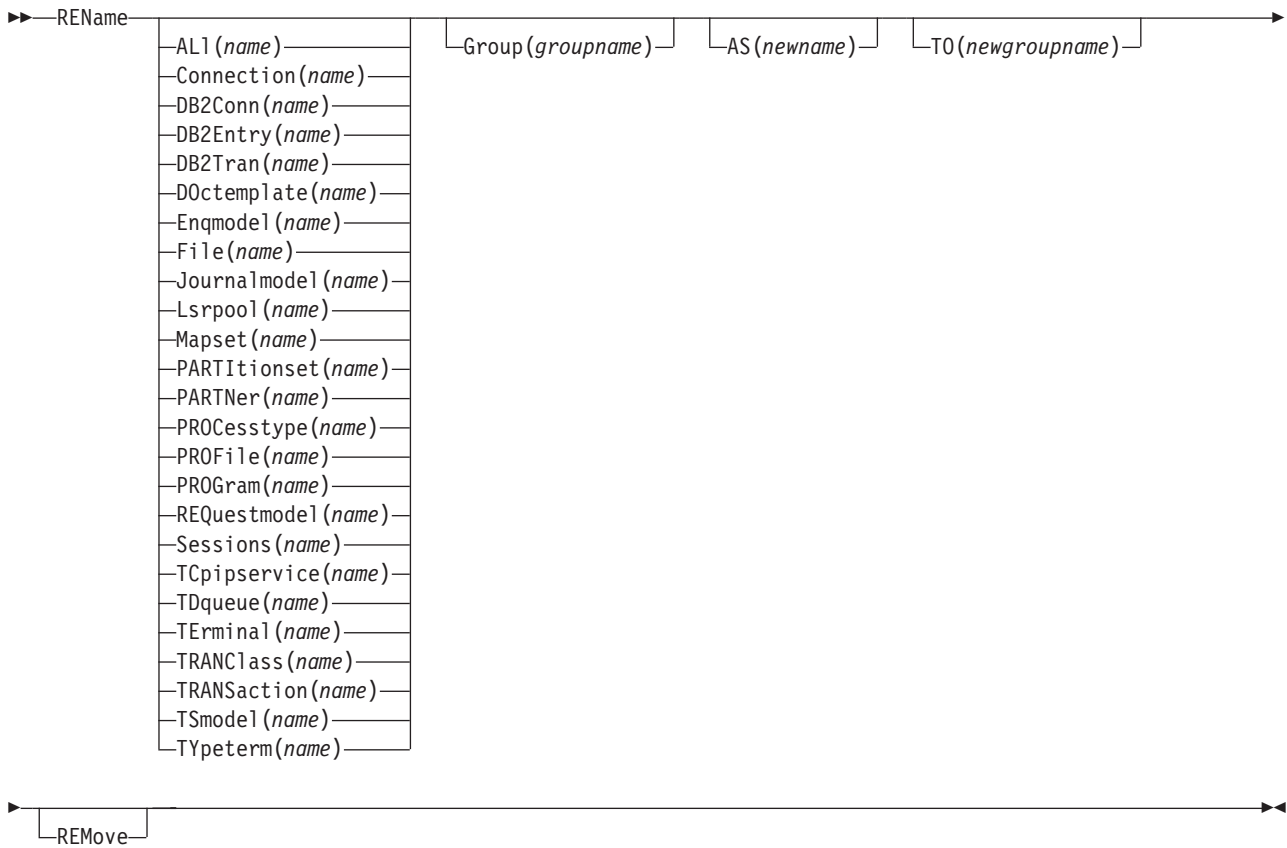


**REMOVE syntax**

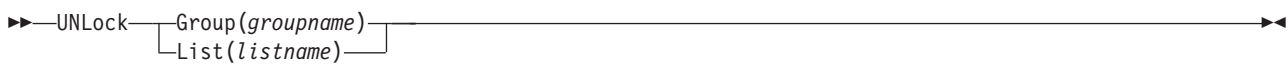


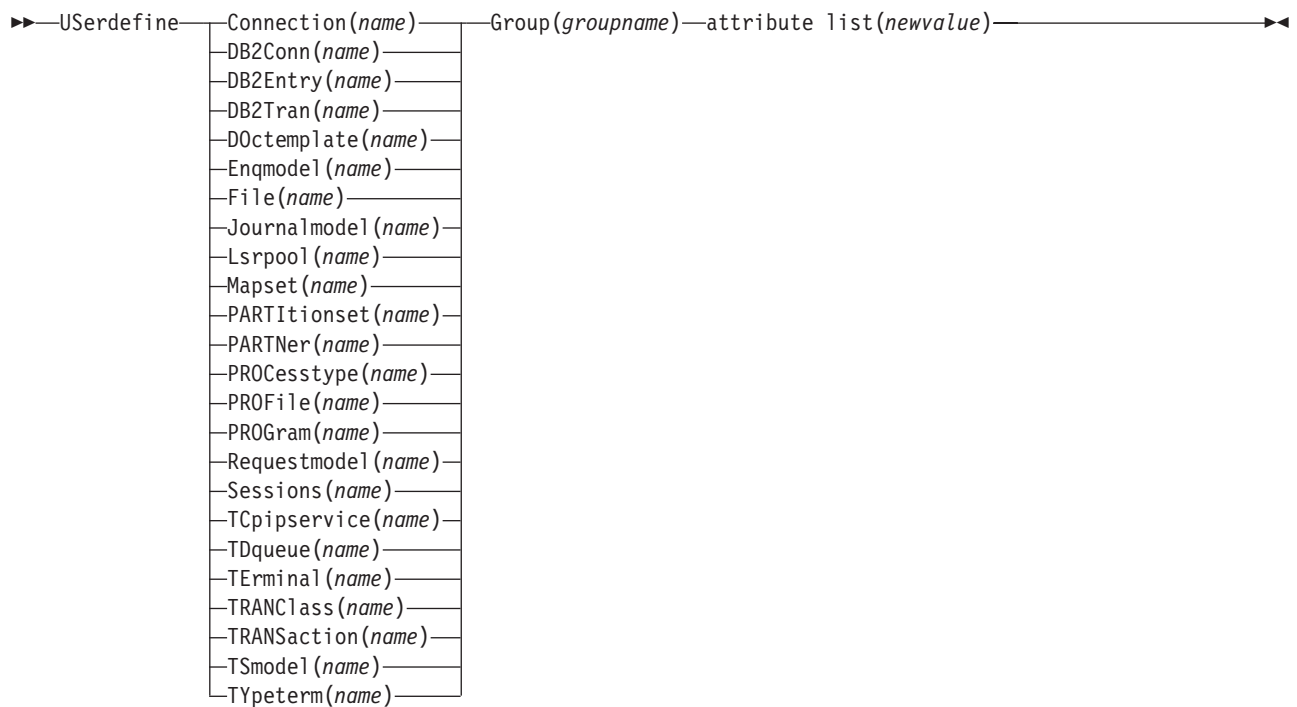
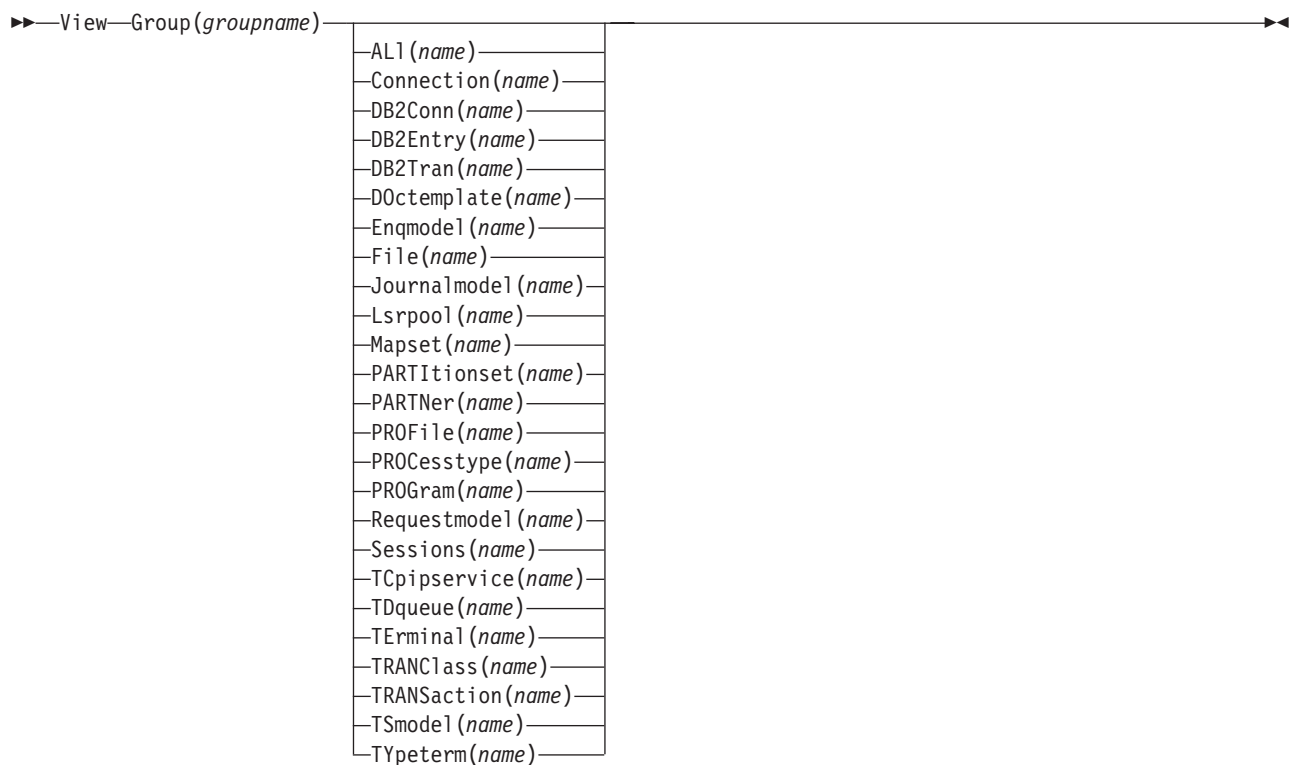
## RDO

### RENAME syntax



### UNLOCK syntax



**USERDEFINE syntax****VIEW syntax**





---

## Chapter 5. DFHCSDUP commands

The syntax diagrams that follow are taken from the *CICS Resource Definition Guide*.

### ADD syntax

►►—Add—Group(*groupname*)—List(*listname*)—

### ALTER syntax

►►—Alter—

Connection( <i>name</i> )
DB2Conn( <i>name</i> )
DB2Entry( <i>name</i> )
DB2Tran( <i>name</i> )
D0ctemplate( <i>name</i> )
Enqmodel( <i>name</i> )
File( <i>name</i> )
Journalmodel( <i>name</i> )
Lsrpool( <i>name</i> )
Mapset( <i>name</i> )
PARTitionset( <i>name</i> )
PARTner( <i>name</i> )
PROcesstype( <i>name</i> )
PROfile( <i>name</i> )
PROgram( <i>name</i> )
Requestmodel( <i>name</i> )
Sessions( <i>name</i> )
Tcpiervice( <i>name</i> )
TDqueue( <i>name</i> )
TERminal( <i>name</i> )
TRANClass( <i>name</i> )
TRANSaction( <i>name</i> )
TSmode1( <i>name</i> )
TYpeterm( <i>name</i> )

—Group(*groupname*)—attribute list(*new value*)—

### APPEND syntax

►►—Append—FRomcsd(*ddname*)—List(*listname1*)—To(*listname2*)—

### COPY syntax

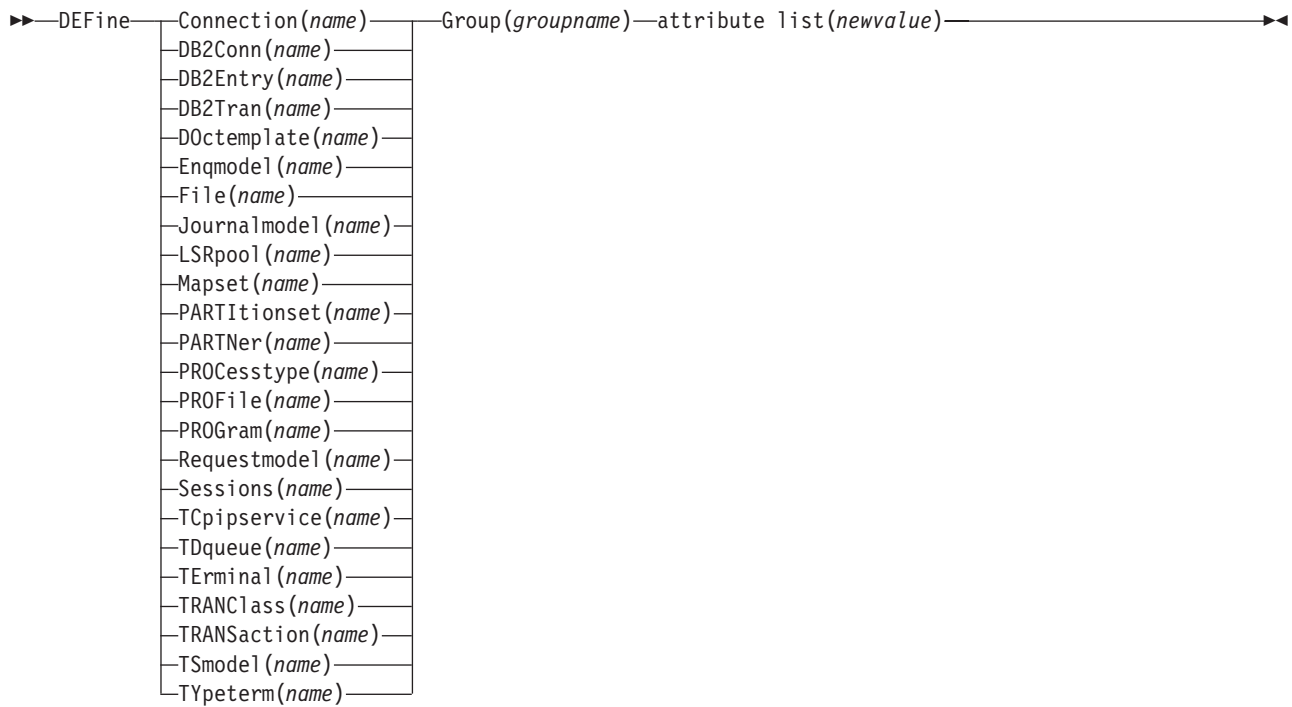
►►—Copy—Group(*groupname1*)—To(*groupname2*)—

Replace
MErge

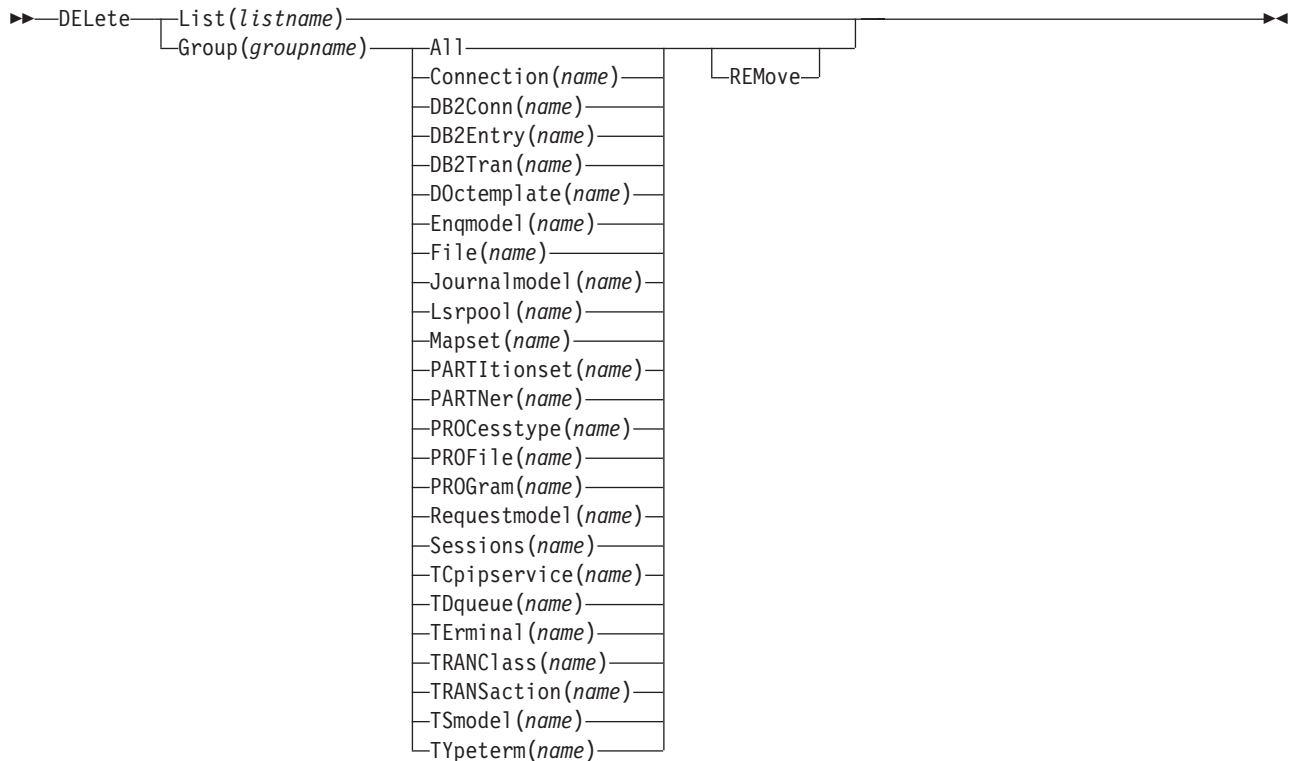
—FRomcsd(*ddname*)—

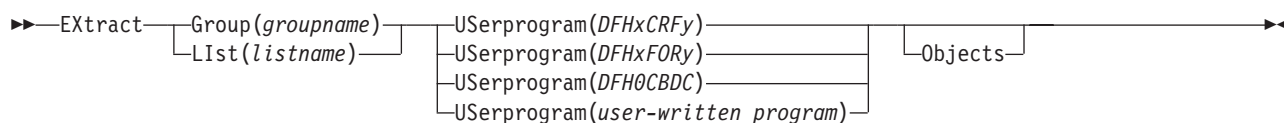
## CSD

### DEFINE syntax



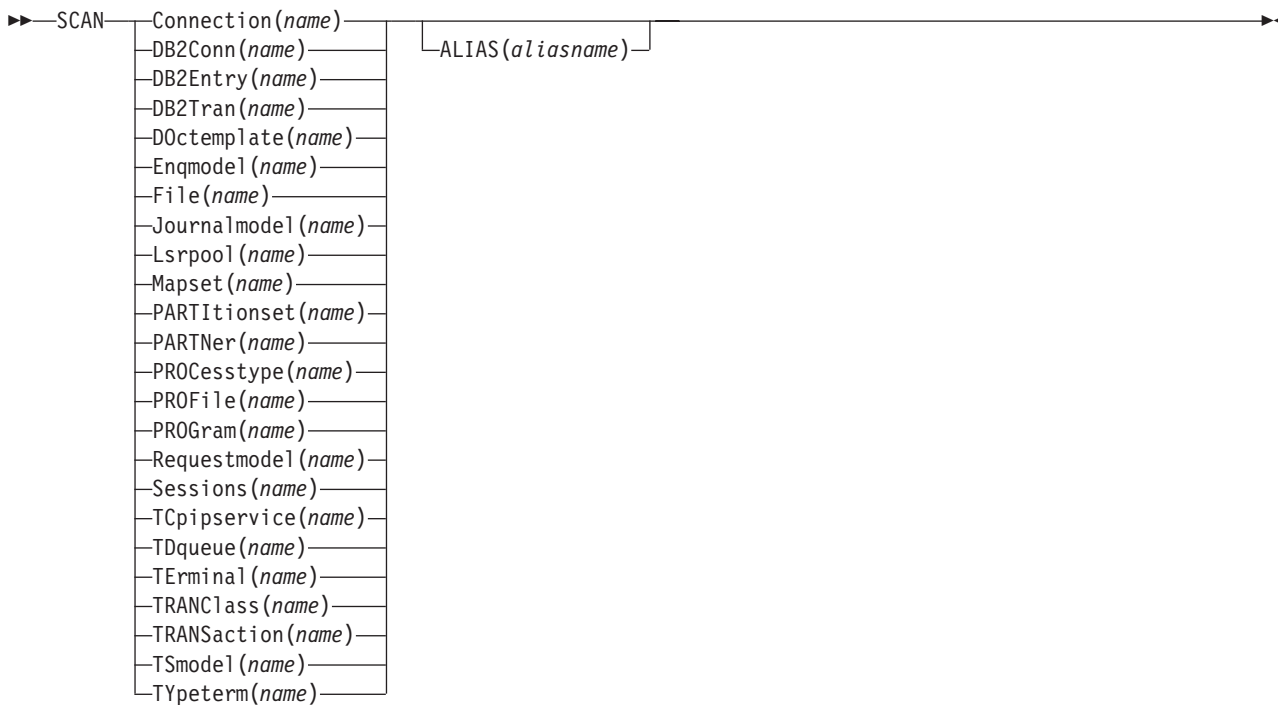
### DELETE syntax



**EXTRACT syntax****INITIALIZE syntax****LIST syntax****MIGRATE syntax****REMOVE syntax**

## CSD

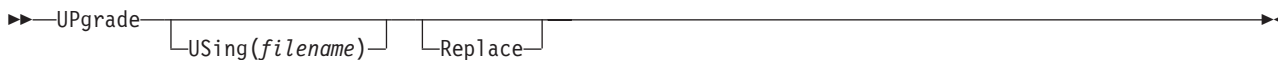
### SCAN syntax



### SERVICE syntax



### UPGRADE syntax



### VERIFY syntax



---

## Chapter 6. Front End Programming Interface command reference

This chapter contains General Use Programming Interface information.

---

### FEPI application programming

#### FEPI ALLOCATE PASSCONVID

▶▶—FEPI ALLOCATE—PASSCONVID(*data-value*)—————▶▶

#### Notes:

1 INVREQ

#### FEPI ALLOCATE POOL

▶▶—FEPI ALLOCATE—POOL(*data-value*)—CONVID(*data-area*)———▶▶  
└─TARGET(*data-value*)┘

└─TIMEOUT(*data-value*)┘ └─SEQNUMIN(*data-area*)┘ └─SEQNUMOUT(*data-area*)┘

└─SESSNSTATUS(*cvda*)┘—————▶▶

#### Notes:

1 INVREQ

#### FEPI AP NOOP

▶▶—FEPI AP NOOP—————▶▶

#### Notes:

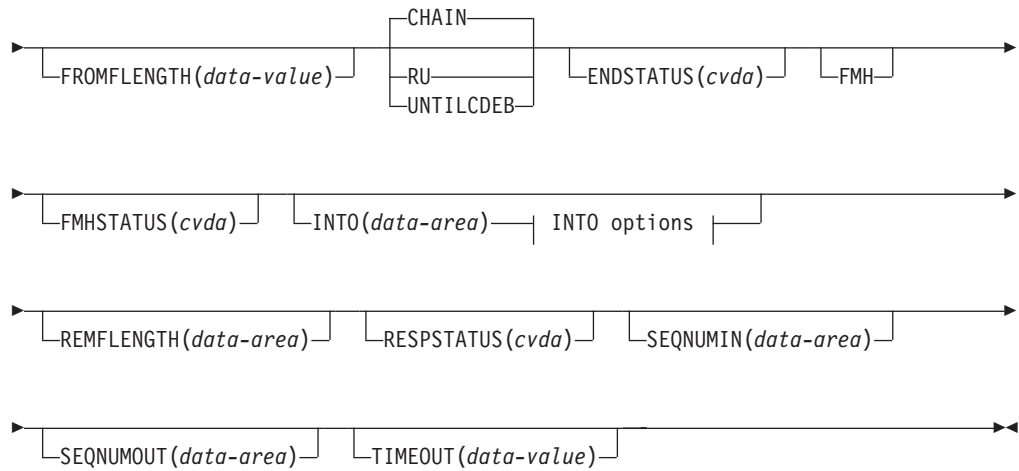
1 INVREQ

### Previously allocated conversation

#### FEPI CONVERSE DATASTREAM

▶▶—FEPI CONVERSE DATASTREAM—CONVID(*data-value*)—FROM(*data-value*)————▶▶

## FEPI programming



### INTO options:

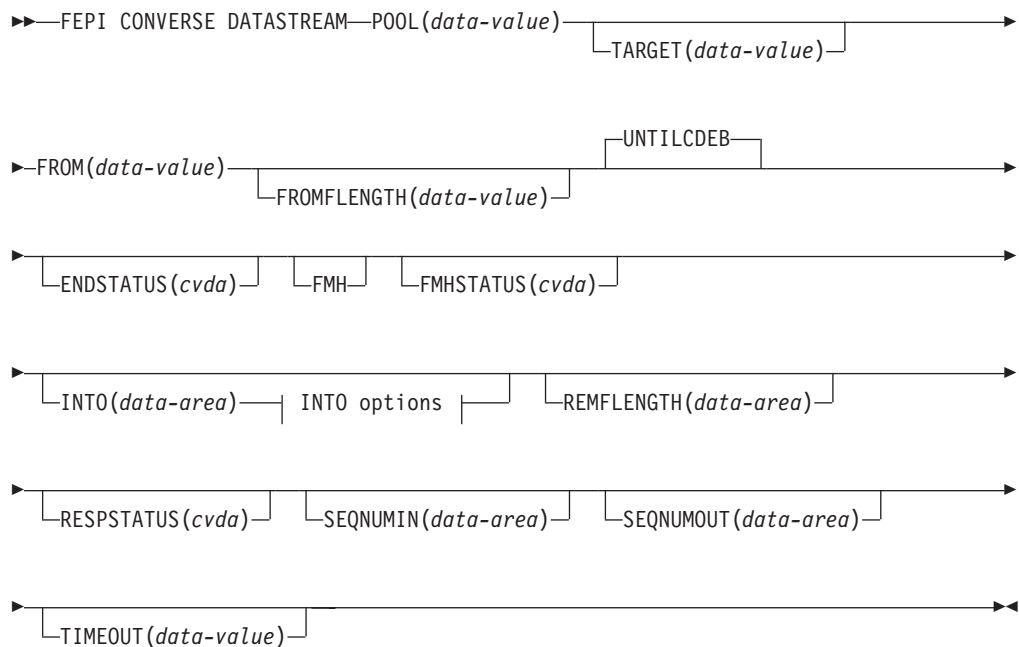


### Notes:

- 1 INVREQ

## Temporary conversation

### FEPI CONVERSE DATASTREAM



**INTO options:**

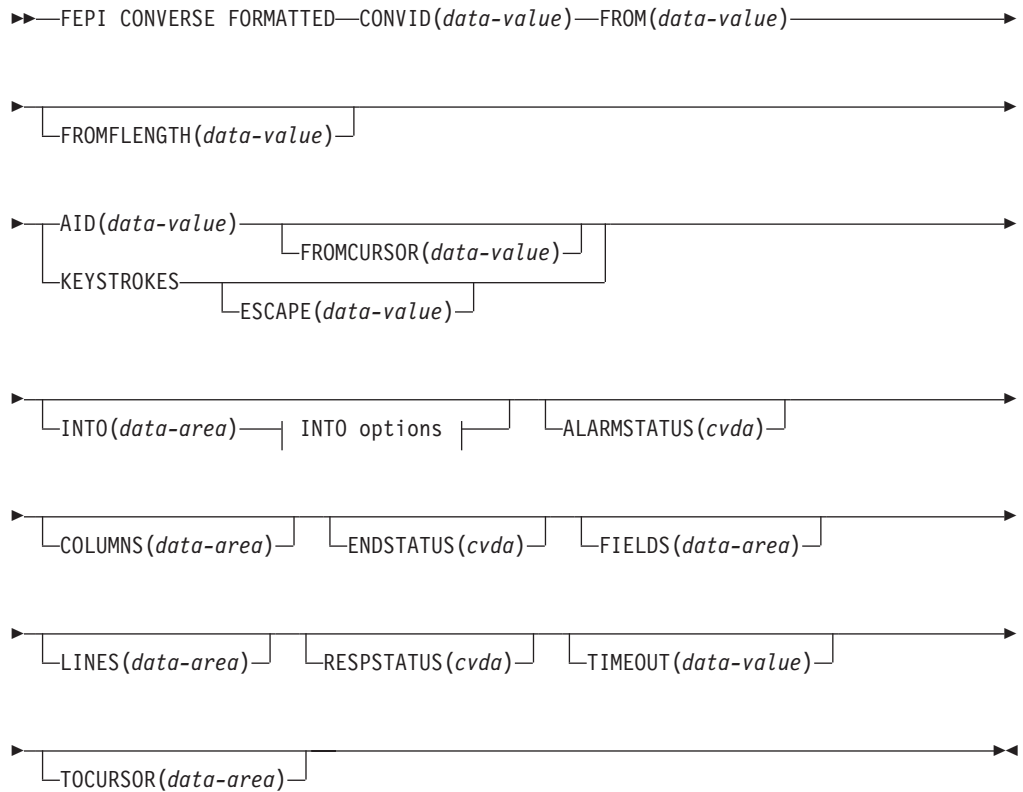


**Notes:**

- 1 INVREQ

**Previously allocated conversation**

**FEPI CONVERSE FORMATTED**



**INTO options:**



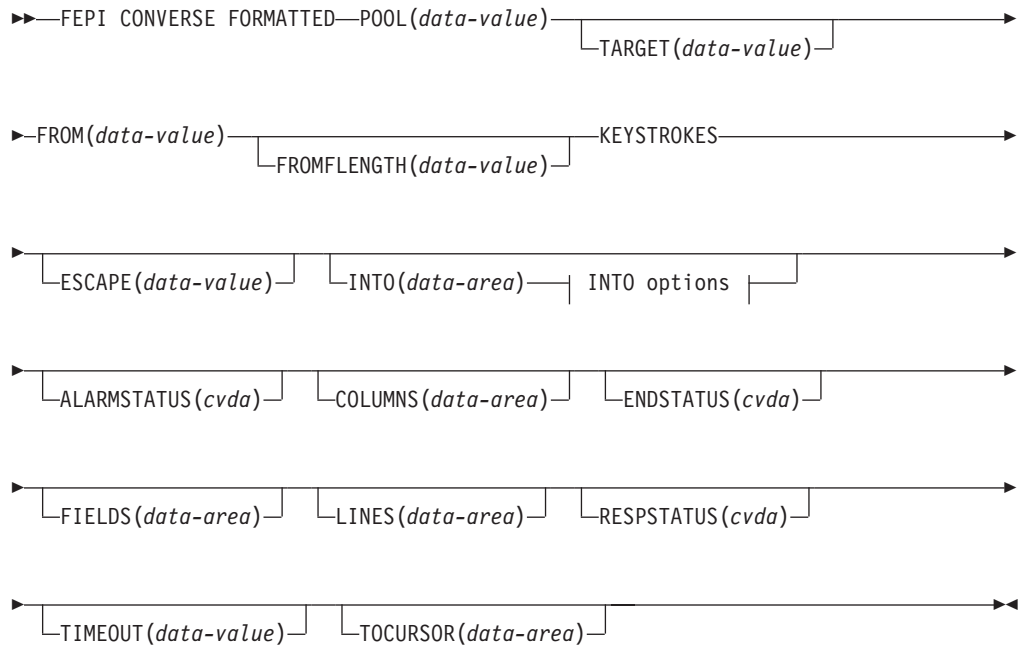
**Notes:**

- 1 INVREQ

## FEPI programming

### Temporary conversation

#### FEPI CONVERSE FORMATTED



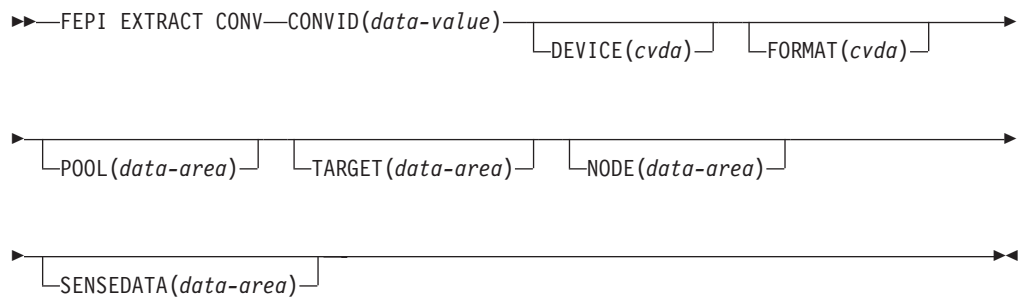
#### INTO options:



#### Notes:

- 1 INVREQ

#### FEPI EXTRACT CONV

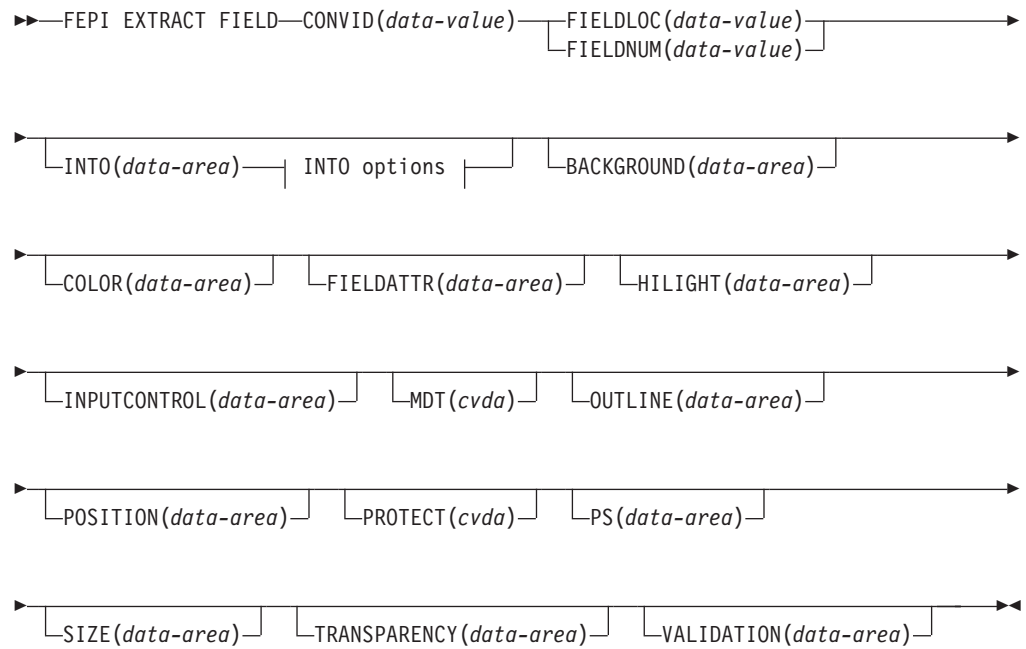


#### Notes:

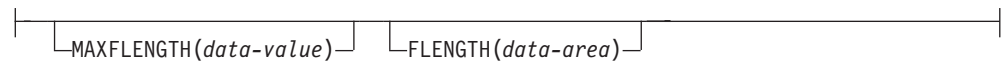
- 1 INVREQ



**FEPI EXTRACT FIELD**



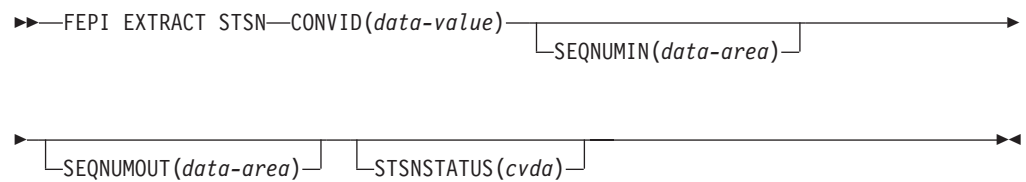
**INTO options:**



**Notes:**

- 1 INVREQ

**FEPI EXTRACT STSN**

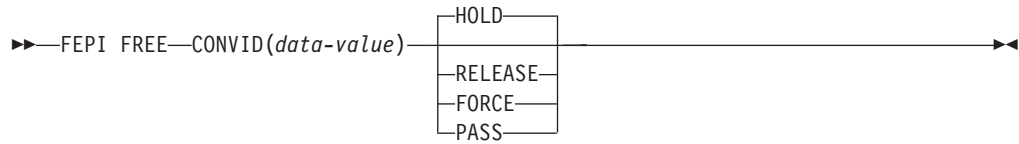


**Notes:**

- 1 INVREQ

## FEPI programming

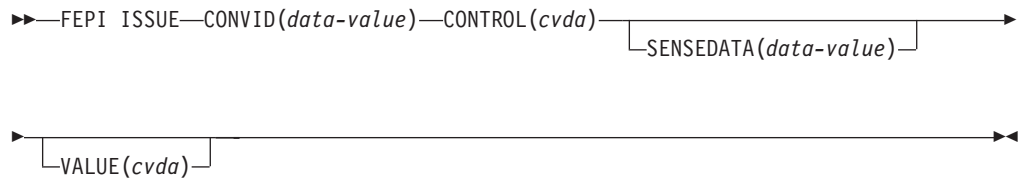
### FEPI FREE



#### Notes:

- 1 INVREQ

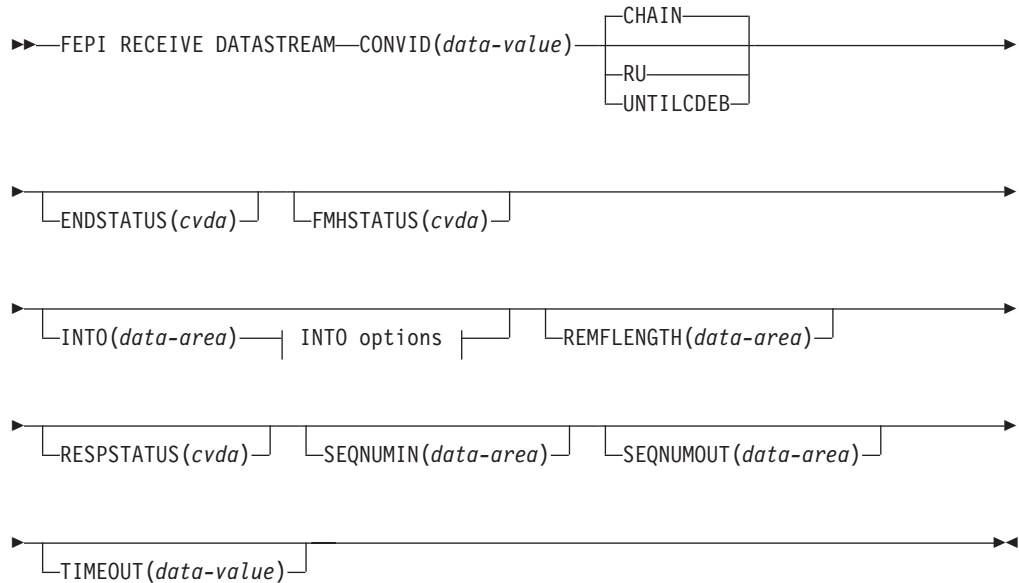
### FEPI ISSUE



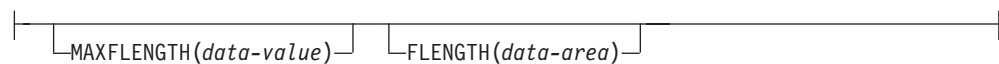
#### Notes:

- 1 INVREQ

### FEPI RECEIVE DATASTREAM



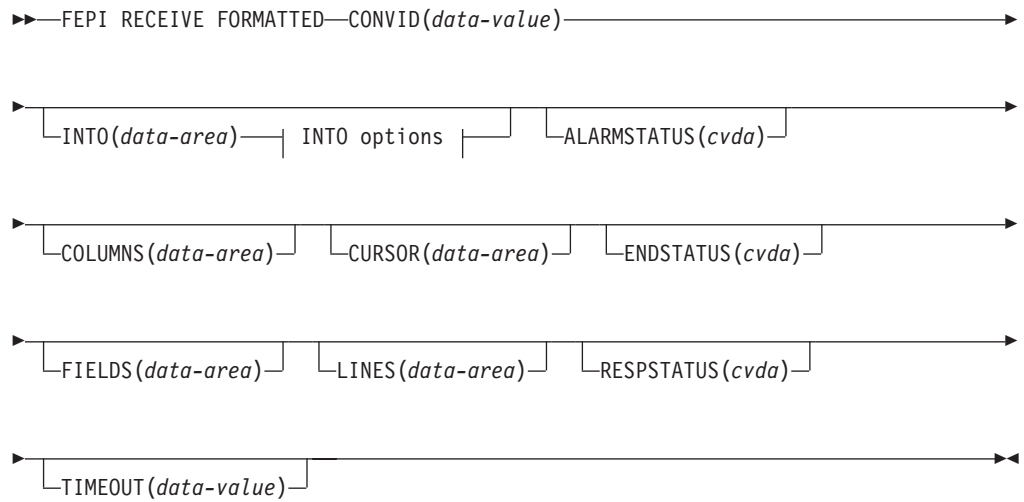
#### INTO options:



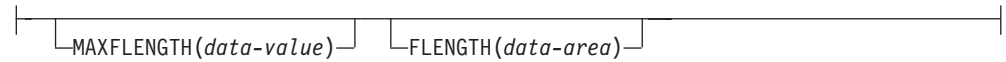
**Notes:**

1 INVREQ

**FEPI RECEIVE FORMATTED**



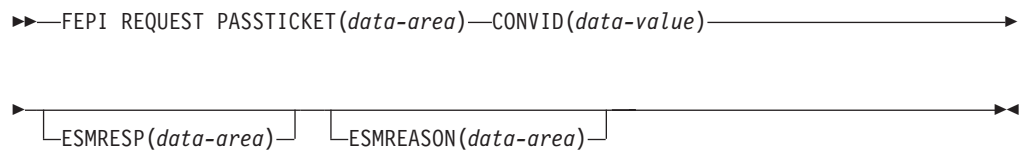
**INTO options:**



**Notes:**

1 INVREQ

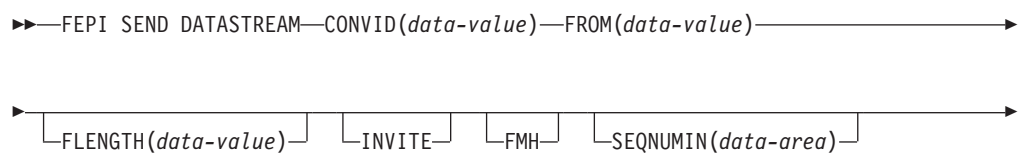
**FEPI REQUEST PASSTICKET**



**Notes:**

1 INVREQ

**FEPI SEND DATASTREAM**



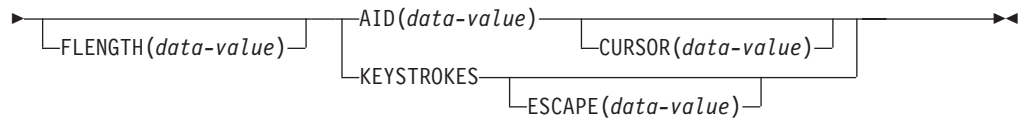
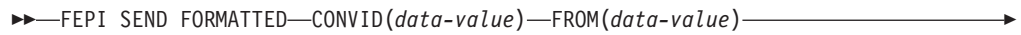
## FEPI programming



### Notes:

1 INVREQ

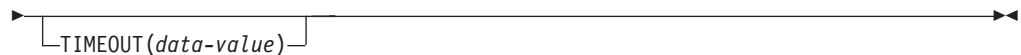
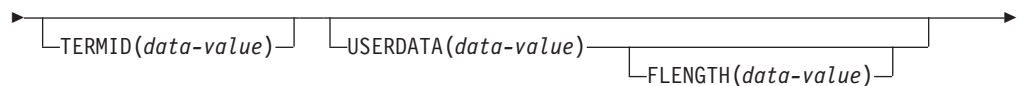
### FEPI SEND FORMATTED



### Notes:

1 INVREQ

### FEPI START

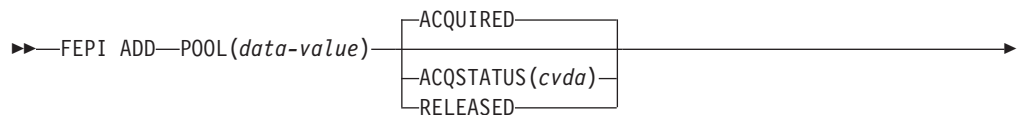


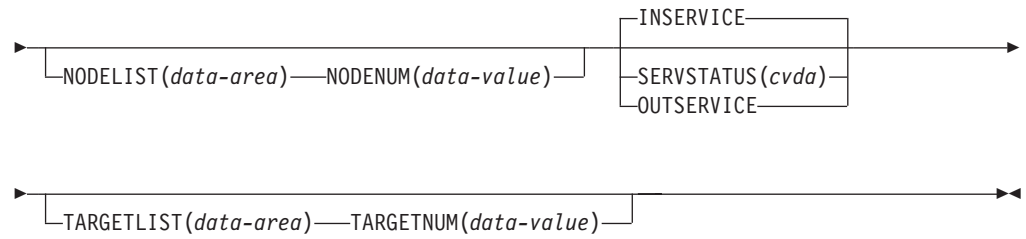
### Notes:

1 INVREQ

## FEPI system programming

### FEPI ADD POOL

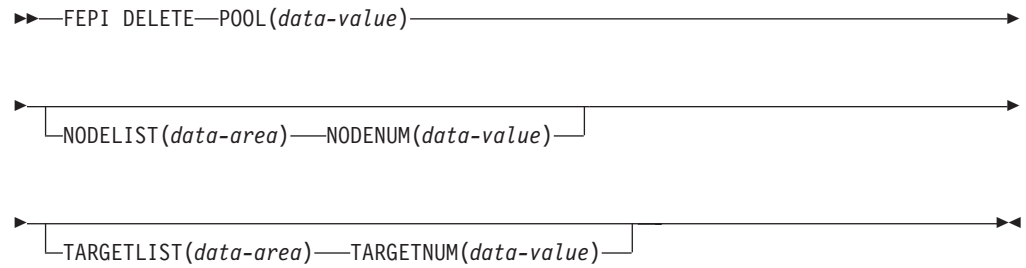




**Notes:**

- 1 INVREQ, NOTAUTH

**FEPI DELETE POOL**



**Notes:**

- 1 INVREQ, NOTAUTH

**FEPI DISCARD NODELIST**



**Notes:**

- 1 INVREQ, NOTAUTH

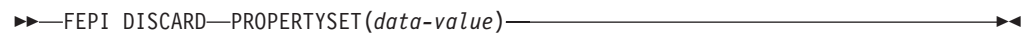
**FEPI DISCARD POOL**



**Notes:**

- 1 INVREQ, NOTAUTH

**FEPI DISCARD PROPERTYSET**



**Notes:**

- 1 INVREQ, NOTAUTH

## FEPI programming

### FEPI DISCARD TARGETLIST

▶▶—FEPI DISCARD—TARGETLIST(*data-area*)—TARGETNUM(*data-value*)—▶▶

#### Notes:

1 INVREQ, NOTAUTH

### FEPI INQUIRE CONNECTION

▶▶—FEPI INQUIRE CONNECTION—NODE(*data-value*)—TARGET(*data-value*)—▶▶

┌ACQNUM(*data-area*)┐ ┌ACQSTATUS(*cvda*)┐ ┌CONVNUM(*data-area*)┐

┌INSTLSTATUS(*cvda*)┐ ┌LASTACQCODE(*data-area*)┐ ┌POOL(*data-area*)┐

┌SERVSTATUS(*cvda*)┐ ┌STATE(*cvda*)┐ ┌USERDATA(*data-area*)┐

┌WAITCONVNUM(*data-area*)┐

#### Notes:

1 END, ILLOGIC, INVREQ, NOTAUTH

### FEPI INQUIRE NODE

▶▶—FEPI INQUIRE—NODE(*data-value*)—┌ACQNUM(*data-area*)┐ ┌ACQSTATUS(*cvda*)┐

┌INSTLSTATUS(*cvda*)┐ ┌LASTACQCODE(*data-area*)┐ ┌SERVSTATUS(*cvda*)┐

┌USERDATA(*data-area*)┐

#### Notes:

1 END, ILLOGIC, INVREQ, NOTAUTH

### FEPI INQUIRE POOL

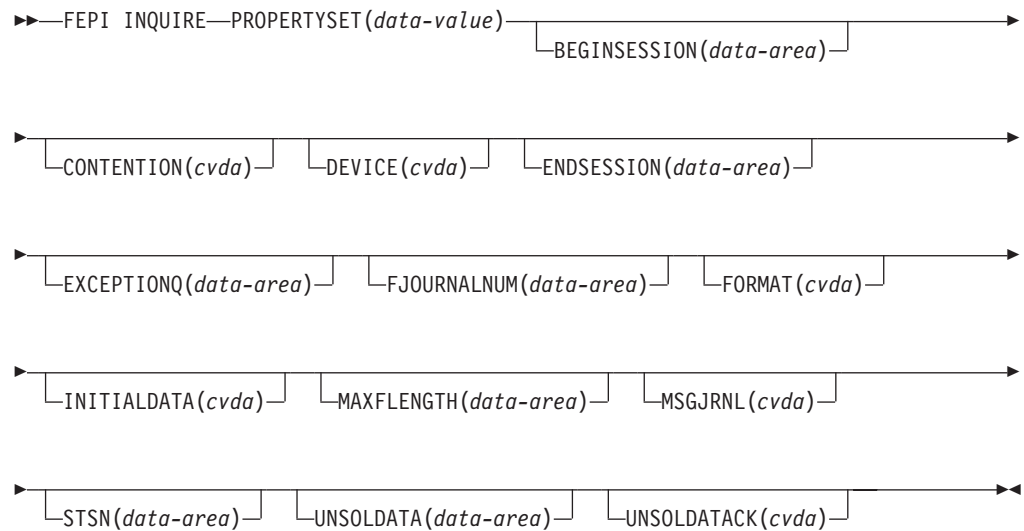
▶▶—FEPI INQUIRE—POOL(*data-value*)—┌BEGINSESSION(*data-area*)┐



**Notes:**

- 1 END, ILLOGIC, INVREQ, NOTAUTH

**FEPI INQUIRE PROPERTYSET**



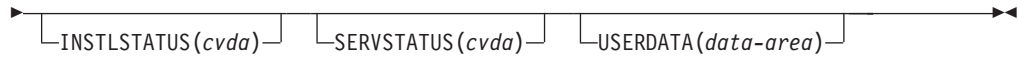
**Notes:**

- 1 END, ILLOGIC, INVREQ, NOTAUTH

**FEPI INQUIRE TARGET**



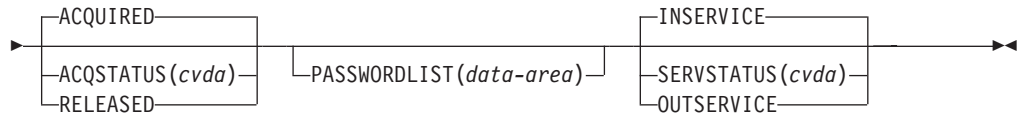
## FEPI programming



### Notes:

- 1 END, ILLOGIC, INVREQ, NOTAUTH

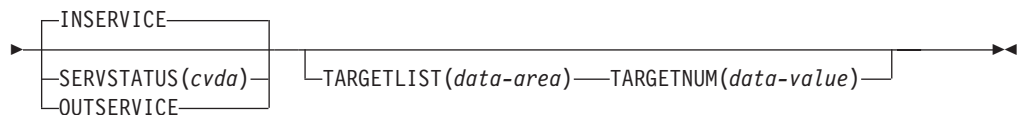
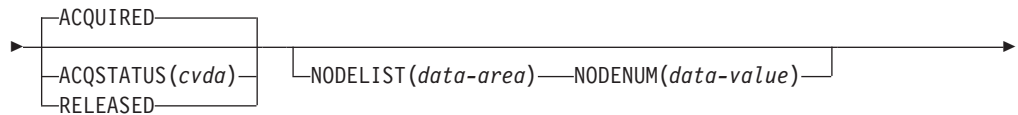
### FEPI INSTALL NODELIST



### Notes:

- 1 INVREQ, NOTAUTH

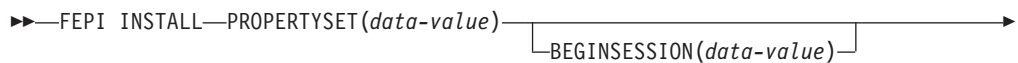
### FEPI INSTALL POOL



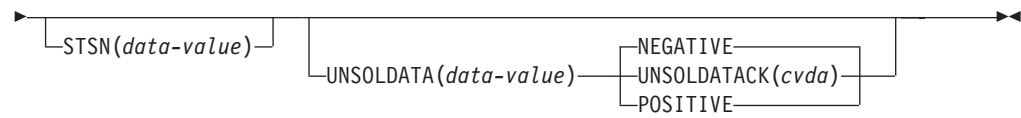
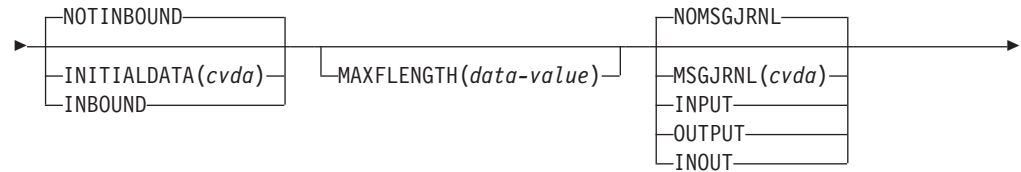
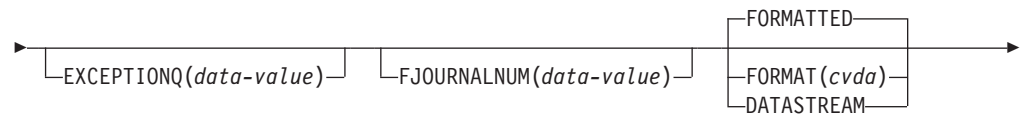
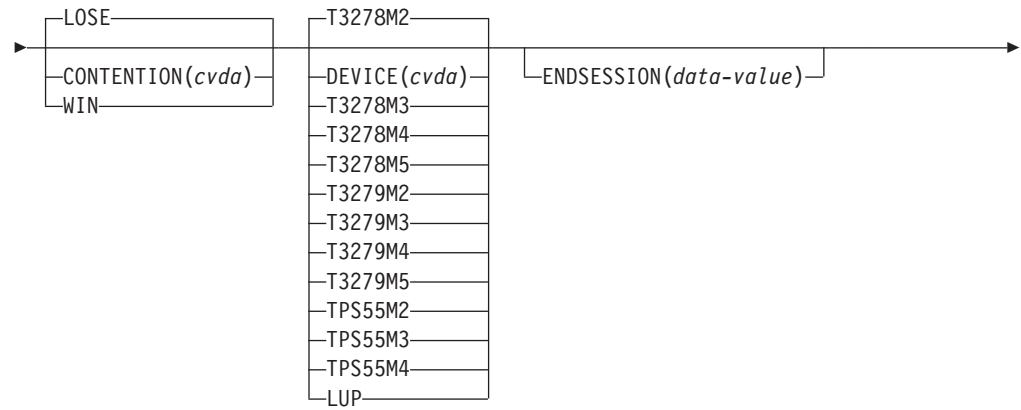
### Notes:

- 1 INVREQ, NOTAUTH

### FEPI INSTALL PROPERTYSET



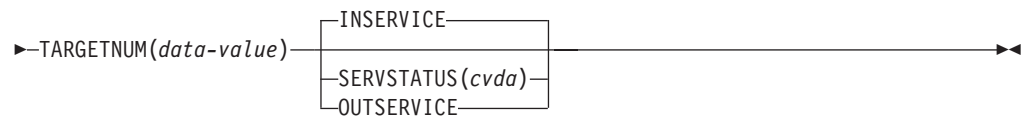




**Notes:**

- 1 INVREQ, NOTAUTH

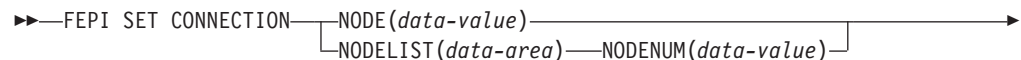
**FEPI INSTALL TARGETLIST**



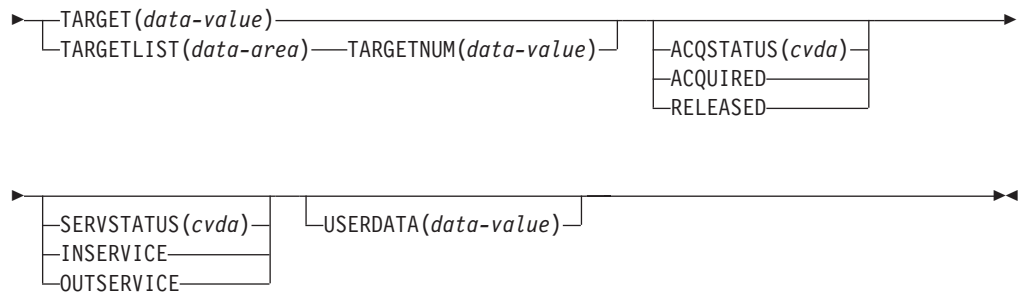
**Notes:**

- 1 INVREQ, NOTAUTH

**FEPI SET CONNECTION**



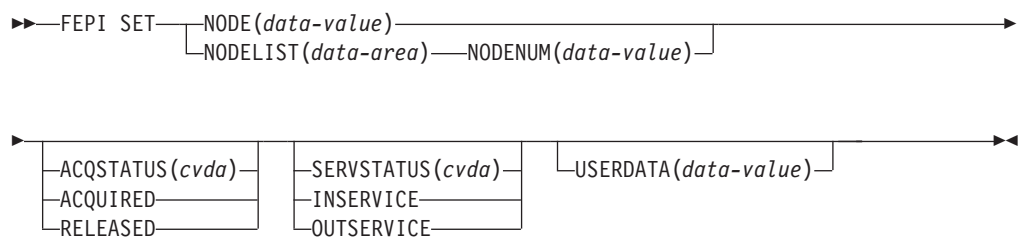
## FEPI programming



### Notes:

- 1 INVREQ, NOTAUTH

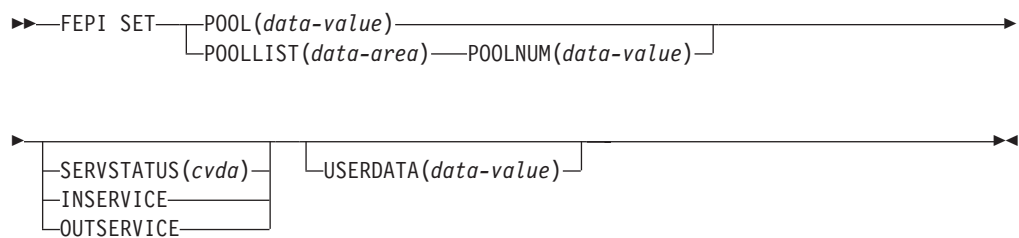
### FEPI SET NODE



### Notes:

- 1 INVREQ, NOTAUTH

### FEPI SET POOL

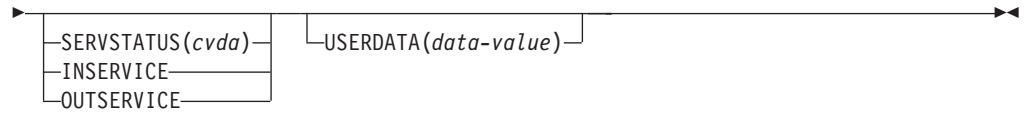


### Notes:

- 1 INVREQ, NOTAUTH

### FEPI SET TARGET





**Notes:**

- 1 INVREQ, NOTAUTH

**FEPI SP NOOP**



**Notes:**

- 1 INVREQ, NOTAUTH

## FEPI programming

---

## Chapter 7. CICS-value data areas used by all commands

This chapter contains General-use Programming Interface information.

This § lists the CICS-value data-area (CVDA) values and their numeric equivalents for all of the EXEC CICS commands. CVDA's are described in the *CICS System Programming Reference*.

### Using the tables

The § consists of three tables. The first, beginning below, is in character sequence of the CVDA values. The second, beginning on page 232, is in numeric sequence. The third, beginning on page 244, gives the CVDA values returned by the INQUIRE TERMINAL|NETNAME DEVICE command.

---

### CVDA's and numeric values in alphabetic sequence

CVDA	DecValue	HexValue
ABEND	900	384
ACQFAIL	515	203
ACQUIRED	69	45
ACQUIRING	71	48
ACTIVE	181	B5
ACTIVITY	1002	3EA
ADD	291	123
ADDABLE	41	29
ADDFAIL	519	207
ADVANCE	265	109
ALARM	501	1F5
ALLCONN	169	A9
ALLOCTD	81	51
ALLQUERY	431	1AF
ALTERABLE	52	34
ALTERNATE	197	C5
ALTPRTCOPY	446	1BE
AND	1005	3ED
ANY	158	9E
APLKYBD	391	187
APLTEXT	393	198
APPC	124	7C
APPCPARALLEL	374	176
APPCSINGLE	373	175
APPEND	1036	40C
APPLICATION	559	22F
ASACTL	224	E0
ASCII7	616	268
ASCII8	617	267
ASSEMBLER	150	96
ATI	75	4B
ATTENTION	524	20C
AUDALARM	395	18B

## CVDA

	CVDA	DecValue	HexValue
	AUTOACTIVE	630	276
	AUTOARCH	262	106
	AUTOAUTH	1095	447
	AUTOCONN	170	AA
	AUTOINACTIVE	631	277
	AUTOPAGEABLE	80	50
	AUTOREGISTER	1094	446
	AUTOSTART	618	26A
	AUXILIARY	247	F7
	AUXPAUSE	313	139
	AUXSTART	312	138
	AUXSTOP	314	13A
	AVAILABLE	95	5F
	BACKOUT	192	C0
	BACKTRANS	397	18D
	BACKUPNONBWO	800	320
	BASE	10	A
	BASEAPI	1052	41C
	BASESPACE	664	298
	BASICAUTH	1092	444
	BDAM	2	2
	BEGINSESSION	510	1FE
	BELOW	159	9F
	BGAM	63	3F
	BINARY	1038	40E
	BLK	47	2F
	BLOCKED	16	10
	BROWSABLE	39	27
	BSAM	61	3D
	BTAM	62	3E
	BUSY	612	264
	C	149	95
	CACHE	791	317
	CANCEL	526	20E
	CANCELLED	624	270
	CANCELLING	1025	401
	CD	491	1EB
	CEDF	370	172
	CERTIFICAUTH	1093	445
	CFTABLE	833	341
	CGROUP	902	386
	CICS	660	294
	CICSDATAKEY	379	17B
	CICSEXECKEY	381	17D
	CICSTABLE	101	65
	CKOPEN	1055	41F
	CLEAR	640	280
	CLIENTAUTH	1032	408
	CLOSED	19	13
	CLOSELEAVE	261	105
	CLOSEREQUEST	22	16
	CLOSING	21	15
	CMDPROT	673	2A1
	CMDSECNO	205	CD

CVDA	DecValue	HexValue
CMDSECYES	207	CF
COBOL	151	97
COBOLII	375	177
COLD	788	314
COLDACQ	72	48
COLDQUERY	433	1B1
COLDSTART	266	10A
COLOR	399	18F
COMMIT	208	D0
COMMITFAIL	792	318
COMPLETE	1026	402
COMPOSITE	1003'	3EB
CONFFREE	82	52
CONFRECEIVE	83	53
CONFSEND	84	54
CONNECT	903	387
CONNECTED	690	2B2
CONNECTING	904	388
CONNECTION	755	2F3
CONSISTENT	723	2D3
CONSOLE	66	42
CONTENTION	836	344
CONTROLSHUT	623	26F
CONVERSE	600	258
CONVIDLE	518	206
COORDINATOR	770	302
COPID	908	38C
COPY	401	191
CREATE	67	43
CSIGN	905	389
CTERM	906	38A
CTLGALL	632	278
CTLGMODIFY	633	279
CTLGNONE	634	27A
CTRLABLE	56	38
CTX	907	38B
CURRENT	260	104
CUSERID	909	38D
DAE	684	2AC
DATA	508	1FC
DATASET	756	2F4
DATASETFULL	793	319
DATASTREAM	543	21F
DEADLOCK	794	31A
DEBUG	1082	43A
DEC	46	2E
DEFAULT	198	C6
DEFRESP1	497	1F1
DEFRESP1OR2	528	210
DEFRESP2	498	1F2
DEFRESP3	499	1F3
DELAY	637	27D
DELETABLE	43	2B
DELETE	292	124

## CVDA

CVDA	DecValue	HexValue
DELETEFAIL	520	208
DELEXITERROR	795	31B
DEREGERROR	679	2A7
DEREGISTERED	678	2A6
DEST	235	EB
DISABLED	24	18
DISABLING	25	19
DISCARDFAIL	513	201
DISCONNING	910	38E
DISCREQ	444	1BC
DISK1	252	FC
DISK2	253	FD
DISK2PAUSE	254	FE
DISPATCHABLE	228	E4
DORMANT	1024	400
DPLSUBSET	383	17F
DS3270	615	267
DUALCASE	403	193
DUMMY	781	30D
DYNAMIC	178	B2
EB	490	1EA
EBCDIC	1039	40F
EMERGENCY	268	10C
EMPTY	210	D2
EMPTYREQ	31	1F
ENABLED	23	17
ENDAFFINITY	790	316
EQUAL	911	38F
ESDS	5	5
EVENT	334	14E
EVENTFAIL	1012	3F4
EXCEPT	332	14C
EXCEPTRESP	523	20B
EXCI	650	28A
EXCTL	48	30
EXECENQ	751	2EF
EXECENQADDR	752	2F0
EXIT	912	390
EXITTRACE	362	16A
EXPIRED	1017	3F9
EXTENDEDDES	405	195
EXTRA	221	DD
EXTSECURITY	194	C2
FAILED	782	30E
FAILEDBKOUT	357	165
FAILINGBKOUT	358	166
FCLOSE	273	111
FINALQUIESCE	183	B7
FINPUT	270	10E
FIRE	1001	3E9
FIRSTINIT	625	271
FIRSTQUIESCE	182	B6
FIXED	12	C
FLUSH	783	30F



CVDA	DecValue	HexValue
FMH	502	1F6
FMHPARM	385	181
FOPEN	272	110
FORCE	342	156
FORCECANCEL	655	28F
FORCECLOSE	351	15F
FORCECLOSING	353	161
FORCED	1013	3F5
FORCEPURGE	237	ED
FORMATEDF	606	25E
FORMATTED	542	21E
FORMFEED	407	197
FOUTPUT	271	10F
FREE	85	55
FREEING	94	5E
FULL	212	D4
FULLAPI	384	180
FULLAUTO	1073	431
FWDRECOVABLE	354	162
GENERIC	651	28B
GMT	604	25C
GOINGOUT	172	AC
GROUP	913	391
GTFSTART	317	13D
GTFSTOP	318	13E
HEURBACKOUT	758	2F6
HEURCOMMIT	757	2F5
HEX	45	2D
HFORM	409	199
HIGH	914	392
HILIGHT	413	19D
HOLD	163	A3
HTTPNO	1034	40A
HTTPYES	1033	409
IGNORE	1	1
IGNORERR	816	330
IMMCLOSE	350	15E
IMMCLOSING	352	160
IMMQUIESCED	706	2C2
INACTIVE	378	17A
INBOUND	547	223
INCOMPLETE	1014	3F6
INDEXRECFULL	796	31C
INDIRECT	122	7A
INDOUBT	620	26C
INFLIGHT	621	25D
INITCOMPLETE	628	274
INITIAL	789	315
INOUT	532	214
INPUT	226	E2
INSERVICE	73	49
INSTALLED	550	226
INSTALLFAIL	512	200
INTERNAL	1058	422

## CVDA

CVDA	DecValue	HexValue
INTRA	222	DE
INTSTART	310	136
INTSTOP	311	137
INVALID	359	167
IOERROR	797	31D
IRC	121	79
ISOLATE	658	292
JVM	1080	438
KATAKANA	415	19F
KEYED	8	8
KSDS	6	6
LCKSTRUCFULL	832'	340
LEAVE	811	32B
LE370	377	179
LIC	493	1ED
LIGHTPEN	417	1A1
LOAD	834	342
LOCAL	605	25D
LOCKING	837	345
LOG	54	36
LOGICAL	216	D8
LOGTERM	269	10D
LOSE	544	220
LOW	915	393
LPA	165	A5
LUP	541	21D
LUSTAT	525	20D
LU61	125	7D
MAIN	248	F8
MAP	155	9B
MAPSET	155	9B
MCHCTL	241	F1
MDT	506	1FA
MOD	813	32D
MODEL	370	172
MORE	492	1EC
MSRCONTROL	419	1A3
MVS	780	30C
NATIVE	1084	43C
NEGATIVE	530	212
NEWCOPY	167	A7
NEWSESSION	485	1E5
NOALARM	500	1F4
NOALTPRTCOPY	447	1BF
NOAPLKYBD	392	188
NOAPLTEXT	394	18A
NOAPPEND	1037	40D
NOATI	76	4C
NOAUDALARM	396	18C
NOAUTHENTIC	1091	443
NOAUTO	1071	42F
NOAUTOARCH	263	107
NOBACKTRANS	398	18E
NOCEDF	371	173

CVDA	DecValue	HexValue
NOCLEAR	641	281
NOCMDPROT	674	2A2
NOCOLOR	400	190
NOCONNECT	916	394
NOCONV	556	22C
NOCONVERSE	601	259
NOCOPY	402	192
NOCREATE	68	44
NOCTL	223	DF
NODAE	685	2AD
NODEDUG	1083	43B
NODISCREQ	445	1BD
NODUALCASE	404	194
NOEMPTYREQ	32	20
NOEVENT	335	14F
NOEXCEPT	333	14D
NOEXCTL	49	31
NOEXIT	917	395
NOEXITTRACE	363	16B
NOEXTENDEDDES	406	196
NOFMH	503	1F7
NOFMHPARM	386	182
NOFORCE	1054	41E
NOFORMATEDF	607	25F
NOFORMFEED	408	198
NOHFORM	410	19A
NOHILIGHT	414	19E
NOHOLD	164	A4
NOISOLATE	657	291
NOJVM	1081	439
NOKATAKANA	416	1A0
NOLIGHTPEN	418	1A2
NOLOAD	835	343
NOLOG	55	37
NOLOSTLOCKS	710	2C6
NOMDT	507	1FB
NOMSGJRNL	531	213
NOMSRCONTROL	420	1A4
NONAUTOCONN	171	AB
NONCICS	661	295
NONE	496	1F0
NOOBFORMAT	422	1A6
NOOBOPERID	388	184
NOOUTLINE	424	1A8
NOPARTITIONS	426	1AA
NOPERF	331	14B
NOPRESETSEC	243	F3
NOPRINTADAPT	428	1AC
NOPROGSYMBOL	430	1AE
NOPRTCOPY	449	1C1
NOQUERY	432	1B0
NORECOVDATA	700	2BC
NOREENTPROT	681	2A9
NORELEASE	918	396

## CVDA

CVDA	DecValue	HexValue
NORELREQ	443	1BB
NORETAINED	711	2C7
NORMAL	1016	3F8
NORMALBKOUT	356	164
NORMALRESP	522	20A
NOROLLBACK	919	397
NOSECURITY	196	C4
NOSHUTDOWN	289	121
NOSOSI	435	1B3
NOSPI	694	2B6
NOSSL	1031	407
NOSTSN	487	1E7
NOSWITCH	285	11D
NOSYNCPOINT	603	25B
NOSYSCONNECT	654	28E
NOSYSDUMP	185	B9
NOSYSLOG	784	310
NOTADDABLE	42	2A
NOTALTERABLE	53	35
NOTAPPLIC	1	1
NOTASKSTART	608	260
NOTBROWSABLE	40	28
NOTBUSY	613	265
NOTCDEB	495	1EF
NOTCONNECTED	691	2B3
NOTCTRLABLE	57	39
NOTDEFINED	659	293
NOTDELETABLE	44	2C
NOTDYNAMIC	1021	3FD
NOTEMPTY	211	D3
NOTERMINAL	214	D6
NOTEXTKYBD	437	1B5
NOTEXTPRINT	439	1B7
NOTFIRED	1000	3E8
NOTFWDRCVBLE	361	169
NOTINBOUND	546	222
NOTINIT	376	178
NOTINSTALLED	551	227
NOTKEYED	9	9
NOTLPA	166	A6
NOTPENDING	127	7F
NOTPURGEABLE	161	A1
NOTRANDUMP	187	BB
NOTREADABLE	36	24
NOTREADY	259	103
NOTRECOVABLE	30	1E
NOTREQUIRED	667	29B
NOTRLS	721	2D1
NOTROUTABLE	1022	3FE
NOTSOS	669	29D
NOTSUPPORTED	15	F
NOTSUSPENDED	1027	403
NOTTABLE	100	64
NOTTI	78	4E

CVDA	DecValue	HexValue
NOTUPDATABLE	38	26
NOTWAIT	920	398
NOUCTRAN	451	1C3
NOUSER	1011	3F3
NOVALIDATION	441	1B9
NOVFORM	412	19C
NOWAIT	341	155
NOWRITE	275	113
NOZCPTRACE	365	16D
NRS	774	306
N906	931	3A3
N906D	921	399
OBFORMAT	421	1A5
OBOPERID	387	183
OBTAINING	96	60
OFF	200	C8
OK	274	112
OLD	26	1A
OLDCOPY	162	A2
OLDSESSION	486	1E6
ON	201	C9
OPEN	18	12
OPENAPI	1053	41D
OPENERROR	798	31E
OPENING	20	14
OPENINPUT	256	100
OPENOUTPUT	257	101
OPID	933	3A5
OR	1006	3EE
OUTLINE	423	1A7
OUTPUT	227	E3
OUTSERVICE	74	4A
OWNER	753	2F1
PAGEABLE	79	4F
PARTITIONS	425	1A9
PARTITIONSET	156	9C
PATH	11	B
PENDBEGIN	558	22E
PENDDATA	560	230
PENDFREE	86	56
PENDING	126	7E
PENDPASS	565	235
PENDRECEIVE	87	57
PENDRELEASE	562	232
PENDSTART	561	231
PENDSTSN	557	22D
PENDUNSOL	564	234
PERF	330	14A
PHASEIN	168	A8
PHYSICAL	215	D7
PLI	152	98
PL1	152	98
POOL	922	39A
POSITIVE	529	211

## CVDA

CVDA	DecValue	HexValue
POST	636	27C
PRESETSEC	242	F2
PRIMARY	110	6E
PRINTADAPT	427	1AB
PRIVATE	174	AE
PROCESS	1010	3F2
PROGAUTO	1072	430
PROGRAM	154	9A
PROGSYMBOL	429	1AD
PROTECTED	504	1F8
PRTCOPY	448	1C0
PURGE	236	EC
PURGEABLE	160	A0
QR	1057	421
QUASIRENT	1050	41A
QUEUE	814	32E
QUIESCED	707	2C3
QUIESCING	708	2C4
READABLE	35	23
READBACK	209	D1
READONLY	275	113
READY	258	102
REBUILD	923	39B
RECEIVE	88	58
RECONNECT	924	39C
RECOVDATA	701	2BD
RECOVERABLE	29	1D
RECOVERED	277	115
RECOVERLOCKS	712	2C8
REENTPROT	680	2A8
REGERROR	677	2A5
REGISTERED	670	29E
REJECT	815	32F
RELATED	675	2A3
RELEASE	563	233
RELEASED	70	46
RELEASING	549	225
RELREQ	442	1BA
REMLOSTLOCKS	713	2C9
REMOTE	4	4
REMOVE	276	114
REMSESSION	740	2E4
REMTABLE	103	67
REPEATABLE	724	2D4
REQUIRED	666	29A
REREAD	812	32C
RESET	290	122
RESETLOCKS	714	2CA
RESSECINT	203	CB
RESSECNO	202	CA
RESSECYES	204	CC
RESYNC	702	2BE
RETAINED	715	2CB
RETRY	716	2CC

CVDA	DecValue	HexValue
REVERTED	264	108
REWIND	811	32B
RLS	720	2D0
RLSACTIVE	730	2DA
RLSGONE	799	31F
RLSINACTIVE	731	2DB
RLSSERVER	761	2F9
RMI	771	303
ROLLBACK	89	59
ROUTABLE	1023	3FF
ROUTE	638	27E
RRCOMMITFAIL	830	33E
RRDS	7	7
RRINDOUBT	831	33F
RRMS	1062	426
RTR	527	20F
RU	494	1EE
RUNNING	229	E5
SCS	614	266
SECONDDINIT	626	272
SEND	90	5A
SESSION	372	174
SESSIONFAIL	517	205
SESSIONLOST	516	204
SETFAIL	514	202
SHARE	27	1B
SHARED	173	AD
SHUNTED	762	2FA
SHUTDISABLED	645	285
SHUTDOWN	288	120
SHUTENABLED	644	284
SIGN	925	39D
SIGNEDOFF	245	F5
SIGNEDON	244	F4
SINGLEOFF	324	144
SINGLEON	323	143
SKIP	810	32A
SMF	255	FF
SOS	668	29C
SOSABOVE	683	2AB
SOSBELOW	682	2AA
SOSI	434	1B2
SPECIFIC	652	28C
SPECTRACE	177	B1
SPI	693	2B5
SPRSTRACE	175	AF
SQLCODE	926	39E
SSL	1030	406
STANDBY	629	275
STANTRACE	176	B0
START	635	27B
STARTED	609	261
STARTING	772	304
STARTUP	180	B4

## CVDA

CVDA	DecValue	HexValue
STATIC	179	B3
STOPPED	610	262
STSN	509	1FD
STSNSET	488	1E8
STSNTEST	489	1E9
SUBORDINATE	773	305
SUBSPACE	663	297
SURROGATE	371	173
SUSPENDED	231	E7
SWITCH	188	BC
SWITCHALL	287	11F
SWITCHING	225	E1
SWITCHNEXT	286	11E
SYNCFREE	91	5B
SYNCPOINT	602	25A
SYNCRECEIVE	92	5C
SYNSEND	93	5D
SYSCONNECT	653	28D
SYSDUMP	184	B8
SYSLOG	785	311
SYSTEM	643	283
SYSTEMOFF	320	140
SYSTEMON	319	13F
TAKEOVER	111	6F
TAPE1	250	FA
TAPE2	251	FB
TASK	233	E9
TASKSTART	611	263
TCAM	64	40
TCAMSNA	65	41
TCEXITALL	366	16E
TCEXITALLOFF	369	171
TCEXITNONE	368	170
TCEXITSYSTEM	367	16F
TDQ	767	2FF
TERM	234	EA
TERMINAL	213	D5
TEXTKYBD	436	1B4
TEXTPRINT	438	1B6
THIRDINIT	627	273
THREADSAFE	1051	41B
TIMEOUT	511	1FF
TIMER	1004	3EC
TPOOL	932	3A4
TPS55M3	553	229
TPS55M4	554	22A
TPS55M5	555	22B
TRANDUMP	186	BA
TRANIDONLY	452	1C4
TSQ	768	300
TTI	77	4D
TWAIT	927	39F
TX	929	3A1
TXID	928	3A0



CVDA	DecValue	HexValue
T3278M2	533	215
T3278M3	534	216
T3278M4	535	217
T3278M5	536	218
T3279M2	537	219
T3279M3	538	21A
T3279M4	539	21B
T3279M5	540	21C
UCTRAN	450	1C2
UKOPEN	1056	420
UNATTEMPTED	820	334
UNAVAILABLE	672	2A0
UNBLOCKED	17	11
UNCOMMITTED	722	2D2
UNCONNECTED	703	2BF
UNDEFINED	14	E
UNDETERMINED	355	163
UNENABLED	33	21
UNENABLING	34	22
UNEXPECTED	1015	3F7
UNEXPIRED	1018	3FA
UNPROTECTED	505	1F9
UNQUIESCED	709	2C5
UNREGISTERED	671	29F
UNSOLDATA	521	209
UOW	246	F6
UPDATABLE	37	25
USER	642	282
USERDATAKEY	380	17C
USEREXECKEY	382	17E
USERID	930	3A2
USEROFF	322	142
USERON	321	141
USERTABLE	102	66
VALID	360	168
VALIDATION	440	1B8
VARIABLE	13	D
VFORM	411	19B
VRRDS	732	2DC
VSAM	3	3
VTAM	60	3C
WAIT	340	154
WAITCOMMIT	763	2FB
WAITER	754	2F2
WAITFORGET	622	26E
WAITING	765	2FD
WAITRMI	766	2FE
WAITRRMS	1063	427
WARMSTART	267	10B
WIN	545	221
XCF	665	299
XM	123	7B
XNOTDONE	144	90
XOK	143	8F

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## CVDA

CVDA	DecValue	HexValue
ZCPTRACE	364	16C

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### CVDAs and numeric values in numeric sequence

DecValue	HexValue	CVDA
1	1	IGNORE
1	1	NOTAPPLIC
2	2	BDAM
3	3	VSAM
4	4	REMOTE
5	5	ESDS
6	6	KSDS
7	7	RRDS
8	8	KEYED
9	9	NOTKEYED
10	A	BASE
11	B	PATH
12	C	FIXED
13	D	VARIABLE
14	E	UNDEFINED
15	F	NOTSUPPORTED
16	10	BLOCKED
17	11	UNBLOCKED
18	12	OPEN
19	13	CLOSED
20	14	OPENING
21	15	CLOSING
22	16	CLOSEREQUEST
23	17	ENABLED
24	18	DISABLED
25	19	DISABLING
26	1A	OLD
27	1B	SHARE
29	1D	RECOVERABLE
30	1E	NOTRECOVABLE
31	1F	EMPTYREQ
32	20	NOEMPTYREQ
33	21	UNENABLED
34	22	UNENABLING
35	23	READABLE
36	24	NOTREADABLE
37	25	UPDATABLE
38	26	NOTUPDATABLE
39	27	BROWSABLE
40	28	NOTBROWSABLE
41	29	ADDABLE
42	2A	NOTADDABLE
43	2B	DELETABLE
44	2C	NOTDELETABLE
45	2D	HEX
46	2E	DEC
47	2F	BLK
48	30	EXCTL

DecValue	HexValue	CVDA
49	31	NOEXCTL
52	34	ALTERABLE
53	35	NOTALTERABLE
54	36	LOG
55	37	NOLOG
56	38	CTRLABLE
57	39	NOTCTRLABLE
60	3C	VTAM
61	3D	BSAM
62	3E	BTAM
63	3F	BGAM
64	40	TCAM
65	41	TCAMSNA
66	42	CONSOLE
67	43	CREATE
68	44	NOCREATE
69	45	ACQUIRED
70	46	RELEASED
71	47	ACQUIRING
72	48	COLDACQ
73	49	INSERVICE
74	4A	OUTSERVICE
75	4B	ATI
76	4C	NOATI
77	4D	TTI
78	4E	NOTTI
79	4F	PAGEABLE
80	50	AUTOPAGEABLE
81	51	ALLOCATED
82	52	CONFFREE
83	53	CONFRECEIVE
84	54	CONFSEND
85	55	FREE
86	56	PENDFREE
87	57	PENDRECEIVE
88	58	RECEIVE
89	59	ROLLBACK
90	5A	SEND
91	5B	SYNCFREE
92	5C	SYNCRECEIVE
93	5D	SYNCSEND
94	5E	FREEING
95	5F	AVAILABLE
96	60	OBTAINING
100	64	NOTTABLE
101	65	CICSTABLE
102	66	USERTABLE
103	67	REMTABLE
110	6E	PRIMARY
111	6F	TAKEOVER
121	79	IRC
122	7A	INDIRECT
123	7B	XM
124	7C	APPC

## CVDA

DecValue	HexValue	CVDA
125	7D	LU61
126	7E	PENDING
127	7F	NOTPENDING
143	8F	XOK
144	90	XNOTDONE
149	95	C
150	96	ASSEMBLER
151	97	COBOL
152	98	PLI
152	98	PL1
154	9A	PROGRAM
155	9B	MAP
156	9C	PARTITIONSET
158	9E	ANY
159	9F	BELOW
160	A0	PURGEABLE
161	A1	NOTPURGEABLE
162	A2	OLDCOPY
163	A3	HOLD
164	A4	NOHOLD
165	A5	LPA
166	A6	NOTLPA
167	A7	NEWCOPY
168	A8	PHASEIN
169	A9	ALLCONN
170	AA	AUTOCONN
171	AB	NONAUTOCONN
172	AC	GOINGOUT
173	AD	SHARED
174	AE	PRIVATE
175	AF	SPRSTRACE
176	B0	STANTRACE
177	B1	SPECTRACE
178	B2	DYNAMIC
179	B3	STATIC
180	B4	STARTUP
181	B5	ACTIVE
182	B6	FIRSTQUIESCE
183	B7	FINALQUIESCE
184	B8	SYSDUMP
185	B9	NOSYSDUMP
186	BA	TRANDUMP
187	BB	NOTRANDUMP
188	BC	SWITCH
192	C0	BACKOUT
194	C2	EXTSECURITY
196	C4	NOSECURITY
197	C5	ALTERNATE
198	C6	DEFAULT
200	C8	OFF
201	C9	ON
202	CA	RESSECNO
203	CB	RESSECINT
204	CC	RESSECYES

DecValue	HexValue	CVDA
205	CD	CMDSECNO
207	CF	CMDSECYES
208	D0	COMMIT
209	D1	READBACK
210	D2	EMPTY
211	D3	NOTEMPTY
212	D4	FULL
213	D5	TERMINAL
214	D6	NOTERMINAL
215	D7	PHYSICAL
216	D8	LOGICAL
221	DD	EXTRA
222	DE	INTRA
223	DF	NOCTL
224	E0	ASACTL
225	E1	SWITCHING
226	E2	INPUT
227	E3	OUTPUT
228	E4	DISPATCHABLE
229	E5	RUNNING
231	E7	SUSPENDED
233	E9	TASK
234	EA	TERM
235	EB	DEST
236	EC	PURGE
237	ED	FORCEPURGE
241	F1	MCHCTL
242	F2	PRESETSEC
243	F3	NOPRESETSEC
244	F4	SIGNEDON
245	F5	SIGNEDOFF
246	F6	UOW
247	F7	AUXILIARY
248	F8	MAIN
250	FA	TAPE1
251	FB	TAPE2
252	FC	DISK1
253	FD	DISK2
254	FE	DISK2PAUSE
255	FF	SMF
257	101	OPENOUTPUT
258	102	READY
259	103	NOTREADY
260	104	CURRENT
261	105	CLOSELEAVE
262	106	AUTOARCH
263	107	NOAUTOARCH
264	108	REVERTED
265	109	ADVANCE
266	10A	COLDSTART
267	10B	WARMSTART
268	10C	EMERGENCY
269	10D	LOGTERM
270	10E	FINPUT

## CVDA

DecValue	HexValue	CVDA
271	10F	FOUTPUT
272	110	FOPEN
273	111	FCLOSE
274	112	OK
275	113	NOWRITE
275	113	READONLY
276	114	REMOVE
277	115	RECOVERED
285	11D	NOSWITCH
286	11E	SWITCHNEXT
287	11F	SWITCHALL
288	120	SHUTDOWN
289	121	NOSHUTDOWN
290	122	RESET
291	123	ADD
292	124	DELETE
310	136	INTSTART
311	137	INTSTOP
312	138	AUXSTART
313	139	AUXPAUSE
314	13A	AUXSTOP
317	13D	GTFSTART
318	13E	GTFSTOP
319	13F	SYSTEMON
320	140	SYSTEMOFF
321	141	USERON
322	142	USEROFF
323	143	SINGLEON
324	144	SINGLEOFF
330	14A	PERF
331	14B	NOPERF
332	14C	EXCEPT
333	14D	NOEXCEPT
334	14E	EVENT
335	14F	NOEVENT
340	154	WAIT
341	155	NOWAIT
342	156	FORCE
350	15E	IMMCLOSE
351	15F	FORCECLOSE
352	160	IMMCLOSING
353	161	FORCECLOSING
354	162	FWDRECOVABLE
355	163	UNDETERMINED
356	164	NORMALBKOUT
357	165	FAILED BKOUT
358	166	FAILING BKOUT
359	167	INVALID
360	168	VALID
361	169	NOTFWDRCVBLE
362	16A	EXITTRACE
363	16B	NOEXITTRACE
364	16C	ZCPTRACE
365	16D	NOZCPTRACE

DecValue	HexValue	CVDA
366	16E	TCEXITALL
367	16F	TCEXITSYSTEM
368	170	TCEXITNONE
369	171	TCEXITALLOFF
370	172	CEDF
370	172	MODEL
371	173	NOCEDF
371	173	SURROGATE
372	174	SESSION
373	175	APPCSINGLE
374	176	APPCPARALLEL
375	177	COBOLII
376	178	NOTINIT
377	179	LE370
378	17A	INACTIVE
379	17B	CICSDATAKEY
380	17C	USERDATAKEY
381	17D	CICSEXECKEY
382	17E	USEREXECKEY
383	17F	DPLSUBSET
384	180	FULLAPI
385	181	FMHPARM
386	182	NOFMHPARM
387	183	OBOPERID
388	184	NOOBOPERID
391	187	APLKYBD
392	188	NOAPLKYBD
393	189	APLTEXT
394	18A	NOAPLTEXT
395	18B	AUDALARM
396	18C	NOAUDALARM
397	18D	BACKTRANS
398	18E	NOBACKTRANS
399	18F	COLOR
400	190	NOCOLOR
401	191	COPY
402	192	NOCOPY
403	193	DUALCASE
404	194	NODUALCASE
405	195	EXTENDEDDES
406	196	NOEXTENDEDDES
407	197	FORMFEED
408	198	NOFORMFEED
409	199	HFORM
410	19A	NOHFORM
411	19B	VFORM
412	19C	NOVFORM
413	19D	HILIGHT
414	19E	NOHILIGHT
415	19F	KATAKANA
416	1A0	NOKATAKANA
417	1A1	LIGHTPEN
418	1A2	NOLIGHTPEN
419	1A3	MSRCONTROL

## CVDA

DecValue	HexValue	CVDA
420	1A4	NOMSRCONTROL
421	1A5	OBFORMAT
422	1A6	NOOBFORMAT
423	1A7	OUTLINE
424	1A8	NOOUTLINE
425	1A9	PARTITIONS
426	1AA	NOPARTITIONS
427	1AB	PRINTADAPT
428	1AC	NOPRINTADAPT
429	1AD	PROGSYMBOL
430	1AE	NOPROGSYMBOL
431	1AF	ALLQUERY
432	1B0	NOQUERY
433	1B1	COLDQUERY
434	1B2	SOSI
435	1B3	NOSOSI
436	1B4	TEXTKYBD
437	1B5	NOTEXTKYBD
438	1B6	TEXTPRINT
439	1B7	NOTEXTPRINT
440	1B8	VALIDATION
441	1B9	NOVALIDATION
442	1BA	RELREQ
443	1BB	NORELREQ
444	1BC	DISCREQ
445	1BD	NODISCREQ
446	1BE	ALTPRTCOPY
447	1BF	NOALTPRTCOPY
448	1C0	PRTCOPY
449	1C1	NOPRTCOPY
450	1C2	UCTRAN
451	1C3	NOUCTRAN
452	1C4	TRANIDONLY
485	1E5	NEWSESSION
486	1E6	OLDSESSION
487	1E7	NOSTSN
488	1E8	STSNSET
489	1E9	STSNTEST
490	1EA	EB
491	1EB	CD
492	1EC	MORE
493	1ED	LIC
494	1EE	RU
495	1EF	NOTCDEB
496	1F0	NONE
497	1F1	DEFRESP1
498	1F2	DEFRESP2
499	1F3	DEFRESP3
500	1F4	NOALARM
501	1F5	ALARM
502	1F6	FMH
503	1F7	NOFMH
504	1F8	PROTECTED
505	1F9	UNPROTECTED



DecValue	HexValue	CVDA
506	1FA	MDT
507	1FB	NOMDT
508	1FC	DATA
509	1FD	STSN
510	1FE	BEGINSESSION
511	1FF	TIMEOUT
512	200	INSTALLFAIL
513	201	DISCARDFAIL
514	202	SETFAIL
515	203	ACQFAIL
516	204	SESSIONLOST
517	205	SESSIONFAIL
518	206	CONVIDLE
519	207	ADDFAIL
520	208	DELETEFAIL
521	209	UNSOLDATA
522	20A	NORMALRESP
523	20B	EXCEPTRESP
524	20C	ATTENTION
525	20D	LUSTAT
526	20E	CANCEL
527	20F	RTR
528	210	DEFRESP1OR2
529	211	POSITIVE
530	212	NEGATIVE
531	213	NOMSGJRNL
532	214	INOUT
533	215	T3278M2
534	216	T3278M3
535	217	T3278M4
536	218	T3278M5
537	219	T3279M2
538	21A	T3279M3
539	21B	T3279M4
540	21C	T3279M5
541	21D	LUP
542	21E	FORMATTED
543	21F	DATASTREAM
544	220	LOSE
545	221	WIN
546	222	NOTINBOUND
547	223	INBOUND
549	225	RELEASING
550	226	INSTALLED
551	227	NOTINSTALLED
552	228	TPS55M2
553	229	TPS55M3
554	22A	TPS55M4
555	22B	TPS55M5
556	22C	NOCONV
557	22D	PENDSTSN
558	22E	PENDBEGIN
559	22F	APPLICATION
560	230	PENDDATA

## CVDA

DecValue	HexValue	CVDA
561	231	PENDSTART
562	232	PENDRELEASE
563	233	RELEASE
564	234	PENDUNSOL
565	235	PENDPASS
600	258	CONVERSE
601	259	NOCONVERSE
602	25A	SYNCPOINT
603	25B	NOSYNCPOINT
604	25C	GMT
605	25D	LOCAL
606	25E	FORMATEDF
607	25F	NOFORMATEDF
608	260	NOTASKSTART
609	261	STARTED
610	262	STOPPED
611	263	TASKSTART
612	264	BUSY
613	265	NOTBUSY
614	266	SCS
615	267	DS3270
616	268	ASCII7
617	269	ASCII8
618	26A	AUTOSTART
620	26C	INDOUBT
621	26D	INFLIGHT
622	26E	WAITFORGET
623	26F	CONTROLSHUT
624	270	CANCELLED
625	271	FIRSTINIT
626	272	SECONDINIT
627	273	THIRDINIT
628	274	INITCOMPLETE
629	275	STANDBY
630	276	AUTOACTIVE
631	277	AUTOINACTIVE
632	278	CTLGALL
633	279	CTLGMODIFY
634	27A	CTLGNONE
635	27B	START
636	27C	POST
637	27D	DELAY
638	27E	ROUTE
640	280	CLEAR
641	281	NOCLEAR
642	282	USER
643	283	SYSTEM
644	284	SHUTENABLED
645	285	SHUTDISABLED
650	28A	EXCI
651	28B	GENERIC
652	28C	SPECIFIC
653	28D	SYSCONNECT
654	28E	NOSYSCONNECT

DecValue	HexValue	CVDA
655	28F	FORCECANCEL
657	291	NOISOLATE
658	292	ISOLATE
659	293	NOTDEFINED
660	294	CICS
661	295	NONCICS
663	297	SUBSPACE
664	298	BASESPACE
665	299	XCF
666	29A	REQUIRED
667	29B	NOTREQUIRED
668	29C	SOS
669	29D	NOTSOS
670	29E	REGISTERED
671	29F	UNREGISTERED
672	2A0	UNAVAILABLE
673	2A1	CMDPROT
674	2A2	NOCMDPROT
675	2A3	RELATED
677	2A5	REGERROR
678	2A6	DEREGISTERED
679	2A7	DEREGERROR
680	2A8	REENTPROT
681	2A9	NOREENTPROT
682	2AA	SOSBELOW
683	2AB	SOSABOVE
684	2AC	DAE
685	2AD	NODAE
690	2B2	CONNECTED
691	2B3	NOTCONNECTED
693	2B5	SPI
694	2B6	NOSPI
700	2BC	NORECOVDATA
701	2BD	RECOVDATA
702	2BE	RESYNC
703	2BF	UNCONNECTED
706	2C2	IMMQUIESCED
707	2C3	QUIESCED
708	2C4	QUIESCING
709	2C5	UNQUIESCED
710	2C6	NOLOSTLOCKS
711	2C7	NORETAINED
712	2C8	RECOVERLOCKS
713	2C9	REMLOSTLOCKS
714	2CA	RESETLOCKS
715	2CB	RETAINED
716	2CC	RETRY
720	2D0	RLS
721	2D1	NOTRLS
722	2D2	UNCOMMITTED
723	2D3	CONSISTENT
724	2D4	REPEATABLE
730	2DA	RLSACTIVE
731	2DB	RLSINACTIVE

## CVDA

DecValue	HexValue	CVDA
732	2DC	VRRDS
740	2E4	REMSSESSION
751	2EF	EXECENQ
752	2F0	EXECENQADDR
753	2F1	OWNER
754	2F2	WAITER
755	2F3	CONNECTION
756	2F4	DATASET
757	2F5	HEURCOMMIT
758	2F6	HEURBACKOUT
761	2F9	RLSSERVER
762	2FA	SHUNTED
763	2FB	WAITCOMMIT
765	2FD	WAITING
766	2FE	WAITRMI
767	2FF	TDQ
768	300	TSQ
770	302	COORDINATOR
771	303	RMI
772	304	STARTING
773	305	SUBORDINATE
774	306	NRS
780	30C	MVS
781	30D	DUMMY
782	30E	FAILED
783	30F	FLUSH
784	310	NOSYSLOG
785	311	SYSLOG
788	314	COLD
789	315	INITIAL
790	316	ENDAFFINITY
791	317	CACHE
792	318	COMMITFAIL
793	319	DATASETFULL
794	31A	DEADLOCK
795	31B	DELEXITERROR
796	31C	INDEXRECFULL
797	31D	IOERROR
798	31E	OPENERERROR
799	31F	RLSGONE
800	320	BACKUPNONBWO
810	32A	SKIP
811	32B	REWIND
811	32B	LEAVE
812	32C	REREAD
813	32D	MOD
814	32E	QUEUE
815	32F	REJECT
816	330	IGNORERR
820	334	UNATTEMPTED
830	33E	RRCOMMITFAIL
831	33F	RRINDOUBT
832	340	LCKSTRUCFULL
833	341	CFTABLE

DecValue	HexValue	CVDA
834	342	LOAD
835	343	NOLOAD
836	344	CONTENTION
837	345	LOCKING
900	384	ABEND
902	386	CGROUP
903	387	CONNECT
904	388	CONNECTING
905	389	CSIGN
906	38A	CTERM
907	38B	CTX
908	38C	COPID
909	38D	CUSERID
910	38E	DISCONNING
911	38F	EQUAL
912	390	EXIT
913	391	GROUP
914	392	HIGH
915	393	LOW
916	394	NOCONNECT
917	395	NOEXIT
918	396	NORELEASE
919	397	NOROLLBACK
920	398	NOTWAIT
921	399	N906D
922	39A	POOL
923	39B	REBUILD
924	39C	RECONNECT
925	39D	SIGN
926	39E	SQLCODE
927	39F	TWAIT
928	3A0	TXID
929	3A1	TX
930	3A2	USERID
931	3A3	N906
932	3A4	TPOOL
933	3A5	OPID
1000	3E8	NOTFIRED
1001	3E9	FIRED
1002	3EA	ACTIVITY
1003	3EB	COMPOSITE
1004	3EC	TIMER
1005	3ED	AND
1006	3EE	OR
1010	3F2	PROCESS
1011	3F3	NOUSER
1012	3F4	EVENTFAIL
1013	3F5	FORCED
1014	3F6	INCOMPLETE
1015	3F7	UNEXPECTED
1016	3F8	NORMAL
1017	3F9	EXPIRED
1018	3FA	UNEXPIRED
1021	3FD	NOTDYNAMIC

## CVDA

	DecValue	HexValue	CVDA
	1022	3FE	NOTROUTABLE
	1023	3FF	ROUTABLE
	1024	400	DORMANT
	1025	401	CANCELLING
	1026	402	COMPLETE
	1027	403	NOTSUSPENDED
	1030	406	SSL
	1031	407	NOSSL
	1032	408	CLIENTAUTH
	1033	409	HTTPYES
	1034	40A	HTTPNO
	1036	40C	APPEND
	1037	40D	NOAPPEND
	1038	40E	BINARY
	1039	40F	EBCDIC
	1050	41A	QUASIRENT
	1051	41B	THREADSAFE
	1052	41C	BASEAPI
	1053	41D	OPENAPI
	1054	41E	NOFORCE
	1055	41F	CKOPEN
	1056	420	UKOPEN
	1057	421	QR
	1058	422	INTERNAL
	10623	426	RRMS
	1063	427	WAITRRMS
	1071	42F	NOAUTO
	1072	430	PROGAUTO
	1073	431	FULLAUTO
	1080	438	JVM
	1081	439	NOJVM
	1082	43A	DEBUG
	1083	43B	NODEBUG
	1084	43C	NATIVE
	1091	443	NOAUTHENTIC
	1092	444	BASICAUTH
	1093	445	CERTIFICAUTH
	1094	446	AUTOREGISTER
	1095	447	AUTOAUTH

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## CVDAs returned by the INQ NETNAME|TERMINAL DEVICE command

In alphabetic sequence	CVDA	DecValue	HexValue
BATCHLU		191	BF
BIPROG		160	A0
BISYNCH		128	80
CDRDLPRT		24	18
CONTNLU		189	BD
HARDCOPY		32	20
INTACTLU		190	BE
ISCMCONV		209	D1
LUCMODGRP		210	D2
LUCSESS		211	D3

In alphabetic sequence	CVDA	DecValue	HexValue
LUTYPE4		193	C1
LUTYPE6		192	C0
MAGTAPE		20	14
RESSYS		208	D0
SDLC		176	B0
SEQDISK		18	12
SYSTEM3		161	A1
SYSTEM7		2	2
SYS370		164	A4
SYS7BSCA		166	A6
TCONSOLE		8	8
TELETYPE		34	22
TTCAM		80	50
TWX3335		33	21
T1050		36	24
T1053		74	4A
T2260L		65	41
T2260R		72	48
T2265		76	4C
T2740		40	28
T2741BCD		43	2B
T2741COR		42	2A
T2770		130	82
T2780		132	84
T2980		134	86
T3275R		146	92
T3277L		153	99
T3277R		145	91
T3284L		155	9B
T3284R		147	93
T3286L		156	9C
T3286R		148	94
T3600BI		138	8A
T3601		177	B1
T3614		178	B2
T3650ATT		186	BA
T3650PIPE		184	B8
T3650USER		187	BB
T3653HOST		185	B9
T3735		136	88
T3740		137	89
T3780		133	85
T3790		180	B4
T3790SCSP		182	B6
T3790UP		181	B5
T7770		1	1
VIDEOTERM		64	40

In numerical sequence	HexValue	CVDA
1	1	T7770
2	2	SYSTEM7
8	8	TCONSOLE

## CVDA

In numerical sequence	HexValue DecValue	CVDA
18	12	SEQDISK
20	14	MAGTAPE
24	18	CDRDLPRT
32	20	HARDCOPY
33	21	TWX3335
34	22	TELETYPE
36	24	T1050
40	28	T2740
42	2A	T2741COR
43	2B	T2741BCD
64	40	VIDEOTERM
65	41	T2260L
72	48	T2260R
74	4A	T1053
76	4C	T2265
80	50	TTCAM
128	80	BISYNCH
130	82	T2770
132	84	T2780
133	85	T3780
134	86	T2980
136	88	T3735
137	89	T3740
138	8A	T3600BI
145	91	T3277R
146	92	T3275R
147	93	T3284R
148	94	T3286R
153	99	T3277L
155	9A	T3284L
156	9B	T3286L
160	A0	BIPROG
161	A1	SYSTEM3
164	A4	SYS370
166	A6	SYS7BSCA
176	B0	SDLC
177	B1	T3601
178	B2	T3614
180	B4	T3790
181	B5	T3790UP
182	B6	T3790SCSP
184	B8	T3650PIPE
185	B9	T3653HOST
186	BA	T3650ATT
187	BB	T3650USER
189	BD	CONTNLU
190	BE	INTACTLU
191	BF	BATCHLU
192	C0	LUTYPE6
193	C1	LUTYPE4
208	D0	RESSYS
209	D1	ISCMCONV
210	D2	LUCMODGRP



In	HexValue	CVDA
numerical		
sequenceDecValue		
211	D3	LUCSESS

**CVDA**

## Chapter 8. EXEC interface block (EIB)

This chapter contains General-use Programming Interface information.

### EIB field names and descriptions

EIB field	COBOL	C/370	PL/I	ASM
EIBAID	PIC X(1)	char eibaid[1]	CHAR(1)	CL1
EIBATT	PIC X(1)	char eibatt[1]	CHAR(1)	CL1
EIBCALEN	PIC S9(4) COMP	short int eibcalen	FIXED BIN(15)	H
EIBCOMPL	PIC X(1)	char eibcompl[1]	CHAR(1)	CL1
EIBCONF	PIC X(1)	char eibconf[1]	CHAR(1)	CL1
EIBCPOSN	PIC S9(4) COMP	short int eibcposn	FIXED BIN(15)	H
EIBDATE	PIC S9(7) COMP-3	char eibdate[4]	FIXED DEC(7,0)	PL4
EIBDS	PIC X(8)	char eibds[8]	CHAR(8)	CL8
EIBEOC	PIC X(1)	char eibeoc[1]	CHAR(1)	CL1
EIBERR	PIC X(1)	char eiberr[1]	CHAR(1)	CL1
EIBERRCD	PIC X(4)	char eiberrcd[4]	CHAR(4)	CL4
EIBFMH	PIC X(1)	char eibfmh[1]	CHAR(1)	CL1
EIBFN	PIC X(2)	char eibfn[2]	CHAR(2)	CL2
EIBFREE	PIC X(1)	char eibfree[1]	CHAR(1)	CL1
EIBNODAT	PIC X(1)	char eibnodat[1]	CHAR(1)	CL1
EIBRCODE	PIC X(6)	char eibrcode[6]	CHAR(6)	CL6
EIBRECV	PIC X(1)	char eibrecv[1]	CHAR(1)	CL1
EIBREQID	PIC X(8)	char eibreqid[8]	CHAR(8)	CL8
EIBRESP	PIC S9(8) COMP	long int eibresp	FIXED BIN(31)	F
EIBRESP2	PIC S9(8) COMP	long int eibresp2	FIXED BIN(31)	F
EIBRLDBK	PIC X(1)	char eibrldbkb[1]	CHAR(1)	CL1
EIBRSRCE	PIC X(8)	char eibrsrce[8]	CHAR(8)	CL8
EIBSIG	PIC X(1)	char eibsig[1]	CHAR(1)	CL1
EIBSYNC	PIC X(1)	char eibsync[1]	CHAR(1)	CL1
EIBSYNRB	PIC X(1)	char eibsynrb[1]	CHAR(1)	CL1
EIBTASKN	PIC S9(7) COMP-3	char eibtaskn[4]	FIXED DEC(7,0)	PL4
EIBTIME	PIC S9(7) COMP-3	char eibtime[4]	FIXED DEC(7,0)	PL4
EIBTRMID	PIC X(4)	char eibtrmid[4]	CHAR(4)	CL4
EIBTRNID	PIC X(4)	char eibtrnid[4]	CHAR(4)	CL4

### EIBFN codes

**Note:** In the column **Type**, API indicates that the command is described in the *CICS Application Programming Reference*, and SPI indicates that it is described in the *CICS System Programming Reference* manual. SPI does **not** indicate that the special (SP) translator option is required for this command. FEPI indicates commands used by the CICS/ESA Front End Programming Interface. They are described in the *CICS Front End Programming Interface User's Guide*.

# EIB

EIBFN value	Command	Type
X'0202'	ADDRESS	API
X'0204'	HANDLE CONDITION	API
X'0206'	HANDLE AID	API
X'0208'	ASSIGN	API
X'020A'	IGNORE CONDITION	API
X'020C'	PUSH	API
X'020E'	POP	API
X'0210'	ADDRESS SET	API
X'0402'	RECEIVE	API
X'0404'	SEND	API
X'0406'	CONVERSE	API
X'0408'	ISSUE EODS	API
X'040A'	ISSUE COPY	API
X'040C'	WAIT TERMINAL	API
X'040E'	ISSUE LOAD	API
X'0410'	WAIT SIGNAL	API
X'0412'	ISSUE RESET	API
X'0414'	ISSUE DISCONNECT	API
X'0416'	ISSUE ENDOUTPUT	API
X'0418'	ISSUE ERASEAUP	API
X'041A'	ISSUE ENDFILE	API
X'041C'	ISSUE PRINT	API
X'041E'	ISSUE SIGNAL	API
X'0420'	ALLOCATE	API
X'0422'	FREE	API
X'0424'	POINT	API
X'0426'	BUILD ATTACH	API
X'0428'	EXTRACT ATTACH	API
X'042A'	EXTRACT TCT	API
X'042C'	WAIT CONVID	API
X'042E'	EXTRACT PROCESS	API
X'0430'	ISSUE ABEND	API
X'0432'	CONNECT PROCESS	API
X'0434'	ISSUE CONFIRMATION	API
X'0436'	ISSUE ERROR	API
X'0438'	ISSUE PREPARE	API
X'043A'	ISSUE PASS	API
X'043C'	EXTRACT LOGONMSG	API
X'043E'	EXTRACT ATTRIBUTES	API
X'0602'	READ	API
X'0604'	WRITE FILE	API
X'0606'	REWRITE	API
X'0608'	DELETE	API
X'060A'	UNLOCK	API
X'060C'	STARTBR	API
X'060E'	READNEXT	API
X'0610'	READPREV	API
X'0612'	ENDBR	API
X'0614'	RESETBR	API
X'0802'	WRITEQ TD	API
X'0804'	READQ TD	API
X'0806'	DELETEQ TD	API
X'0A02'	WRITEQ TS	API
X'0A04'	READQ TS	API

EIBFN value	Command	Type
X'0A06'	DELETEQ TS	API
X'0C02'	GETMAIN	API
X'0C04'	FREEMAIN	API
X'0E02'	LINK	API
X'0E04'	XCTL	API
X'0E06'	LOAD	API
X'0E08'	RETURN	API
X'0E0A'	RELEASE	API
X'0E0C'	ABEND	API
X'0E0E'	HANDLE ABEND	API
X'1002'	ASKTIME	API
X'1004'	DELAY	API
X'1006'	POST	API
X'1008'	START	API
X'100A'	RETRIEVE	API
X'100C'	CANCEL	API
X'1202'	WAIT EVENT	API
X'1204'	ENQ	API
X'1206'	DEQ	API
X'1208'	SUSPEND	API
X'1402'	WRITE JOURNALNUM	API
X'1404'	WAIT JOURNALNUM	API
X'1406'	WRITE JOURNALNAME	API
X'1408'	WAIT JOURNALNAME	API
X'1602'	SYNCPOINT	API
X'1604'	RESYNC ENTRYNAME	SPI
X'1802'	RECEIVE MAP	API
X'1804'	SEND MAP	API
X'1806'	SEND TEXT	API
X'1808'	SEND PAGE	API
X'180A'	PURGE MESSAGE	API
X'180C'	ROUTE	API
X'180E'	RECEIVE PARTN	API
X'1810'	SEND PARTNSET	API
X'1812'	SEND CONTROL	API
X'1C02'	DUMP	API
X'1E02'	ISSUE ADD	API
X'1E04'	ISSUE ERASE	API
X'1E06'	ISSUE REPLACE	API
X'1E08'	ISSUE ABORT	API
X'1E0A'	ISSUE QUERY	API
X'1E0C'	ISSUE END	API
X'1E0E'	ISSUE RECEIVE	API
X'1E10'	ISSUE NOTE	API
X'1E12'	ISSUE WAIT	API
X'1E14'	ISSUE SEND	API
X'2002'	BIF DEEDIT	API
X'2202'	ENABLE PROGRAM	SPI
X'2204'	DISABLE	API
X'2206'	EXTRACT EXIT	SPI
X'2402'	ALLOCATE	API
X'2404'	ASSIGN	API
X'2406'	EXTRACT PROCESS	API
X'2408'	FREE	API

## EIB

EIBFN value	Command	Type
X'240A'	ISSUE ABEND	API
X'240C'	CONNECT PROCESS	API
X'240E'	ISSUE CONFIRMATION	API
X'2410'	ISSUE ERROR	API
X'2412'	ISSUE SIGNAL	API
X'2414'	RECEIVE	API
X'2416'	SEND	API
X'2418'	WAIT	API
X'241A'	ISSUE PREPARE	API
X'241C'	EXTRACT ATTRIBUTES	API
X'3002'	CREATE PROGRAM	SPI
X'3004'	CREATE MAPSET	SPI
X'3006'	CREATE PARTITIONSET	SPI
X'3008'	CREATE TRANSACTION	SPI
X'300A'	CREATE PROFILE	SPI
X'300C'	CREATE TYPETERM	SPI
X'300E'	CREATE CONNECTION	SPI
X'3010'	CREATE TERMINAL	SPI
X'3012'	CREATE SESSIONS	SPI
X'3014'	CREATE FILE	SPI
X'3016'	CREATE LSRPOOL	SPI
X'3018'	CREATE PARTNER	SPI
X'301A'	CREATE TRANCLASS	SPI
X'301C'	CREATE TDQUEUE	SPI
X'301E'	CREATE JOURNALMODEL	SPI
X'3020'	CREATE DB2CONN	SPI
X'3022'	CREATE DB2ENTRY	SPI
X'3024'	CREATE DB2TRAN	SPI
X'3026'	CREATE PROCESSTYPE	SPI
X'3028'	CREATE TSMODEL	SPI
X'302A'	CREATE ENQMODEL	SPI
X'302C'	CREATE REQUESTMODEL	SPI
X'302E'	CREATE DOCTEMPLATE	SPI
X'3030'	CREATE TCPIPSERVICE	SPI
X'3A02'	INQ RRMS	SPI
X'4202'	INQUIRE AUTINSTMODEL	SPI
X'4210'	DISCARD AUTINSTMODEL	SPI
X'4402'	INQUIRE PARTNER	SPI
X'4410'	DISCARD PARTNER	SPI
X'4602'	INQUIRE PROFILE	SPI
X'4610'	DISCARD PROFILE	SPI
X'4802'	ENTER TRACENUM	API
X'4804'	MONITOR	API
X'4A02'	ASKTIME ABSTIME	API
X'4A04'	FORMATTIME	API
X'4C02'	INQUIRE FILE	SPI
X'4C04'	SET FILE	SPI
X'4C10'	DISCARD FILE	SPI
X'4E02'	INQUIRE PROGRAM	SPI
X'4E04'	SET PROGRAM	SPI
X'4E10'	DISCARD PROGRAM	SPI
X'5002'	INQUIRE TRANSACTION	SPI
X'5004'	SET TRANSACTION	SPI
X'5010'	DISCARD TRANSACTION	SPI

EIBFN value	Command	Type
X'5202'	INQUIRE TERMINAL	SPI
X'5204'	SET TERMINAL	SPI
X'5206'	INQUIRE NETNAME	SPI
X'5208'	SET NETNAME	SPI
X'5210'	DISCARD TERMINAL	SPI
X'5212'	INQUIRE TERMINAL	SPI
X'5214'	SET TERMINAL	SPI
X'5216'	INQUIRE NETNAME	SPI
X'5402'	INQUIRE SYSTEM	SPI
X'5404'	SET SYSTEM	SPI
X'5412'	INQ SYSTEM	SPI
X'5602'	SPOOLOPEN INPUT	API
X'5602'	SPOOLOPEN OUTPUT	API
X'5604'	SPOOLREAD	API
X'5606'	SPOOLWRITE	API
X'5610'	SPOOLCLOSE	API
X'5802'	INQUIRE CONNECTION	SPI
X'5804'	SET CONNECTION	SPI
X'5806'	PERFORM ENDAFFINITY	SPI
X'5810'	DISCARD CONNECTION	SPI
X'5A02'	INQUIRE MODENAME	SPI
X'5A04'	SET MODENAME	SPI
X'5C02'	INQUIRE TDQUEUE	SPI
X'5C04'	SET TDQUEUE	SPI
X'5C10'	DISCARD TDQUEUE	SPI
X'5E02'	INQUIRE TASK	SPI
X'5E04'	SET TASK	SPI
X'5E06'	CHANGE TASK	API
X'5E08'	INQUIRE STORAGE	SPI
X'5E12'	INQUIRE TCLASS	SPI
X'5E14'	SET TCLASS	SPI
X'5E18'	DISCARD TRANCLASS	SPI
X'5E1A'	INQUIRE TRANCLASS	SPI
X'5E1C'	SET TRANCLASS	SPI
X'5E22'	WAIT EXTERNAL	API
X'5E32'	WAITCICS	API
X'6002'	INQUIRE JOURNALNUM	SPI
X'6004'	SET JOURNALNUM	SPI
X'6010'	DISCARD JOURNALNAME	SPI
X'6012'	INQUIRE JOURNALNAME	SPI
X'6014'	SET JOURNALNAME	SPI
X'6202'	INQUIRE VOLUME	SPI
X'6204'	SET VOLUME	SPI
X'6402'	PERFORM SECURITY	SPI
X'6602'	INQUIRE DUMPDS	SPI
X'6604'	SET DUMPDS	SPI
X'6612'	INQUIRE TRANDUMPCODE	SPI
X'6614'	SET TRANDUMPCODE	SPI
X'6622'	INQUIRE SYSDUMPCODE	SPI
X'6624'	SET SYSDUMPCODE	SPI
X'6802'	INQUIRE VTAM	SPI
X'6804'	SET VTAM	SPI
X'6812'	INQUIRE AUTOINSTALL	SPI
X'6814'	SET AUTOINSTALL	SPI

# EIB

EIBFN value	Command	Type
X'6822'	INQUIRE DELETSHIPED	SPI
X'6824'	SET DELETSHIPED	SPI
X'6826'	PERFORM DELETSHIPED	SPI
X'6A02'	QUERY SECURITY	API
X'6C02'	WRITE OPERATOR	API
X'6C12'	CICSMESSAGE	API
X'6E02'	INQUIRE IRC	SPI
X'6E04'	SET IRC	SPI
X'7002'	INQUIRE STATISTICS	SPI
X'7004'	SET STATISTICS	SPI
X'7006'	PERFORM STATISTICS	SPI
X'7008'	COLLECT STATISTICS	SPI
X'7012'	INQUIRE MONITOR	SPI
X'7014'	SET MONITOR	SPI
X'7202'	PERFORM RESETTIME	SPI
X'7402'	SIGNON	API
X'7404'	SIGNOFF	API
X'7406'	VERIFY PASSWORD	API
X'7408'	CHANGE PASSWORD	API
X'7602'	PERFORM SHUTDOWN	SPI
X'7802'	INQUIRE TRACEDEST	SPI
X'7804'	SET TRACEDEST	SPI
X'7812'	INQUIRE TRACEFLAG	SPI
X'7814'	SET TRACEFLAG	SPI
X'7822'	INQUIRE TRACETYPE	SPI
X'7824'	SET TRACETYPE	SPI
X'7A02'	INQUIRE DSNAME	SPI
X'7A04'	SET DSNAME	SPI
X'7C02'	INQ EXCI	SPI
X'7E02'	DUMP TRANSACTION	API
X'7E04'	PERFORM DUMP	SPI
X'8002'	INQUIRE TSQUEUE	SPI
X'8004'	SET TSQUEUE	SPI
X'8012'	INQUIRE TSQNAME	SPI
X'8014'	SET TSQNAME	SPI
X'801A'	INQUIRE TSPool	SPI
X'8022'	INQUIRE TSMODEL	SPI
X'8030'	DISCARD TSMODEL	SPI
X'820E'	AP	FEPI
X'8210'	ALLOCATE POOL	FEPI
X'8210'	ALLOCATE PASSCONVID	FEPI
X'8212'	CONVERSE FORMATTED	FEPI
X'8214'	CONVERSE DATASTREAM	FEPI
X'8216'	EXTRACT CONV	FEPI
X'8218'	EXTRACT FIELD	FEPI
X'821A'	EXTRACT STSN	FEPI
X'821C'	FREE	FEPI
X'821E'	ISSUE	FEPI
X'8220'	RECEIVE FORMATTED	FEPI
X'8222'	RECEIVE DATASTREAM	FEPI
X'8224'	SEND FORMATTED	FEPI
X'8226'	SEND DATASTREAM	FEPI
X'8228'	START	FEPI
X'840E'	SP	FEPI



EIBFN value	Command	Type
X'8422'	INQUIRE PROPERTYSET	FEPI
X'8428'	INSTALL PROPERTYSET	FEPI
X'8430'	DISCARD PROPERTYSET	FEPI
X'8442'	INQUIRE NODE	FEPI
X'8444'	SET NODE	FEPI
X'8444'	SET NODELIST	FEPI
X'8448'	INSTALL NODELIST	FEPI
X'844A'	ADD POOL	FEPI
X'844C'	DELETE POOL	FEPI
X'8450'	DISCARD NODELIST	FEPI
X'8462'	INQUIRE POOL	FEPI
X'8464'	SET POOL	FEPI
X'8464'	SET POOLLIST	FEPI
X'8468'	INSTALL POOL	FEPI
X'8470'	DISCARD POOL	FEPI
X'8482'	INQUIRE TARGET	FEPI
X'8484'	SET TARGETLIST	FEPI
X'8484'	SET TARGET	FEPI
X'8488'	INSTALL TARGETLIST	FEPI
X'8490'	DISCARD TARGETLIST	FEPI
X'84A2'	INQUIRE CONNECTION	FEPI
X'84A4'	SET CONNECTION	FEPI
X'8602'	ACQUIRE	SPI
X'8802'	INQUIRE EXITPROGRAM	SPI
X'8A02'	INQUIRE REQID	SPI
X'8C02'	WRITE MESSAGE	API
X'9002'	INQUIRE UOW	SPI
X'9004'	SET UOW	SPI
X'9022'	INQUIRE UOWENQ	SPI
X'9042'	INQUIRE UOWLINK	SPI
X'9044'	SET UOWLINK	SPI
X'9062'	INQUIRE UOWDSNFAIL	SPI
X'9082'	INQUIRE ENQMODEL	SPI
X'9084'	SET ENQMODEL	SPI
X'9090'	DISCARD ENQMODEL	SPI
X'9202'	INQUIRE JOURNALMODEL	SPI
X'9210'	DISCARD JOURNALMODEL	SPI
X'9212'	INQUIRE STREAMNAME	SPI
X'9402'	INQUIRE DB2CONN	SPI
X'9404'	SET DB2CONN	SPI
X'9410'	DISCARD DB2CONN	SPI
X'9422'	INQUIRE DB2ENTRY	SPI
X'9424'	SET DB2ENTRY	SPI
X'9430'	DISCARD DB2ENTRY	SPI
X'9442'	INQUIRE DB2TRAN	SPI
X'9444'	SET DB2TRAN	SPI
X'9450'	DISCARD DB2TRAN	SPI
X'9602'	INQUIRE PROCESSTYPE	SPI
X'9604'	SET PROCESSTYPE	SPI
X'9610'	DISCARD PROCESSTYPE	SPI
X'9612'	INQUIRE ACTID	SPI
X'9614'	INQUIRE CONTAIN	SPI
X'9616'	INQUIRE EVENT	SPI
X'9618'	INQUIRE PROCESS	SPI

## EIB

EIBFN value	Command	Type
X'9620'	STARTBROWSE ACTIVITY	SPI
X'9622'	GETNEXT ACTIVITY	SPI
X'9624'	ENDBROWSE ACTIVITY	SPI
X'9626'	STARTBROWSE CONTAINER	SPI
X'9628'	GETNEXT CONTAINER	SPI
X'962A'	ENDBROWSE CONTAINER	SPI
X'962C'	STARTBROWSE EVENT	SPI
X'962E'	GETNEXT EVENT	SPI
X'9630'	ENDBROWSE EVENT	SPI
X'9632'	STARTBROWSE PROCESS	SPI
X'9634'	GETNEXT PROCESS	SPI
X'9636'	ENDBROWSE PROCESS	SPI
X'9638'	INQUIRE TIMER	SPI
X'963A'	STARTBROWSE TIMER	SPI
X'963C'	GETNEXT TIMER	SPI
X'963E'	ENDBROWSE TIMER	SPI
X'9802'	INQUIRE CFDTPOOL	SPI
X'9A02'	INQUIRE REQUESTMODEL	SPI
X'9A10'	DISCARD REQUESTMODEL	SPI
X'9C02'	INQUIRE TCPIP SERVICE	SPI
X'9C04'	SET TCPIP SERVICE	SPI
X'9C10'	DISCARD TCPIP SERVICE	SPI
X'9C12'	INQUIRE TCPIP	SPI
X'9C14'	SET TCPIP	SPI
X'9C22'	INQUIRE WEB	SPI
X'9C24'	SET WEB	SPI
X'9E02'	INQUIRE DOCTEMPLATE	SPI
X'9E10'	DISCARD DOCTEMPLATE	SPI

## EIBRCODE values

See the notes at the end of the list of values for explanations of the numbers following some of the conditions.

EIBFN	EIBRCODE	Condition
02 ..	E0 .. .. .	INVREQ
04 ..	04 .. .. .	EOF
04 ..	10 .. .. .	EODS
04 ..	C1 .. .. .	EOF
04 ..	C2 .. .. .	ENDINPT
04 ..	D0 .. .. .	SYSIDERR <sup>3</sup>
04 ..	D2 .. .. .	SESSIONERR <sup>4</sup>
04 ..	D3 .. .. .	SYSBUSY <sup>5</sup>
04 ..	D4 .. .. .	SESSBUSY
04 ..	D5 .. .. .	NOTALLOC
04 ..	E0 .. .. .	INVREQ <sup>6</sup>
04 ..	E1 .. .. .	LENGERR <sup>7</sup>
04 ..	E3 .. .. .	WRBRK
04 ..	E4 .. .. .	RDATT
04 ..	E5 .. .. .	SIGNAL
04 ..	E6 .. .. .	TERMIDERR
04 ..	E7 .. .. .	NOPASSBKRD

<b>EIBFN</b>	<b>EIBRCODE</b>	<b>Condition</b>
04 ..	E8 .. . . . . . . . .	NOPASSBKWR
04 ..	EA .. . . . . . . . .	IGREQCD
04 ..	EB .. . . . . . . . .	CBIDERR
04 ..	EC .. . . . . . . . .	PARTNERIDERR
04 ..	ED .. . . . . . . . .	NETNAMEIDERR
04 ..	F1 .. . . . . . . . .	TERMERR
04 ..	.. 20 .. . . . . . . . .	EOC
04 ..	.. 40 .. . . . . . . . .	INBFMH
04 ..	.. . . . . F6 .. . . . .	NOSTART
04 ..	.. . . . . F7 .. . . . .	NONVAL
06 ..	01 .. . . . . . . . .	FILENOTFOUND
06 ..	02 .. . . . . . . . .	ILLOGIC <sup>1</sup>
06 ..	03 .. . . . . . . . .	LOCKED
06 ..	05 .. . . . . . . . .	RECORDBUSY
06 ..	08 .. . . . . . . . .	INVREQ
06 ..	0C .. . . . . . . . .	NOTOPEN
06 ..	0D .. . . . . . . . .	DISABLED
06 ..	0F .. . . . . . . . .	ENDFILE
06 ..	80 .. . . . . . . . .	IOERR <sup>1</sup>
06 ..	81 .. . . . . . . . .	NOTFND
06 ..	82 .. . . . . . . . .	DUPREC
06 ..	83 .. . . . . . . . .	NOSPACE
06 ..	84 .. . . . . . . . .	DUPKEY
06 ..	85 .. . . . . . . . .	SUPPRESSED
06 ..	86 .. . . . . . . . .	LOADING
06 ..	D0 .. . . . . . . . .	SYSIDERR <sup>3</sup>
06 ..	D1 .. . . . . . . . .	ISCINVREQ
06 ..	D6 .. . . . . . . . .	NOTAUTH
06 ..	E1 .. . . . . . . . .	LENGERR
08 ..	01 .. . . . . . . . .	QZERO
08 ..	02 .. . . . . . . . .	QIDERR
08 ..	04 .. . . . . . . . .	IOERR
08 ..	08 .. . . . . . . . .	NOTOPEN
08 ..	10 .. . . . . . . . .	NOSPACE
08 ..	C0 .. . . . . . . . .	QBUSY
08 ..	D0 .. . . . . . . . .	SYSIDERR <sup>3</sup>
08 ..	D1 .. . . . . . . . .	ISCINVREQ
08 ..	D6 .. . . . . . . . .	NOTAUTH
08 ..	D7 .. . . . . . . . .	DISABLED
08 ..	E0 .. . . . . . . . .	INVREQ
08 ..	E1 .. . . . . . . . .	LENGERR
0A ..	01 .. . . . . . . . .	ITEMERR
0A ..	02 .. . . . . . . . .	QIDERR
0A ..	04 .. . . . . . . . .	IOERR
0A ..	08 .. . . . . . . . .	NOSPACE
0A ..	20 .. . . . . . . . .	INVREQ
0A ..	D0 .. . . . . . . . .	SYSIDERR <sup>3</sup>
0A ..	D1 .. . . . . . . . .	ISCINVREQ
0A ..	D6 .. . . . . . . . .	NOTAUTH
0A ..	E1 .. . . . . . . . .	LENGERR

# EIB

EIBFN	EIBRCODE	Condition
0C ..	E1 .. . . . .	LENGERR
0C ..	E2 .. . . . .	NOSTG
0E ..	01 .. . . . .	PGMIDERR
0E ..	D6 .. . . . .	NOTAUTH
0E ..	E0 .. . . . .	INVREQ
0E ..	E1 .. . . . .	LENGERR
0E ..	F1 .. . . . .	TERMERR

EIBFN	EIBRCODE	Condition
10 ..	01 .. . . . .	ENDDATA
10 ..	04 .. . . . .	IOERR
10 ..	11 .. . . . .	TRANSIDERR
10 ..	12 .. . . . .	TERMIDERR
10 ..	20 .. . . . .	EXPIRED
10 ..	81 .. . . . .	NOTFND
10 ..	D0 .. . . . .	SYSIDERR <sup>3</sup>
10 ..	D1 .. . . . .	ISCINVREQ
10 ..	D6 .. . . . .	NOTAUTH
10 ..	D8 .. . . . .	USERIDERR
10 ..	E1 .. . . . .	LENGERR
10 ..	E9 .. . . . .	ENVDEFERR
10 ..	FF .. . . . .	INVREQ
12 ..	32 .. . . . .	ENQBUSY
12 ..	E0 .. . . . .	INVREQ
12 ..	E1 .. . . . .	LENGERR
14 ..	01 .. . . . .	JIDERR
14 ..	02 .. . . . .	INVREQ
14 ..	05 .. . . . .	NOTOPEN
14 ..	06 .. . . . .	LENGERR
14 ..	07 .. . . . .	IOERR
14 ..	09 .. . . . .	NOJBUFSP
14 ..	D6 .. . . . .	NOTAUTH
16 ..	01 .. . . . .	ROLLEDBACK
18 ..	01 .. . . . .	INVREQ
18 ..	02 .. . . . .	RETPAGE
18 ..	04 .. . . . .	MAPFAIL
18 ..	08 .. . . . .	INVMPsz <sup>2</sup>
18 ..	20 .. . . . .	INVERRTERM
18 ..	40 .. . . . .	RTESOME
18 ..	80 .. . . . .	RTEFAIL
18 ..	E1 .. . . . .	LENGERR
18 ..	E3 .. . . . .	WRBRK
18 ..	E4 .. . . . .	RDATT
18 ..	.. 02 .. . . . .	PARTNFAIL
18 ..	.. 04 .. . . . .	INVPARTN
18 ..	.. 08 .. . . . .	INVPARTNSET
18 ..	.. 10 .. . . . .	INVLDC
18 ..	.. 20 .. . . . .	UNEXPIN

EIBFN	EIBRCODE	Condition
18 .. .. 40 .. .. .		IGREQCD
18 .. .. 80 .. .. .		TSIOERR
18 .. .. . 01 .. .. .		OVERFLOW
18 .. .. . 04 .. .. .		EODS
18 .. .. . 08 .. .. .		EOC
18 .. .. . 10 .. .. .		IGREQID
1A .. E0 .. .. .		INVREQ
1A .. 04 .. .. .		DSSTAT
1A .. 08 .. .. .		FUNCERR
1A .. 0C .. .. .		SELNERR
1A .. 10 .. .. .		UNEXPIN
1A .. E1 .. .. .		LENGERR
1A .. . 11 .. .. .		EODS
1A .. . 2B .. .. .		IGREQCD
1A .. . . 20 .. .. .		EOC
22 .. 80 .. .. .		INVEXITREQ
4A .. . . . 01 .. .		ERROR
56 .. . . . 0D .. .		NOTFND
56 .. . . . 10 .. .		INVREQ
56 .. . . . 13 .. .		NOTOPEN
56 .. . . . 14 .. .		ENDFILE
56 .. . . . 15 .. .		ILLOGIC
56 .. . . . 16 .. .		LENGERR
56 .. . . . 2A .. .		NOSTG
56 .. . . . 46 .. .		NOTAUTH
56 .. . . . 50 .. .		NOSPOOL
56 .. . . . 55 .. .		ALLOCERR
56 .. . . . 56 .. .		STRELERR
56 .. . . . 57 .. .		OPENERR
56 .. . . . 58 .. .		SPOLBUSY
56 .. . . . 59 .. .		SPOLERR
56 .. . . . 5A .. .		NODEIDERR
56 .. . . . 60 .. .		OUTDESCRERR

**Notes:**

- When ILLOGIC or IOERR occurs during file control operations, further information is provided in field EIBRCODE, as follows:

```

.. xx xx xx xx ..
    BDAM response
.. xx .. .. .
    VSAM return code
.. .. xx .. .. .
    VSAM error code
.. .. . xx .. .
    VSAM problem determination code
.. .. . . xx ..
    VSAM component code

```

*VSAM Administration: Macro Instruction Reference* manual for VSAM, and the *Data Facility Product Customization Guide* for BDAM.

2. When INVMPSZ occurs during BMS operations, byte 3 of field EIBRCODE contains the terminal code:

```
.. .. .. xx .. ..
      terminal code
```

3. When SYSIDERR occurs, further information is provided in bytes 1 and 2 of EIBRCODE, as follows:

```
.. 04 00 .. .. ..
      request was for invalid function
.. 04 04 .. .. ..
      no session available and NOQUEUE
.. 04 08 .. .. ..
      mode name not found
.. 04 0C .. .. ..
      mode name invalid
.. 04 10 .. .. ..
      task canceled or timed out during allocation
.. 04 14 .. .. ..
      mode group is out of service
.. 04 18 .. .. ..
      close - DRAIN=ALL (Note: APPC only)
.. 08 .. .. ..
      SYSID out of service – for function shipping requests, the exit program
      (XISCONA) may have refused to queue the request because the
      intersystem connection is busy
.. 0C xx .. .. ..
      SYSID definition error
.. 0C 00 .. .. ..
      name not that of TCTSE
.. 0C 04 .. .. ..
      name not that of remote TCTSE
.. 0C 08 .. .. ..
      mode name not found
.. 0C 0C .. .. ..
      profile not found
```

Further information about SYSIDERR can be found in the *CICS Intercommunication Guide*.

4. When SESSIONERR occurs, further information is provided in bytes 1 and 2 of EIBRCODE, as follows:

```
.. 08 .. .. ..
      session out of service
.. 0C xx .. .. ..
      session definition error
.. 0C 00 .. .. ..
      name not found
.. 0C 0C .. .. ..
      profile not found
```

Further information about SESSIONERR can be found in the *CICS Intercommunication Guide*.

5. If SYSBUSY occurs on an ALLOCATE command that attempts to acquire a session to an APPC terminal or system, byte 3 of the EIBRCODE indicates where the error condition was detected:

- .. .. . **00** .. ..  
the request was for a session to a connected terminal or system
- .. .. . **01** .. ..  
the request was for a session to a remotely connected terminal or system, and the error occurred in the terminal-owning region (TOR) or an intermediate system
- .. .. . **02** .. ..  
the request was for a session to a remotely connected terminal or system, and the error occurred in the application-owning region (AOR)

Further information about SYSBUSY can be found in the *CICS Intercommunication Guide*.

6. When INVREQ occurs during terminal control operations, further information is provided in byte 3 of EIBRCODE as follows:
  - .. .. . **04** .. ..  
ALLOCATE command - TCTTE already allocated
  - .. .. . **08** .. ..  
FREE command - TCTTE in wrong state
  - .. .. . **0C** .. ..  
CONNECT PROCESS command - SYNCLVL 2 has been requested but cannot be supported on the session in use
  - .. .. . **10** .. ..  
EXTRACT ATTACH command - invalid data
  - .. .. . **14** .. ..  
SEND command - CONFIRM option has been specified but conversation is not SYNCLVL 1
  - .. .. . **18** .. ..  
EXTRACT TCT command - invalid netname
  - .. .. . **1C** .. ..  
an invalid command has been issued for the terminal or logical unit in use
  - .. .. . **20** .. ..  
an invalid command has been issued for the LU6.2 conversation type in use
  - .. .. . **28** .. ..  
GETMAIN failure on ISSUE PASS command
7. When LENGERR occurs during terminal control operations, further information is provided in byte 1 of EIBRCODE, as follows:
  - .. **00** .. . . . .  
input data is overlong and has been truncated
  - .. **04** .. . . . .  
on output commands, an invalid (FROM)LENGTH has been specified, either less than zero or greater than 32767
  - .. **08** .. . . . .  
on input commands, an invalid (TO)LENGTH has been specified, greater than 32767
  - .. **0C** .. . . . .  
length error has occurred on ISSUE PASS command

---

## RESP values and conditions

RESP	Condition
00	NORMAL
01	ERROR
02	RDATT

<b>RES</b>	<b>Condition</b>
03	WRBRK
04	EOF
05	EODS
06	EOC
07	INBFMH
08	ENDINPT
09	NONVAL
10	NOSTART
11	TERMIDERR
12	FILENOTFOUND
13	NOTFND
14	DUPREC
15	DUPKEY
16	INVREQ
17	IOERR
18	NOSPACE
19	NOTOPEN
20	ENDFILE
21	ILLOGIC
22	LENGERR
23	QZERO
24	SIGNAL
25	QBUSY
26	ITEMERR
27	PGMIDERR
28	TRANSIDERR
29	ENDDATA
30	INVTREQ
31	EXPIRED
32	RETPAGE
33	RTEFAIL
34	RTESOME
35	TSIOERR
36	MAPFAIL
37	INVERRTERM
38	INVMPSZ
39	IGREQID
40	OVERFLOW
41	INVLDC
42	NOSTG
43	JIDERR
44	QIDERR
45	NOJBUFSP
46	DSSTAT
47	SELNERR
48	FUNCERR
49	UNEXPIN
50	NOPASSBKRD
51	NOPASSBKWR
52	-
53	SYSIDERR
54	ISCINVREQ
55	ENQBUSY
56	ENVDEFERR



RESID	Condition
57	IGREQCD
58	SESSIONERR
59	SYSBUSY
60	SESSBUSY
61	NOTALLOC
62	CBIDERR
63	INVEXITREQ
64	INVPARTNSET
65	INVPARTN
66	PARTNFAIL
67	-
68	-
69	USERIDERR
70	NOTAUTH
71	VOLIDERR
72	SUPPRESSED
73	-
74	-
75	RESIDERR
76	-
77	-
78	-
79	-
80	NOSPOOL
81	TERMERR
82	ROLLEDBACK
83	END
84	DISABLED
85	ALLOCERR
86	STRELERR
87	OPENERR
88	SPOLBUSY
89	SPOLEERR
90	NODEIDERR
91	TASKIDERR
92	TCIDERR
93	DSNNOTFOUND
94	LOADING
95	MODELIDERR
96	OUTDESCRERR
97	PARTNERIDERR
98	PROFILEIDERR
99	NETNAMEIDERR
100	LOCKED
101	RECORDBUSY
102	UOWNOTFOUND
103	UOWLNOTFOUND
104	LINKABEND
105	CHANGED
106	PROCESSBUSY
107	ACTIVITYBUSY
108	PROCESSERR
109	ACTIVITYERR
110	CONTAINERERR

## EIB

RES	Condition
111	EVENTERR
112	TOKENERR
113	NOTFINISHED
114	POOLERR
115	TIMERERR
116	SYMBOLERR
117	TEMPLATERR
118	-

## Chapter 9. RESP2 values and their meanings

**Note:** The RESP2 values returned by the CICS/ESA Front End Programming Interface are described in the *CICS Front End Programming Interface User's Guide*.

Command	Condition	RESP2	Meaning
ACQUIRE TERMINAL	INVREQ	2	The terminal is a remote terminal
		3	The terminal is LU6.1, APPC, IRC or a non-VTAM device
		4	The terminal is not in service; that is, it is not available for use.
		5	VTAM is not open
		7	CICS is already in the process of acquiring this session.
		8	NOQUEUE and QNOTENAB options are invalid for a logged-on device
		6	Out-of-range value supplied in the USERDATALEN option
	NOTAUTH	100	The user associated with the task is not authorized to use this command
	TERMIDERR	1	The terminal cannot be found
	ADDRESS	INVREQ	200
ASSIGN	INVREQ	1	The task does not have a signed-on user
		2	No BMS command has yet been issued, BMS routing is in effect, or no map has yet been positioned
		3	No BDI command has yet been issued
		4	The task is not initiated by automatic transaction initiation (ATI)
		5	The task is not associated with a terminal; or the task has no principal facility; or the principal facility is not an MRO, LU6.1, or APPC session
		6	A CICS BTS request is issued from outside
		200	Command syntax options are not allowed in a server program invoked by a distributed program link
		CHANGE PASSWORD	INVREQ
CHANGE PASSWORD	NOTAUTH	18	The CICS external security manager interface is not initialized
		29	The external security manager is not responding
		2	The supplied password is wrong
		4	The new password is not acceptable

Command	Condition	RESP2	Meaning
		19	The USERID is revoked
		22	The change password request failed during SECLEVEL processing
		31	The user is revoked in the connection to the default group
	USERIDERR	8	The USERID is not known to the external security manager
CHANGE TASK	INVREQ	1	The PRIORITY value is outside the range 0–255
COLLECT STATISTICS	NOTFND	1	The requested resource cannot be found (for example, if the JOURNALNAME specified is not known to CICS)
		2	The type of resource is not defined in the CICS system
	IOERR	3	The requested statistics area was not functioning
	INVREQ	4	The TCLASS value was not in the range 1–10, or the LSRPOOL value was not in the range 1–8
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the task is not authorized to access this particular resource in the way required by this command
CONNECT PROCESS	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
CONVERSE	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
CREATE CONNECTION	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier connection or terminal pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		102	The user of the transaction issuing the CREATE CONNECTION is not an authorized surrogate of the userid specified in SECURITYNAME

Command	Condition	RESP2	Meaning	
CREATE DB2CONN	INVREQ	n	Syntax error in ATTRIBUTES string, <b>or</b> error occurred during either discard or resource definition phase of processing	
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET	
	LENGERR	1	The length specified in ATTRLEN is negative	
	ILLOGIC	2	Command cannot be executed because an earlier CONNECTION or TERMINAL pool definition not yet completed	
	NOTAUTH	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing
			200	The command was executed in a program defined with an EXECUTIONSET value of DPLSUBSET <b>or</b> a program invoked from a remote system by a distributed program link without the SYNCONRETURN option.
100			The user associated with the issuing task is not authorized to use this command	
CREATE DB2ENTRY	NOTAUTH	102	The user associated with the issuing task is not an authorized surrogate of the user specified in AUTHID, COMAUTHID, or SIGNID parameter	
		103	The user associated with the issuing task is not authorized to create a DB2CONN with an AUTHTYPE or COMAUTHTYPE parameter	
		LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	Command cannot be executed because an earlier CONNECTION or TERMINAL pool definition not yet completed	
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing	
		200	The command was executed in a program defined with an EXECUTIONSET value of DPLSUBSET <b>or</b> a program invoked from a remote system by a distributed program link without the SYNCONRETURN option.	

Command	Condition	RESP2	Meaning	
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
		101	The user associated with the issuing task is not authorized to create a DB2ENTRY definition with this name	
		102	The user associated with the issuing task is not an authorized surrogate of the user specified in the AUTHID parameter	
		103	The user associated with the issuing task is not authorized to create a DB2ENTRY with an AUTHTYPE parameter	
CREATE DB2TRAN	LENGERR	1	The length specified in ATTRLEN is negative	
		2	Command cannot be executed because an earlier CONNECTION or TERMINAL pool definition not yet completed	
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing	
		200	The command was executed in a program defined with an EXECUTIONSET value of DPLSUBSET <b>or</b> a program invoked from a remote system by a distributed program link without the SYNCONRETURN option.	
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
		101	The user associated with the issuing task is not authorized to create a DB2TRAN definition and associate it with the named DB2ENTRY	
		102	The user associated with the issuing task is not an authorized surrogate of the user specified in the AUTHID parameter of the DB2ENTRY named in the DB2TRAN	
		103	The user associated with the issuing task is not authorized to create a DB2TRAN with the DB2ENTRY specifying AUTHTYPE	
	CREATE DOCTEMPLATE	LENGERR	1	The length specified in ATTRLEN is negative
		INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing

Command	Condition	RESP2	Meaning
		200	The command was executed in a program defined with an EXECUTIONSET value of DPLSUBSET or a program invoked from a remote system by a distributed program link without the SYNCONRETURN option.
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
CREATE ENQMODEL	LENGERR	1	The length specified in ATTRLEN is negative
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program defined with an EXECUTIONSET value of DPLSUBSET or a program invoked from a remote system by a distributed program link without the SYNCONRETURN option.
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create this a ENQMODEL definition with this name
CREATE FILE	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier connection or terminal pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create a FILE definition with this name
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE JOURNALMODEL	LENGERR	1	The length specified in ATTRLEN is negative

Command	Condition	RESP2	Meaning
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE LSRPOOL	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE MAPSET	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create a MAPSET definition with this name
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing



Command	Condition	RESP2	Meaning
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE PARTITIONSET	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create this particular PARTITIONSET
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE PARTNER	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE PROFILE	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed

Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE PROGRAM	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create this particular PROGRAM
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
	CREATE REQUESTMODEL	LENGERR	1
ILLOGIC		2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
NOTAUTH		100	The user associated with the issuing task is not authorized to use this command
INVREQ		n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing

Command	Condition	RESP2	Meaning
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE SESSIONS	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		102	The user of transaction issuing CREATE SESSIONS is not an authorized surrogate of the user specified in USERID
		102	The user of the transaction issuing the CREATE SESSIONS command is not an authorized surrogate of the userid specified in USERID
INVREQ	200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET	
CREATE TCPIP SERVICE	INVREQ	n	Syntax error in ATTRIBUTE string or an error occurred during either the discard or resource definition phase of processing
		200	The command executed in program defined with an EXECUTIONSET or DPLSUBSET, or a program invoked from a remote system by a distributed program link without the SYNCONRETURN option.
	LENGERR	1	Length specified in ATTRLEN is negative
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
CREATE TDQUEUE	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create a TDQUEUE definition with this name

Command	Condition	RESP2	Meaning
	INVREQ	102	The user of the transaction issuing the CREATE TDQUEUE command is not an authorized surrogate of the user specified in USERID
		n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE TERMINAL	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	102	The user of the transaction issuing the CREATE TERMINAL command is not an authorized surrogate of the userid specified in USERID
n		There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing	
CREATE TRANCLASS	LENGERR	200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
		1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing

Command	Condition	RESP2	Meaning
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE TRANSACTION	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create this particular TRANSACTION
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE TSMODEL	LENGERR	1	The length specified in ATTRLEN is negative
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to create a TSMODEL definition with this name
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, <b>or</b> an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
CREATE TYPETERM	LENGERR	1	The length specified in ATTRLEN is negative
	ILLOGIC	2	The command cannot be executed because an earlier CONNECTION or TERMINAL pool definition has not yet been completed

Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
DEFINE COUNTER	INVREQ	202	Duplicate counter name
		301	The server has reported an error that is not understood by the names counter interface
		302	The server cannot create the new named counter because there is not enough space in the named counter pool
		303	An unexpected error has occurred on a macro used to access the coupling facility
		304	The pool selection parameter specified in the program cannot be resolved to a valid server name using the current options table
		305	The interface is unable to establish a connection to the server for the selected named counter pool
		306	An abend occurred during server processing of a request
		308	The DFHNCOPT options table module could not be loaded
		309	The named counter interface encountered an unknown entry format
		310	The user exit program is not link-edited with the options table and cannot be loaded
		403	The POOL parameter contains invalid characters or embedded spaces
		404	The COUNTER parameter contains invalid characters or embedded spaces
		406	The VALUE parameter is invalid
		407	The MINIMUM or MAXIMUM parameter is invalid
DELAY	INVREQ	4	Hours are out of range
		5	Minutes are out of range
		6	Seconds are out of range

Command	Condition	RESP2	Meaning
DELETE	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT
	CHANGED	109	A DELETE command (without RIDFLD) issued for a file defined as a coupling facility data table and the record has been changed since the application program read it for update
		20	Delete operations are not allowed according to the file entry specification in the FCT or the user-maintained data table was defined as a CICS file and the definition does not allow for delete operations
	INVREQ	21	A DELETE command was issued for a file referring to a VSAM ESDS
		22	A generic delete was issued for a file that is not a VSAM KSDS
		25	The KEYLENGTH and GENERIC options were specified, and the length specified in the KEYLENGTH option is greater than or equal to the length of a full key
	26	The KEYLENGTH option was specified (but the GENERIC option is not specified), and the specified length does not equal the length defined for the data set to which this file refers	
	27	A DELETE command was issued for a file referring to a BDAM data set	
	31	A DELETE command without the RIDFLD option was issued for a file for which no previous READ UPDATE command has been issued	
	42	The KEYLENGTH and GENERIC options were specified, and the length specified in the KEYLENGTH option is less than zero	
	44	The DELETE command does not conform to the format of DELETE for a user-maintained table; for example if GENERIC were specified	
	47	A DELETE instruction included a token whose value cannot be matched against any token in use for an existing READ for UPDATE request	
	51	A DELETE command specifying the RBA keyword was issued against a KSDS file that is being accessed in RLS mode. RLS does not support relative byte address (RBA) access to KSDS files	
	55	NOSUSPEND was specified for a non-RLS file	

Command	Condition	RESP2	Meaning
		56	An attempt to update a recoverable coupling facility data table has failed
	DISABLED	50	A file is disabled
	NOTOPEN	60	The requested file is CLOSED and UNENABLED <u>or</u> the requested file is OPEN and in use by other transactions, but a close request against it has been received <u>or</u> a DELETE command has been issued against a data set that is quiesced, or is being quiesced, as a result of a SET DSNNAME QUIESCED or IMMQUIESCED command
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOTFND	80	An attempt to delete a record based on the search argument provided is unsuccessful <u>or</u> , for user-maintained data tables, an attempt to delete a record was unsuccessful because there is no entry with the specified key in the data table
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	LOADING	104	A delete request has been issued for a user-maintained table that is currently being loaded
	LOCKED	106	An attempt has been made to delete a record specifying the RIDFLD, but a <i>retained</i> lock exists against this key. If the request specified the GENERIC keyword, all possible records are deleted, but the locked records remain. The number of records deleted is returned by NUMREC
	RECORDBUSY	107	The NOSUSPEND keyword was specified for the deletion of a record that is locked by a VSAM <i>active</i> lock
	ILLOGIC	110	A VSAM error has occurred which does not fall within the one of the other CICS response categories
	IOERR	120	There has been an I/O error during the file control operation
	SYSIDERR	130	The SYSID option specified a name that is neither the local nor the remote system (made known to CICS by defining a CONNECTION); <u>or</u> the link to the remote system was closed.
		131	The connection to the coupling facility data table server has failed
		132	The DELETE is issued against a coupling facility data table that no longer exists



Command	Condition	RESP2	Meaning
	DUPKEY	140	A record has been accessed by way of an alternate index with the NONUNIQUEKEY attribute, and another alternate index record with the same key follows
DELETE COUNTER	INVREQ	201	The named counter not found
		301	The server has reported an error code that is not understood by the named counter interface
		303	An unexpected error has occurred on a macro used to access the coupling facility
		304	The pool selection parameter specified in the program cannot be resolved to a valid server name using the current options table
		305	The interface is unable to establish a connection to the server for the named counter pool
		306	An abend occurred during server processing of a request
		308	The DFHNCOPT options table module could not be loaded
		309	The named counter interface encountered an unknown entry format
		310	The user exit program is not link-edited with the options table and cannot be loaded
		403	The pool selection parameter contains characters that are not allowed or embedded spaces
DEQ	LENGERR	1	The value specified for the LENGTH option is outside the range 1-255
	INVREQ	2	The MAXLIFETIME option has an incorrect CVDA
DISABLE PROGRAM	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command.
DISCARD AUTINSTMODEL	MODELIDERR	1	The model cannot be found
	INVREQ	2	The model you requested is currently in use
		3	The model cannot be discarded because its name begins with DFH
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command

Command	Condition	RESP2	Meaning
DISCARD CONNECTION	SYSIDERR	9	The named connection cannot be found
		24	Remote and in-use
	INVREQ	25	Not set out-of-service and not remote
		26	Recovery work pending
		27	Discard processing failed
		28	Indirect connections point to this connection
		29	MRO connection and IRC active
		38	Delete already in flight
		39	Entry locked by another RDO action
		200	DPL subset without SYNCONRETURN
NOTAUTH	100	The user of this command is not authorized	
DISCARD DB2CONN	INVREQ	2	The CICS DB2 interface is active
	NOTFND	1	A DB2CONN cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
DISCARD DB2ENTRY	INVREQ	2	The DB2ENTRY is currently in use
		3	The DB2ENTRY is not disabled
	NOTFND	1	The DB2ENTRY cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
DISCARD DB2TRAN	NOTFND	1	The DB2ENTRY cannot be found
		100	The user associated with the issuing task is not authorized to use this command
	NOTAUTH	101	The user associated with the issuing task is not authorized to access the DB2ENTRY referenced by this DB2TRAN in the way required by this command
DISCARD DOCTEMPLATE	LENGERR	1	The length specified in ATTRLEN is negative
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	n	There is a syntax error in the ATTRIBUTES string, or an error occurred during either the discard or resource definition phase of processing

Command	Condition	RESP2	Meaning
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
DISCARD ENQMODEL	NOTFND	1	The specified ENQMODEL is not installed on this system
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
DISCARD FILE	INVREQ	2	The file is not closed
		3	The file is not disabled
		25	The file definition is currently in use
		26	The file cannot be discarded because its name begins with DFH
		43	The file cannot be discarded because it has work outstanding for which there are retained locks
	FILENOTFOUND	18	The file cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
DISCARD JOURNALMODEL	NOTFND	1	The specified JOURNALMODEL name was not found
	NOTAUTH	100	The user is not authorized for this command
DISCARD JOURNALNAME	INVREQ	3	The specified journal name (for example, the system log) cannot be discarded
		JIDERR	1
	NOTAUTH	100	The user is not authorized for this command
		101	The user does not have the required access authority to the specified journal name
DISCARD PARTNER	PARTNERIDERR	1	The partner cannot be found
		5	The Partner Resource Manager (PRM) is not active, because it failed to initialize during CICS initialization
	INVREQ	2	The partner definition is currently in use
		3	The partner cannot be discarded because its name begins with DFH
		NOTAUTH	100
DISCARD PROFILE	PROFILEIDERR	1	The profile cannot be found
	INVREQ	2	The profile definition is currently in use

Command	Condition	RESP2	Meaning
		3	A transaction definition points to the profile
		4	The profile cannot be discarded because its name begins with DFH
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
DISCARD PROGRAM	INVREQ	1	The resource cannot be discarded because its name begins with DFH
		11	The resource definition is currently in use
		15	The resource cannot be discarded because it is a user-replaceable module
	PGMIDERR	7	The resource definition cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
DISCARD REQUESTMODEL	NOTFND	1	The requested model name was not found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
DISCARD TCPIP SERVICE	INVREQ	9	The TCPIP service is still open
	NOTFND	3	The TCPIP SERVICE name was not found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
DISCARD TDQUEUE	QIDERR	1	The queue cannot be found
	INVREQ	11	The queue name begins with the letter C
		18	The queue is not closed
		30	Disable pending
		31	The queue is not disabled
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
DISCARD TERMINAL	TERMIDERR	23	Named terminal cannot be found

Command	Condition	RESP2	Meaning
	INVREQ	33	APPC session or device
		38	Terminal type not VTAM or console
		39	Not out of service and not remote
		40	Error console
		41	MRO session
		43	Delete failed
		44	Remote and in-use
		45	Locked by another RDO action
		46	Delete already in flight
		200	The command was executed in a program that has been linked to from a remote system that has not specified the SYNCONRETURN option, or has been linked to locally and is defined with EXECUTIONSET=DPLSUBSET
	NOTAUTH	100	The use of this command is not authorized
DISCARD TRANCLASS	TCIDERR	1	The transaction class cannot be found
	INVREQ	2	The TRANCLASS definition is in use
		12	The transaction class cannot be discarded because installed transactions belong to it
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
DISCARD TRANSACTION	TRANSIDERR	1	The transaction cannot be found
	INVREQ	4	The transaction cannot be discarded because its name begins with C
		13	The transaction is a SIT parameter
		14	The transaction is scheduled to run at a future time (in use by an interval control element)
		15	The transaction is scheduled to run when required resources are available (in use by an automatic initiate descriptor)
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
DISCARD TSMODEL	NOTFND	1	The TSMODEL does not exist
	INVREQ	2	The TSMODEL definition is currentl in use
		3	The TS model cannot be discarded because its name begins with DFH
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command

Command	Condition	RESP2	Meaning
		101	The user associated with the issuing task is not authorized to discard a TSMODEL with this name
DOCUMENT CREATE	INVREQ	1	The retrieved document specified on the FROM option is not in a valid RETRIEVE format
		2	The document specified on the FROMDOC option could not be found or was named incorrectly
	NOTFND	3	The template specified on the TEMPLATE option could not be found or was named incorrectly
		7	The host codepage specified on the HOSTCODEPAGE option could not be found or was named incorrectly
		8	The value specified for DELIMITER is not valid
DOCUMENT INSERT	INVREQ	0	The bookmark specified on the TO option appears before the bookmark on the AT bookmark
		1	The retrieved document specified on the FROM option is not in a valid RETRIEVE format
	NOTFND	2	The bookmark name on the BOOKMARK option is invalid
		1	The document specified on the DOCUMENT option is not found or the name is incorrect
		2	The document specified on the FROMDOC option is not found or the name is incorrect
		3	The template specified on the TEMPLATE option is not found or the name is incorrect
		4	The document specified on the SYMBOL option is not found or the name is incorrect
		5	The document specified on the AT option is not found or the name is incorrect
		6	The document specified on the TO option is not found or the name is incorrect
		7	The document specified on the HOSTCODEPAGE option is not found or the name is incorrect
DOCUMENT RETRIEVE	LENGERR	1	MAXLENGTH is less than or equal to zero
		2	The length of the receiving buffer is zero or is too short to contain the document contents
	NOTFND	1	The document has not been created or the name is incorrectly specified

Command	Condition	RESP2	Meaning	
		7	The specified client codepage cannot be found	
DOCUMENT SET	INVREQ	8	The value specified for DELIMITER is not valid	
	NOTFND	1	The document has not been created or the name is incorrectly specified	
	SYMBOLERR	0	SYMBOLLIST was not used	
DUMP TRANSACTION	SUPPRESSED	1	The transaction dump is suppressed by MAXIMUM in table	
		2	The transaction dump is suppressed by NOTRANDUMP in table	
		3	The transaction dump is suppressed by a user exit program	
	NOSPACE	4	The transaction dump is incomplete due to lack of space	
	NOSTG	5	CICS has run out of working storage	
	NOTOPEN	6	The current CICS dump routine is not open	
	OPENERR	7	Error on opening, closing, or writing to, the current CICS dump routine	
	IOERR	9	The SDUMP process was not authorized	
		10	An error occurred during system dumping	
		13	The CICS routine issuing the SDUMP was unable to establish a recovery routine (FESTAE)	
	INVREQ	13	An incorrect DUMPCODE was specified. DUMPCODE must not contain leading or imbedded blanks	
	ENABLE PROGRAM	NOTAUTH	100	The user associated with the issuing task is not authorized to issue this command
			101	The user associated with the task is not authorized to access this particular resource in the way required by this command.
ENDBR	FILENOTFOUND	1	The name referred to in the FILE option cannot be found in the FCT	
	INVREQ	35	The REQID, if any, does not match that of any successful STARTBR command	
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition	
	NOTAUTH	101	A resource security check has failed on FILE(filename)	
	ILLOGIC	110	A VSAM error which does not fall within one of the other CICS response categories has occurred.	
	IOERR	120	There has been an I/O error during the operation	

Command	Condition	RESP2	Meaning
	SYSIDERR	130	The SYSID option specified a name that is neither the local nor the remote system (made known to CICS by defining a connection); <u>or</u> the link to the remote system is closed.
ENQ	LENGERR	1	The value specified for the LENGTH option is outside the range 1–255
	INVREQ	2	The MAXLIFETIME option has an incorrect CVDA
ENTER TRACENUM	INVREQ	1	TRACENUM is outside the range 0–199
		2	There is no valid trace destination
		3	The user trace master flag is set OFF and EXCEPTION has not been specified
	LENGERR	4	FROMLENGTH is outside the range 0–4000 specified
EXTRACT ATTRIBUTES (APPC)	INVREQ	200	A distributed program link server application explicitly, or implicitly by default, specified the function-shipping session (its principal facility) on the CONVID option
EXTRACT ATTRIBUTES (MRO)	INVREQ	200	A distributed program link server application explicitly, or implicitly by default, specified the function-shipping session (its principal facility) on the CONVID option
EXTRACT EXIT	NOTAUTH	100	The user associated with the issuing task is not authorized to issue this command
EXTRACT EXIT	NOTAUTH	100	The user associated with the issuing task is not authorized to issue this command
		101	The user associated with the task is not authorized to access this particular resource in the way required by this command.
EXTRACT PROCESS	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
EXTRACT TCPIP	INVREQ	2	Invalid socket response
		5	The command being issued is from a non-TCPIP application
	LENGERR	3	CLIENTADDR is too small
		4	SERVERADDR is too small



Command	Condition	RESP2	Meaning
		6	CLIENTNAME is too small
		7	SERVERNAME is too small
FORMATTIME	INVREQ	1	The ABSTIME option is in an incorrect format
FREE (APPC)	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
FREEMAIN	INVREQ	1	The storage specified by the DATA or DATAPOINTER parameter was not storage acquired by a GETMAIN command
		2	The storage area specified by the DATA or DATAPOINTER parameter was in CICS-key storage, and the program issuing the FREEMAIN command was in user-key.
GET COUNTER	INVREQ	201	The named counter not found
		301	The server has reported an error that is not understood by the named counter interface
		303	An unexpected error occurred on a macro used to access the coupling facility
		304	The pool selection parameter specified cannot be resolved to a valid server name using the current options table
		305	The interface is unable to establish a connection to the server for the named counter pool
		306	An abend occurred during server processing of a request
		308	The DFHNCOPT options table module could not be loaded
		309	The named counter interface encountered an unknown entry format during processing of the options table
		310	The user exit program is not link-edited with the options table and cannot be loaded
		403	The POOL parameter contains invalid characters or embedded spaces
		404	The COUNTER parameter contains invalid characters or embedded spaces
		406	The INCREMENT value is invalid

Command	Condition	RESP2	Meaning
	LENGERR	001	The current value that the server has attempted to return in the VALUE data area has overflowed into the high-order (sign) bit
		002	The current value is too large for a fullword data area by only 1 bit
		003	The current value is too large for a fullword data area by a value greater than 1
	SUPPRESSED	101	The maximum value for the named counter has already been assigned and the counter is in the 'counter-at-limit' condition
		103	The current value of the named counter is not within the range specified by the COMPAREMAX and COMPAREMIN parameters, pub or greater than the COMPAREMAX parameter or less than the COMPAREMIN parameter when only one option is specified
GETMAIN	LENGERR	1	The FLENGTH value was less than 1 or greater than the length of the target storage area from which the request was to be satisfied
	NOSTG	2	The storage requested was more than was currently available in the target DSA
HANDLE ABEND	PGMIDERR	1	The program has no entry in the PPT and autoinstall for programs is not active
		2	The program is disabled
		9	The installed program definition is for a remote program
HANDLE AID	INVREQ	200	The command was issued by a distributed program link server application
INQUIRE AUTINSTMODEL	ILLOGIC	1	A START has been given when a browse is already in progress, <u>or</u> a NEXT or an END has been given when a browse of this resource type is not in progress
		1	The model specified cannot be found
	MODELIDERR END	1	The model specified cannot be found
		2	There are no more resource definitions of this type
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE AUTOINSTALL	INVREQ	20	The console has an invalid CVDA value

Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE CFDTPOOL	END	2	There are no more coupling facility data table pools to browse
	ILLOGIC	1	START command issued when CFDTPOOLS already in progress, or NEXT or END issued when CFDTPOOLS is not in progress
	POOLERR	1	Named CFDTPOOL was not found
		2	An internal control structure that CICS uses to maintain access to CFDT pools has been altered while the set of pools known to CICS was being browsed.
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE CONNECTION	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress or a NEXT or an END has been given when a browse of this resource type is not in progress
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	SYSIDERR	1	The named connection could not be found
INQUIRE DB2CONN	NOTFND	1	The requested DB2CONN cannot be found
INQUIRE DB2ENTRY	NOTAUTH	100	Command authorization failure
	NOTFND	1	The requested DB2ENTRY cannot be found
INQUIRE DB2TRAN	NOTAUTH	100	Command authorization failure
	NOTFND	101	Resource authorization failure
	NOTAUTH	101	The requested DB2TRAN cannot be found
INQUIRE DELETSHIPED	NOTAUTH	100	Command authorization failure
	NOTFND	101	Resource authorization failure
INQUIRE DOCTEMPLATE	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress or a NEXT or an END has been given when a browse of this resource type is not in progress

Command	Condition	RESP2	Meaning
	MODELIDERR	1	The DOCTEMPLATE specified cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE DSNAME	DSNNOTFOUND	1	The data set cannot be found
	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress or a NEXT or an END has been given when a browse of this resource type is not in progress
	IOERR	40	QUIESCESTATE was specified, but an error was raised by DFSMS reading the ICF catalog
		49	An error was raised by DFSMS reading the ICF catalog to establish the base data set name
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE DUMPDS	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE ENQMODEL	END	2	There are no more resource definitions of this type
	NOTFND	1	The ENQMODEL cannot be found
	ILLOGIC	1	A START has been issued when a browse of this resource type is already in progress, or a NEXT or END issued when a browse of this resource type is not in progress
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
INQUIRE EXCI	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been issued when a browse of this resource type is already in progress, or a NEXT or END issued when a browse of this resource type is not in progress
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command

Command	Condition	RESP2	Meaning
INQUIRE EXITPROGRAM	END	2	There are no more resource definitions of this type
	INVREQ	3	The exit point identified by EXIT does not exist
	ILLOGIC	1	A START has been given when a browse is already in progress, <u>or</u> a NEXT or an END has been given when a browse of this resource type is not in progress
		100	The user associated with the issuing task is not authorized to use this command
	NOTAUTH	101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
		1	<ul style="list-style-type: none"> <li>• The exit identified by EXITPROGRAM and ENTRYNAME is not enabled, <u>or</u></li> <li>• The EXIT parameter is missing for an inquiry on a global user exit, <u>or</u></li> <li>• The EXIT parameter is present on a task-related user exit</li> </ul>
INQUIRE FILE	END	2	There are no more resource definitions as this type
	FILENOTFOUND	1	The file cannot be found
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> a NEXT or an END has been given when a browse of this resource type is not in progress
		100	The user associated with the issuing task is not authorized to use this command
	101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command	
INQUIRE IRC	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE JOURNALMODEL	END	2	All authorized resource definitions have been retrieved. All data areas specified on this command are left unchanged
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> a NEXT or an END has been given without a preceding START
		2	The browse token is not valid
	NOTFND	1	The specified journal model was not found

Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user is not authorized for this command
INQUIRE JOURNALNAME	END	2	All authorized resource definitions have been retrieved. All data areas specified on this command are left unchanged
	ILLOGIC	1	A START has been given when a browse is already in progress or a NEXT or an END has been given without a preceding START
		2	The browse token is not valid
	JIDERR	1	The specified journal name was not found
	NOTAUTH	100	The user is not authorized for this command
		101	The user does not have the required access authority to the specified resource (Not applicable to INQUIRE JOURNALNAME START, INQUIRE JOURNALNAME NEXT, or INQUIRE JOURNALNAME END commands)
INQUIRE MODENAME	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress, or a NEXT or END has been given when a browse of this resource type is not in progress
		1	The connection cannot be found
		2	The modename within the connection cannot be found
		3	The connection specified on an INQUIRE MODENAME NEXT cannot be found
NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
INQUIRE MONITOR	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE PARTNER	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress or a NEXT or an END has been given when a browse if this resource type is not in progress
		1	The partner cannot be found
	PARTNERIDERR	2	Partner Resource Manager (PRM) is not active, because it failed to initialize during CICS initialization

Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE PROFILE	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress, <u>or</u> a NEXT or an END has been given when a browse of this resource type is not in progress
	PROFILEIDERR NOTAUTH	1 100	The profile cannot be found The user associated with the issuing task is not authorized to use this command
INQUIRE PROGRAM	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> or a NEXT or an END has been given when a browse of this resource type is not in progress
	PGMIDERR NOTAUTH	1 100	The program cannot be found The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
INQUIRE REQID	NOTFND	1	The REQID cannot be found
	ILLOGIC	1	You have issued a START command when a browse is already in progress, <u>or</u> a NEXT or an END issued when a browse of this resource type is not in progress
	END	2	There are no more resource definitions of this type
	INVREQ	3	An I/O error occurred while an attempt was made to read data from temporary storage for the SET, QUEUE, RTERMID or RTRANSID option
		4	Data required for the SET, QUEUE, RTERMID or RTRANSID option cannot be returned because it has been deleted from temporary storage
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE REQUESTMODEL	NOTFND	1	The specified erquest model was not found

Command	Condition	RESP2	Meaning
	ILLOGIC	1	You have issued a START command when a browse is already in progress, <u>or</u> a NEXT or an END issued when a browse of this resource type is not in progress
	END	2	All authorized resource definitions have been retrieved
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE STATISTICS	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE STORAGE	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	TASKIDERR	1	The task number does not exist
		2	The task number is a system task, not a user task
INQUIRE STREAMNAME	NOTAUTH	100	The user is not authorized for this command
	END	2	All authorized resource definitions have been retrieved. All data areas specified on this command are left unchanged
	NOTFND	1	The requested log stream name was not found
	ILLOGIC	1	A START has been given when a browse is already in progress, <u>or</u> a NEXT or an END has been given without a preceding START
		2	The browse token is not valid
INQUIRE SYSDUMPCODE	END	2	There are no more resource definitions of this type
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	ILLOGIC	1	A START command has been issued when a browse is already in progress <u>or</u> a NEXT or an END command issued when a browse of this resource type is not in progress
		NOTFND	1
INQUIRE SYSTEM	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TASK	TASKIDERR	1	The named task cannot be found
		2	The task is executing a type of transaction which is not subject to this command operator



Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	INVREQ	1	SUSPENDVALUE is specified but significant characters are lost
		3	TCLASS is specified but CLASS is named. The user should specify the TRANCLASS option
		10	Requested data is held on a data profile, but the data is not available
INQUIRE TASK LIST	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TCLASS	TCIDERR	1	The named task class cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TCPIP	INVREQ	4	TCPIP=NO has been specified in the system initialization table (SIT)
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TCPIPSERVICE	NOTFND	3	Named TCPIPSERVICE was not found
	ILLOGIC	1	A START command has been issued when a browse is already in progress or a NEXT or an END command issued when a browse of this resource type is not in progress
	END	2	There are no more resource definitions of this type
	INVREQ	4	TCPIP not available (TCPIP=NO)
		5	TCPIP is closed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TDQUEUE	ENDCOND	2	There are no more resource definitions of this type
	ILLOGIC	1	Browse sequence error
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
	QIDERR	1	The named queue cannot be found
	NORMAL	0	No errors
INQUIRE TERMINAL	END	2	There are no more resource definitions of this type

Command	Condition	RESP2	Meaning
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> a NEXT or an END has been given when a browse of this resource type is not in progress
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	TERMIDERR	1	The named terminal cannot be found
INQUIRE TRACEDEST	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TRACEFLAG	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TRACETYPE	NOTFND	1	CICS was initialized without support for at least one of the components listed in the command; trace levels were returned for all other components
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE TRANCLASS	INVREQ	12	The TRANCLASS definition is in use
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access the particular resource in the way required by this command
	TCIDERR	1	The transaction class cannot be found
INQUIRE TRANDUMPCODE	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> a NEXT or an END has been given when a browse of this resource type is not in progress
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	NOTFND	1	The dump code cannot be found
INQUIRE TRANSACTION	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> a NEXT or an END has been given when a browse if this resource type is not in progress
	TRANSIDERR	1	The transaction could not be found

Command	Condition	RESP2	Meaning
	INVREQ	3	The TCLASS option has been specified in this INQUIRE command, and the transaction belongs to a class that is not one of the numbered classes DFHTCL00 through DFHTCL10
	NORMAL	10	The profile definition associated with the transaction is not available
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
INQUIRE TSMODEL	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> a NEXT or an END has been given when a browse if this resource type is not in progress
		1	The TSMODEL does not exist
	NOTAFND NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
INQUIRE TSPPOOL	END	2	There are no more resource definitions of this type
	ILLOGIC	1	A START has been given when a browse is already in progress <u>or</u> a NEXT or an END has been given when a browse if this resource type is not in progress
		1	The TSPPOOL does not exist
	NOTAFND NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
INQUIRE TSQUEUE/TSQNAME	END	2	There are no more resource definitions of this type
	INVREQ	1	The specified SYSID does not exist in any TYPE=SHARED entry in the temporary storage table

Command	Condition	RESP2	Meaning
		2	When INQUIRE TSQUEUE NEXT is specified, the NEXT queue to be browsed has a Queue name of more than 8 significant characters. The queue name is truncated, some significant characters are lost.
		4	This TSQNAME cannot be deleted as it was written by CICS using PUTQ macro
	ILLOGIC	1	A START has been given when a browse is already in progress, <u>or</u> a NEXT or an END has been given when a browse of this resource type is not in progress
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
	POOLERR	3	The POOLNAME does not exist
	QIDERR	1	The temporary storage queue cannot be found
	SYSIDERR	3	The SYSID does not map to a shared pool
		4	An error has occurred in the shared TS server
		5	An I/O error has occurred on the coupling facility
INQUIRE UOW	END	2	All authorized resource definitions have been retrieved. All data areas specified on this command are left unchanged
	ILLOGIC	1	A browse of this resource type is already in progress, <u>or</u> an INQUIRE UOW START command has not been issued
	UOWNOTFOUND	1	A named UOW cannot be found
	NOTAUTH	100	A use of this command is not authorized
INQUIRE UOWDSNFAIL	END	2	There are no more UOW/data set pairs
	ILLOGIC	1	A START has been given when a browse is already in progress, <u>or</u> a NEXT has been given without a preceding START
	NOTAUTH	100	A use of this command is not authorized
INQUIRE UOWENQ	END	2	All enqueues have been retrieved

Command	Condition	RESP2	Meaning
	ILLOGIC	1	<ul style="list-style-type: none"> <li>For INQUIRE UOQENQ START - a browse of this resource is already in progress</li> <li>For INQUIRE UOWENQ NEXT and INQUIRE UOWENQ END - an INQUIRE UOWENQ START command has not been issued</li> </ul>
	UOWNOTFOUND	1	The named UOW cannot be found
	NOTAUTH	100	A use of this command is not authorized
INQUIRE UOWLINK	END	2	All authorized resource definitions have been retrieved
	ILLOGIC	1	<ul style="list-style-type: none"> <li>For INQUIRE UOQLINK START - a browse of this resource is already in progress</li> <li>For INQUIRE UOWLINK NEXT and INQUIRE UOWLINK END - an INQUIRE UOWLINK START command has not been issued</li> </ul>
	UOWLNOTFOUND	1	The named UOW-link cannot be found
	UOWNOTFOUND	1	The named UOW cannot be found
	NOTAUTH	100	A use of this command is not authorized
INQUIRE VOLUME	VOLIDERR	1	The program has issued an INQUIRE VOLUME browse command. This command is withdrawn
INQUIRE VTAM	INVREQ	1	VTAM is not present in the system
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
INQUIRE WEB	INVREQ	11	An invalid value was supplied for one of the options
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
ISSUE ABEND	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE ABORT	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option

<b>Command</b>	<b>Condition</b>	<b>RESP2</b>	<b>Meaning</b>
ISSUE ADD	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE CONFIRMATION	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE END	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE ENDFILE	INVREQ	200	A distributed program link server application attempted to send on its function-shipping session, its principal facility
ISSUE ENDOUTPUT	INVREQ	200	A distributed program link server application attempted to send on its function shipping session, its principal facility
ISSUE EODS	INVREQ	200	A distributed program link server application attempted to send on its function shipping session, its principal facility
ISSUE ERASE	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE ERASEAUP	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE ERROR	INVREQ	200	A distributed program link server application specified the function-shipping session on the CONVID option
ISSUE NOTE	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option

<b>Command</b>	<b>Condition</b>	<b>RESP2</b>	<b>Meaning</b>
ISSUE PREPARE	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE PRINT	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE QUERY	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE RECEIVE	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE REPLACE	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE RESET	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE SEND	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE SIGNAL (APPC)	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
ISSUE WAIT	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
LINK	INVREQ	8	A LINK command with the INPUTMSG option is issued for a program that is not associated with a terminal, or that is associated with an APPC logical unit, or an IRC session

Command	Condition	RESP2	Meaning
		14	The SYNCONRETURN option is specified but the program issuing the link request (the client program) is already in conversation with a mirror task in the remote region specified on the SYSID option. (That is, a logical unit-of-work (LUW) is in progress or MRO=YES has been specified in the client region). In this case, the client program is in an incorrect state to support the SYNCONRETURN option
		15	The program issuing the link request is already in conversation with a mirror task and the TRANSID specified is different from the transaction identifier of the active mirror
		16	The TRANSID specified is all blanks
		17	The TRANSID supplied by the dynamic routing program is all blanks
		19	A LINK command with the INPUTMSG option is issued for a program that is the subject of a DPL request; that is, SYSID is also specified
		30	The program manager domain has not yet been initialized. This is probably due to a link request having been made in a first stage PLT
		43	A LINK has been attempted to a hot-pooled Java program object while there is already a hot-pooled program on the link stack
	LENGERR	11	The COMMAREA length is less than 0 or greater than 32767
		12	The length specified on the DATALENGTH option is a negative value
		13	The length specified on the DATALENGTH option is greater than the length specified on the LENGTH option
		26	The COMMAREA address is zero, but the COMMAREA length is non zero
		27	The INPUTMSG length < 0 or > 32767
	NOTAUTH	101	A resource security check has failed on PROGRAM(name)
	PGMIDERR	1	A program has no entry in the PPT and either program autoinstall was switched off, or the program autoinstall control program indicated that the program should not be autoinstalled
		2	A program is disabled



Command	Condition	RESP2	Meaning
		3	<p>A program cannot be loaded because</p> <ul style="list-style-type: none"> <li>• This was the first load of the program and the program load failed, usually because the load module could not be found</li> <li>• This was a subsequent load of the program, but the first load failed</li> </ul> <p>In order to reset the load status the load module must be in the DFHRPL concatenation, and a SET PROGRAM NEWCOPY will be required</p>
		21	The program autoinstall control program failed either because the program autoinstall control program is incorrect, incorrectly defined, or as a result of an abend in the program autoinstall control program. Program autoinstall is disabled and message DFHPG0202 or DFHPG0203 written to the CSPL
		22	The model returned by the program autoinstall control program is not defined in the PPT table, or is not enabled
		23	The program autoinstall control program returned invalid data
		24	Define for the program failed due to autoinstall returning an invalid program name or definition
		25	The dynamic routing program rejected the link request
	ROLLEDBACK	29	The SYNCONRETURN was specified and the server program was unable successfully to take a syncpoint. The server program has taken a rollback, and all changes made to recoverable resources in the remote region, within the current UOW, are backed out
	SYSIDERR	18	The SYSID specified cannot be found in the intersystem table, <u>or</u> the link to the specified system is unavailable
		20	The remote system specified by SYSID is an LUTYPE6.1-connected system. Distributed program link requests are not supported on LUTYPE6.1 connections
		28	The remote system specified by SYSID is not in service
		29	No sessions available — the dynamic routing program has chosen not to queue the link request
		31	The request to allocate a session to the remote system has been rejected
		32	The queue of allocate requests for sessions to the remote system has been purged

Command	Condition	RESP2	Meaning	
	TERMERR	17	An unrecoverable error occurred during the conversation with the mirror (for example, the session failed or the server region failed)	
LOAD	INVREQ	30	The program manager domain has not yet been initialized. This is probably due to a load request having been made in a first stage PLT	
		19	LENGTH is used and the length of the loaded program is not less than 32KB	
	NOTAUTH	101	A resource security check has failed on PROGRAM(name)	
	PGMIDERR	1	A program, table, or map has no entry in the PPT and either program autoinstall was switched off, or the program autoinstall control program indicated that the program should not be autoinstalled	
		2	A program is disabled	
		3	A program cannot be loaded because <ul style="list-style-type: none"> <li>• This was the first load of the program and the program load failed, usually because the load module could not be found</li> <li>• This was a subsequent load of the program, but the first load failed</li> </ul>	
			9	In order to reset the load status the load module must be in the DFHRPL concatenation, and a SET PROGRAM NEWCOPY will be required The installed program definition is for a remote program
			21	The program autoinstall control program failed either because the program autoinstall control program is incorrect, incorrectly defined, or as a result of an abend in the program autoinstall control program. Program autoinstall is disabled and message DFHPG0202 or DFHPG0203 written to the CSPL
			22	The model returned by the program autoinstall control program was not defined in the PPT table, or was not enabled
			23	The program autoinstall control program returned invalid data
		24	Define for the program failed due to autoinstall returning an invalid program name or definition	
MONITOR	INVREQ	1	POINT value is outside the range 1-255	

Command	Condition	RESP2	Meaning
		2	POINT value is not defined in the MCT
		3	DATA1 value is not valid
		4	DATA2 value is not valid
		5	DATA1 value not specified for an MCT operation that required it
		6	DATA2 value not specified for an MCT operation that required it
PERFORM DELETSHIPED	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
PERFORM DUMP	SUPPRESSED	1	The dump was not taken because the number of dumps with this dump code exceeds the maximum for the code
		2	The dump was not taken because the system dump table entry for this code indicates no system dump
		3	The dump was not taken because it was suppressed by a user exit program
		8	The dump was not taken because system dumps are suppressed globally
	NOSPACE	4	The dump is incomplete due to lack of dump data-set space
	NOSTG	5	CICS cannot complete the dump because of insufficient storage
	INVREQ	6	TITLELENGTH is greater than 80 bytes
		7	CALLERLENGTH is greater than 8 bytes
		13	The DUMPCODE contains leading or imbedded blanks
	IOERR	9	CICS is not authorized by MVS to take dumps
		10	An error occurs during system dumping
		12	MVS cannot process the dump because there is no dump data set or because it is full
		13	An error occurred in the CICS routine that issues MVS SDUMP requests
	SYSBUSY	11	The MVS dump routine is busy. Retry the command
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
PERFORM ENDAFFINITY	INVREQ	25	The connection is still in service
		26	There may be recovery information outstanding for the connection. RECOVSTATUS has a value other than NORECOVDATA

Command	Condition	RESP2	Meaning
		32	See message DFHZC0178. VTAM could not end the affinity for a reason other than 35 (NOTFOUND) or 36 (SESSIONS ACTIVE)
		34	Enter NETID. NETID was not specified, and cannot be obtained from the installed connection. This may be because the connection does not exist, or because it does not contain a NETID value
		35	VTAM could not find an affinity for the values input
		36	VTAM could not end the affinity because the connection had some sessions active
		37	See message DFHZC0176. A VTAM error prevented the CHANGE AFFINITY macro being carried out
PERFORM RESETTIME	INVREQ NOTAUTH	1	There is no clock in the system
		100	The user associated with the issuing task is not authorized to use this command
PERFORM SECURITY REBUILD	INVREQ	1	No ESM is installed, or the ESM is inactive
		5	The ESM is temporarily inactive and cannot perform the action requested
	IOERR	3	Error returned from ESM. The return code is in ESMRESP, if the option was used
		100	The user associated with the issuing task is not authorized to use this command
	NORMAL	0	Profiles have been refreshed
		4	No action is required, because RACF is at Version 2.1 (or later), and so profiles are refreshed automatically
SYSBUSY	3	A security rebuild is currently in progress	
PERFORM SHUTDOWN	INVREQ	1	A normal shutdown has been requested when shutdown was already in progress
		2	The XLT cannot be found
		3	The PLT cannot be found
		4	XRF is not in effect
		5	The transaction specified on SDTRAN is not enabled for shutdown
		6	The transaction specified on SDTRAN is not defined as remote
		7	The transaction specified on SDTRAN is not enabled
		TRANSIDERR	1

Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
PERFORM STATISTICS RECORD	IOERR	n	Statistics for at least one of the options chosen were not available; usually the reason for this error is corruption of the memory in which they are accumulated. (See below)
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	NOTFND	n	Statistics for at least one of the options chosen were not available because CICS was initialized without support for the function. (See below)
			The values of "n" are as follows: 1 AUTOINSTALL 2 CONNECTION 3 DISPATCHER 6 FILE 8 JOURNALNUM and JOURNALNAME 10 LSRPOOL 11 MONITOR 12 PROGRAM 13 STATS 14 STORAGE 15 SYSDUMP 16 TABLEMGR 18 TCLASS, TRANCLASS 19 TDQUEUE 20 TERMINAL 21 TRANDUMP 22 TRANSACTION 23 TSQUEUE 24 VTAM 25 FEPI 26 PROGAUTO 28 ENQUEUE 29 RECOVERY 30 STREAMNAME
POST	INVREQ	4	Hours are out of range
		5	Minutes are out of range
		6	Seconds are out of range
PURGE MESSAGE	INVREQ	200	The command was called in a distributed program link server program
QUERY COUNTER	INVREQ	201	Named counter not found
		301	The server has reported an error code that is not understood by the named counter interface

Command	Condition	RESP2	Meaning
		303	An unexpected error has occurred on a macro used to access the coupling facility
		304	The pool selection parameter specified in the program cannot be resolved to a valid server name using the current options table
		305	The interface is unable to establish a connection to the server for the selected named counter pool
		306	An abend occurred during server processing of a request
		308	The DFHNCOPT options table module could not be loaded
		309	The named counter interface encountered an unknown entry format
		310	The user exit program is not link-edited with the options table and cannot be loaded
		403	The POOL parameter contains invalid characters or embedded spaces
		404	The COUNTER parameter contains invalid characters or embedded spaces
	LENGERR	001	The current value that the server has attempted to return in one of the data areas has overflowed into the high-order (Sign) bit
		002	A value is too large for a fullword data area by only 1 bit
		003	A value is too large for a fullword data area by a value greater than 1
QUERY SECURITY	NOTFND	1	The RESID is not valid
		2	The RESTYPE is not valid
		3	The RESID value for RESTYPE (SPCOMMAND) is not valid
		5	The RESCLASS is not defined to the external security manager (ESM)
		8	The resource is not protected
			Possible causes include
			• RESCLASS not active
			• No profile found
			• ESM not active
	QIDERR	1	No indirect queue name associated with the given RESID has been found
	LENGERR	6	The RESIDLENGTH value is not valid, that is, not in the range 1–246
	INVREQ	7	The CVDA value is not valid for the LOGMESSAGE
		9	The RESID is invalid or filled with blanks
		10	The external security manager (ESM) is inactive or not present

Command	Condition	RESP2	Meaning
READ	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT
		10	Neither the LENGTH nor SET options have been specified on a READ command for a file with variable-length records or for a BDAM file with variable-length or undefined-format records
	LENGERR	11	The length of a record read with the INTO option specified exceeds the value specified in the LENGTH option; the record is truncated, and the data area supplied in the LENGTH option is set to the actual length of the record
		13	An incorrect length is specified for a file with fixed-length records
	INVREQ	20	Read is not allowed according to the file entry specification in the FCT or a read command with the UPDATE option has been issued to a file where update operations are not allowed according to the file entry specification in the FCT
		25	The KEYLENGTH and GENERIC options are specified and the length specified in the KEYLENGTH option is greater than or equal to the length of a full key
		26	The KEYLENGTH option is specified (but the GENERIC option is not specified), and the specified length does not equal the length defined for the data set to which this file refers
		28	Following a READ UPDATE command for a file, another READ UPDATE command is issued for a file referencing the same data set before exclusive control is released by a REWRITE, UNLOCK, or DELETE command
		40	A BDAM key conversion error occurred
		42	The KEYLENGTH and GENERIC options are specified, and the length specified in the KEYLENGTH option is less than or equal to zero
		44	The command does not conform to the format of READ for a user-maintained table; for example if GTEQ is specified with UPDATE
	51	A READ to a KSDS file that was being accessed in RLS mode specified the RBA keyword. RLS mode does not support relative byte address access to KSDS data sets	

Command	Condition	RESP2	Meaning
		52	A READ request to a non-RLS file specified CONSISTENT
		53	A READ request to a non-RLS file specified REPEATABLE
		55	A READ request to a non-RLS file specified NOSUSPEND, which is not allowed because the file is not a VSAM file accessed in RLS mode
		56	Attempt to update a recoverable coupling facility has failed because the current unit of work has already updated 1024 recoverable coupling facility data tables
	DISABLED	50	A file was initially defined as disabled and has not since been enabled or it has been disabled by an EXEC CICS SET FILE or the CEMT SET FILE command
	NOTOPEN	60	The requested file is CLOSED and UNENABLED or the requested file is OPEN and in use by other transactions, but a CLOSE request against it has been received or a READ command has been issued against a data set that is quiesced, or is being quiesced, as a result of a SET DSNNAME QUIESCED or IMMQUIESCED command
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOTFND	80	An attempt to retrieve a record based on the search argument provided is unsuccessful or, for user-maintained data tables, an attempt to read a record is unsuccessful because there is no entry with the specified key in the data table
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	LOADING	104	A READ UPDATE has been issued for a user-maintained data table that is currently being loaded or a READ GENERIC has been issued for a user-maintained data table that is currently being loaded
	LOCKED	106	An attempt has been made to read a record either specifying the UPDATE keyword, or specifying (explicitly or implicitly) CONSISTENT or REPEATABLE, but the record was locked by a retained lock or a READ UPDATE request to a recoverable CFDT uses the locking model and the record being read is locked by a retained lock



Command	Condition	RESP2	Meaning		
	RECORDBUSY	107	The NOSUSPEND keyword was specified and the record was locked by an active lock		
	ILLOGIC	110	A VSAM error has occurred which does not fall within one of the other CICS response categories		
	IOERR	120	There has been an I/O error during the READ operation		
	SYSIDERR		130	The SYSID option specified a name that is neither the local nor the remote system (made known to CICS by defining a CONNECTION); or the link to the remote system is closed.	
			131	The connection to the coupling facility data table has failed	
			132	The READ is issued for a coupling facility data table that no longer exists	
			140	A record has been retrieved by way of an alternate index with the NONUNIQUEKEY attribute, and another alternate index record with the same key follows.	
	READNEXT	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT	
		LENGERR		10	Neither the LENGTH nor SET options have been specified for a file with variable-length records or for a BDAM file with undefined-format records
				11	The length of a record read with the INTO option specified exceeds the value specified in the LENGTH option; the record is truncated, and the data areas supplied in the LENGTH option is set to the actual length of the record
13				An incorrect length is specified for a file with fixed-length records	
20				The FILE definition does not allow updates	
INVREQ			25	The KEYLENGTH option is specified for a generic browse (that is one where GENERIC was specified on the STARTBR or the last RESETBR) and the value of KEYLENGTH was greater than the full key length	
			26	The KEYLENGTH option is specified for a nongeneric browse, and the specified length does not equal the length defined for the data set to which this file refers	
			34	The REQID, if any, does not match that of any successful STARTBR command	

Command	Condition	RESP2	Meaning
		37	The type of record identification used to access a data set during the browse is changed by the READNEXT command
		42	The KEYLENGTH option is specified for a generic browse (that is one where GENERIC was specified on the STARTBR or the last RESETBR) and the value of KEYLENGTH is less than zero
		52	CONSISTENT is not allowed because the file is not a VSAM file that is accessed in RLS mode
		53	REPEATABLE is not allowed because the file is not a VSAM file that is accessed in RLS mode
		54	UPDATE is not allowed because the file is not a VSAM file that is accessed in RLS mode
		55	NOSUSPEND is not allowed because the file is not a VSAM file that is accessed in RLS mode
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOTFND	80	An attempt to retrieve a record based on the search argument provided is unsuccessful
	ENDFILE	90	An end-of-file condition has been detected during a browse
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	LOCKED	106	The read request specified the UPDATE keyword, or one of the read integrity keywords CONSISTENT or REPEATABLE, or the file resource definition specified read integrity, but VSAM held a retained lock against the record, or the request to a recoverable CFDT uses the locking model and the record being read is locked by a retained lock
	LOADING	104	The read request specifies a record key for a record in a coupling facility data table that is still being loaded, and the key is out of range of the records already loaded
	RECORDBUSY	107	NOSUSPEND was specified on the request but VSAM held an active lock against the record, which would cause the request to wait
	ILLOGIC	110	A VSAM error has occurred which does not fall within one of the other CICS response categories
	IOERR	120	There has been an I/O error during the READNEXT command

Command	Condition	RESP2	Meaning	
	SYSIDERR	130	The SYSID option specifies a name that is neither the local nor the remote system (made known to CICS by defining a CONNECTION); <u>or</u> the link to the remote system is closed.	
		131	The connection to the coupling facility data table has failed	
		132	The READNEXT is issued for a coupling facility data table that no longer exists	
		140	A record has been retrieved by way of an alternate index with the NONUNIQUEKEY attribute, and another alternate index record with the same key follows	
READPREV	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT	
		10	Neither the LENGTH nor SET options have been specified for a file with variable-length records	
	LENGERR	11	The length of a record read with the INTO option specified exceeds the value specified in the LENGTH option; the record is truncated, and the data area supplied in the LENGTH option is set to the actual length of the record	
		13	An incorrect length is specified for a file with fixed-length records	
		INVREQ	20	The FILE definition does not allow updates
			24	A READPREV command is issued for a file for which the previous STARTBR or RESETBR command has the GENERIC option
			26	The KEYLENGTH option is specified and the specified length does not equal the length defined for the data set this file refers to
			37	The type of record identification used to access a data set during the browse is changed
			39	A READPREV is issued for a BDAM file
			41	The REQID, if any, does not match that of any successful STARTBR command
			52	CONSISTENT is not allowed because the file is not a VSAM file that is accessed in RLS-mode
			53	REPEATABLE is not allowed because the file is not a VSAM file that is accessed in RLS-mode
			54	UPDATE is not allowed because the file is not a VSAM file that is accessed in RLS-mode

Command	Condition	RESP2	Meaning
		55	NOSUSPEND is not allowed because the file is not a VSAM file that is accessed in RLS-mode
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOTFND	80	An attempt to retrieve a record based on the search argument provided is unsuccessful
	ENDFILE	90	An end-of-file condition has been detected during a browse
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	LOCKED	106	The read request specified the UPDATE keyword, or one of the read integrity keywords CONSISTENT or REPEATABLE, or the file resource definition specified read integrity, but VSAM held a retained lock against the record
	RECORDBUSY	107	NOSUSPEND was specified on the request but VSAM held an active lock against the record, which would cause the request to wait
	ILLOGIC	110	A VSAM error has occurred which does not fall within one of the other CICS response categories
	IOERR	120	There has been an I/O error during the browse
	SYSIDERR	130	The SYSID option specified a name that has not been defined to CICS as a remote system (defined by defining a CONNECTION); or the link to the remote system is closed.
		131	The connection to the coupling facility data table server has failed
		132	The READPREV is issued against a coupling facility data table that no longer exists
	DUPKEY	140	A record has been retrieved by way of an alternate index with the NONUNIQUEKEY attribute, and another alternate index record with the same key exists
RECEIVE	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
RELEASE	PGMIDERR	1	A program, table, or map has no entry in the PPT
		2	A program, table, or map is disabled
		9	The installed program definition is for a remote program
	INVREQ	5	An invalid attempt has been made by a program to release itself

Command	Condition	RESP2	Meaning
		6	A RELEASE command has been issued for a program that is not loaded
		7	A RELEASE command has been issued for a program that is loaded, without the HOLD option, by another task or the program has been enabled as a global user exit
		17	A program has been defined with RELOAD=YES. It must be released by a FREEMAIN rather than a RELEASE command
		30	The program manager domain has not yet been initialized
RESETBR	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT
	INVREQ	25	The KEYLENGTH and GENERIC options are specified and the length specified in the KEYLENGTH option is greater than or equal to the length of a full key
		26	The KEYLENGTH option is specified (but the GENERIC option is not specified), and the specified length does not equal the length defined for the data set to which this file refers
		36	The REQID, if any, does not match that of any successful STARTBR command
		42	The KEYLENGTH and GENERIC options are specified, and the length specified in the KEYLENGTH option is less than zero
		44	The command does not conform to the format of RESETBR for a user-maintained or coupling facility data table
		51	A RESETBR command to a KSDS file that was being accessed in RLS mode specified the RBA keyword. RLS mode does not support RBA access to KSDS data sets
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOTFND	80	An attempt to retrieve a record based on the search argument provided has been unsuccessful
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	ILLOGIC	110	A VSAM error has occurred which does not fall within one of the other CICS response categories
	IOERR	120	There has been an I/O error during the file control operation

Command	Condition	RESP2	Meaning	
	SYSIDERR	130	The SYSID option specified a name that is neither the local nor the remote system (made known to CICS by defining a CONNECTION); <u>or</u> the link to the remote system is closed.	
		131	The connection to the coupling facility data table server has failed	
		132	The RESETBR is issued against a coupling facility data table that no longer exists	
RESYNC ENTRYNAME	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
RETURN	INVREQ	1	A RETURN command with the TRANSID option has been issued by a program that is not associated with a terminal	
		2	A RETURN command with the COMMAREA or IMMEDIATE option has been issued in a program that is not at the highest logical level	
		4	A RETURN command with the TRANSID option has been issued in a program that is associated with an APPC logical unit	
		8	A RETURN command with the INPUTMSG option has been issued for a program that is not associated with a terminal, or that is associated with an APPC logical unit, or an IRC session	
		30	PG domain is not initialized. Parameters are not allowed on the EXEC RETURN statement in first stage PLT programs	
		200	A RETURN command has been issued with an INPUTMSG option in a program invoked by DPL	
		LENGERR	11	The COMMAREA length is less than 0 or greater than 32763
			26	The COMMAREA ADDRESS passed was zero, but the commarea length was non-zero
			27	The INPUTMSG LENGTH was less than 0 or greater than 32767
		REWIND COUNTER	INVREQ	201
301	The server has reported an error code that is not understood by the named counter interface			
303	An unexpected error has occurred on a macro used to access the coupling facility			

Command	Condition	RESP2	Meaning
		304	The pool selection parameter specified in the program cannot resolve to a valid server name using the current options table
		305	The interface is unable to establish a connection the the server for the selected named counter pool
		306	An abend occurred during server processing of a request
		308	The DFHNCOPT options table module could not be loaded
		309	The named counter interface encountered an unknown entry format
		310	The user-exit program is not link-edited with the options table and cannot be loaded
		403	The POOL parameter contains invalid characters or embedded spaces
		404	The COUNTER parameter contains invalid characters or embedded spaces
		406	The INCREMENT value is invalid
	SUPPRESSED	102	The named counter has not yet reached its limit
REWRITE	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT
	LENGERR	10	The length option has not been specified for a file with variable-length records, <u>or</u> for a BDAM file with undefined format records
		12	The length specified exceeds the maximum record size
		14	An incorrect length is specified for a file with fixed-length records
	INVREQ	30	A REWRITE command has been issued without a token and no previous READ for UPDATE (also without a token) can be found
		46	A REWRITE command has attempted to change the length of a BDAM variable length record or block
		47	A REWRITE instruction included a token whose value cannot be matched against any token in use for an existing READ for UPDATE request
		55	NOSUSPEND is not allowed because the file is not a VSAM file accessed in RLS mode
		56	An attempt to update a recoverable coupling facility data table has failed because the current unit of work has already updated 1024 recoverable coupling facility data tables

Command	Condition	RESP2	Meaning
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOSPACE	100	No space is available on the direct access device for adding the updated record to the data set
		102	The maximum number of records specified for a recoverable coupling facility data table has been exceeded
		103	For user-maintained data tables, CICS is unable to get sufficient storage in the CICS address space to store the updated data table entry
		108	Insufficient space in the coupling facility data table pool to store the updated record
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	LOCKED	106	When updating a record via a base key or an alternate key, an attempt was made to modify an alternate key contained within the record (not the key by which the update was made) and the new value of the alternate key is the subject of a retained lock held by another transaction
	RECORDBUSY	107	The NOSUSPEND keyword was specified and the record was found to be locked by an active lock in VSAM
	ILLOGIC	110	A VSAM error has occurred which does not fall within one of the other CICS response categories
	IOERR	120	There has been an I/O error during the file control operation
	SYSIDERR	130	The SYSID option specified a name that is neither the local nor a remote system (made known to CICS by defining a CONNECTION); or the link to the remote system is closed.
		131	The connection to the coupling facility data table server has failed
		132	The REWRITE is issued against a coupling facility data table that no longer exists
	CHANGED	109	A REWRITE command is issued for a file that is defined as a coupling facility data table using the contention update model and the record has been changed since the application program read it for update
	DUPREC	150	An attempt has been made to rewrite a record to a data set whose upgrade set has an alternate index with the UNIQUEKEY attribute, if the corresponding alternate key already exists in the alternate index



Command	Condition	RESP2	Meaning
ROUTE	INVREQ	4	Hours are out of range
		5	Minutes are out of range
		6	Seconds are out of range
		200	BMS commands are not supported for distributed program link
SEND	INVREQ	200	A distributed program link server application has attempted to send on its function-shipping session (its principal facility) <u>or</u> , for SEND (APPC), a distributed program link server application has specified the function-shipping session (its principal facility) on the CONVID option
SEND CONTROL	INVREQ	200	A distributed program link server application has attempted to send on its function-shipping session (its principal facility)
SEND MAP	INVREQ	200	Command is not allowed for a distributed program link server program
SEND PAGE	INVREQ	200	Command is not allowed for a distributed program link server program
SEND PARTNSET	INVREQ	200	Command is not allowed for a distributed program link server program
SEND TEXT	INVREQ	200	Command is not allowed for a distributed program link server program
SEND TEXT MAPPED	INVREQ	200	A distributed program link server application has specified the function-shipping session (its principal facility) on the CONVID option
SEND TEXT NOEDIT	INVREQ	200	Command is not allowed for a distributed program link server program
SET AUTOINSTALL	INVREQ	1	VTAM is not in use in this system
		2	The MAXREQS value is not in the range 0-999
		4	One of the modules invoked by DFHZATDX (DFHZATA and DFHZATD) cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command

Command	Condition	RESP2	Meaning
	PGMIDERR	3	The program name cannot be found
SET CONNECTION	INVREQ	1	ACQSTATUS CONNSTATUS was specified for a non-APPC connection
		2	1. ACQUIRED specified with OUTSERVICE 2. ACQUIRED specified for OUTSERVICE connection 3. OUTSERVICE specified for ACQUIRED connection
		3	ACQSTATUS CONNSTATUS has an invalid CVDA value
		4	SERVSTATUS has an invalid CVDA value
		5	PENDSTATUS or NOTPENDING was specified for a connection that is not APPC or IRC
		6	PURGE was specified for connection that is not VTAM
		7	PURGETYPE has an invalid CVDA value
		8	PENDSTATUS has an invalid CVDA value
		11	SET command named a remote connection
		12	EXITTRACING has an invalid CVDA
		13	ZCPTRACING has an invalid CVDA
		14	EXITTRACING ZCPTRACING specified for a non-VTAM connection or VTAM not initialized
		16	The resource whose name was specified by CONNECTION(data-value) is an indirect link
		17	ACQSTATUS CONNSTATUS cannot be set when system initialized with ISC=NO
		18	NOTPENDING cannot be set for a connection which has successfully completed Exchange Lognames processing
		19	CONNSTATUS cannot be set to ACQUIRED when in the FREEING state
		20	COMMIT, BACKOUT, or FORCE is not valid for this type of connection
		21	BACKOUT or FORCE was specified, but was unsuccessful. Some UOWs remain shunted for this connection
		22	Other SET parameters were included with the CANCEL or FORCECANCEL option
		23	The resource whose name was specified by CONNECTION(name) is the local TCT system entry (TCTSE)
		25	Connection is still in service

Command	Condition	RESP2	Meaning
		26	RECOVSTATUS does not have a value of NORECOVDATA. ENDAFFINITY is invalid
		30	Wrong connection type for ENDAFFINITY. Affinities can exist only on LU6.1 and LU6.2 connections
		31	User PERFORM ENDAFFINITY. The NETID could not be obtained from the installed connection. Therefore, to end affinity you must use the PERFORM ENDAFFINITY command
		32	See message DFHZC0178. VTAM could not end the affinity for a reason other than 35 (NOTFOUND) or 36 (SESSIONS ACTIVE)
		35	VTAM could not find an affinity for this connection
		36	VTAM could not end the affinity because the connection had some sessions active
		37	See message DFHZC0176. A VTAM error prevented the CHANGE ENDAFFIN macro being carried out
		44	GRSTATUS is not set to REGISTERED or DEREGISTERED
		45	NORECOVDATA cannot be set for a connection that is in service
		46	NORECOVDATA was specified for a non-APPC connection
	SYSIDERR	9	The named connection could not be found
	IOERR	10	Unexpected error
	NORMAL	58	AIDs are successfully canceled
	NORMAL	59	No AIDs are canceled
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET DB2CONN	INVREQ	1	Invalid ACCOUNTREC value
		2	Invalid AUTHTYPE value
		3	Invalid BUSY value
		4	Invalid COMAUTHTYPE value
		5	Invalid CONNECTERROR value
		6	Invalid CONNECTST value
		7	Invalid NONTERMREL value
		9	Invalid PRIORITY value
		10	Invalid SECURITY value
		11	Invalid STANDBYMODE value
		12	Invalid THREADWAIT value
		13	Bad characters in AUTHID
		14	Bad characters in COMAUTHID
		15	Bad characters in DB2ID
		16	Bad characters in MSGQUEUE1
		17	Bad characters in MSGQUEUE2
		18	Bad characters in MSGQUEUE3
		19	Bad characters in PLAN
		20	Bad characters in PLANEXITNAME

Command	Condition	RESP2	Meaning
		21	Bad characters in SIGNID
		22	Bad characters in STATSQUEUE
		23	Both AUTHID and AUTHTYPE specified
		24	Both COMAUTHID and COMAUTHTYPE specified
		25	STANDBYMODE(NOCONNECT) and CONNECTERROR(SQLCODE) specified <b>or</b> CONNECTERROR(SQLCODE) specified when STANDBYMODE is NOCONNECT
		26	Both PLAN and PLANEXITNAME specified
		27	Invalid ACCOUNTREC value
		28	COMTHREADLIM exceeds TCBLIMIT or COMTHREADLIM > 2000 or COMTHREADLIM < 0
		29	PURGE CYCLE is too low; that is, < 30 seconds 1. or PURGE CYCLE minutes < 0 2. or PURGE CYCLE seconds < 0 3. or PURGE CYCLE minutes > 59 4. or PURGE CYCLE seconds > 59
		32	TCBLIMIT > 2000 or TCBLIMIT < 4
		33	THREADLIMIT exceeds TCBLIMIT or THREADLIMIT > 2000 or THREADLIMIT < 3
		34	Already connected
		35	RCT suffix not allowed
		36	RCT suffix not found
		37	Wrong level RCT
		39	DB2 not active
		40	Insufficient authorization
		41	Connection error
		42	Invalid INIT parms
		43	DB2ID cannot be set, CONN active
		44	DB2CONN partially discarded
		45	RCT suffix invalid
		46	SET NOTCONNECTED when the FORCE or WAIT option has been specified, but this transaction is itself using the CICS DB2 interface
	NORMAL	38	Waiting for DB2 (may occur following a CONNECTST with a CVDA of CONNECT)
	NOTFND	1	There is no DB2TRAN currently installed with the specified name
	NOTAUTH	100	Command authorization failure
		101	Surrogate authorization failure
		102	AUTHTYPE authorization failure
SET DB2ENTRY	INVREQ	2	Invalid ACTION value
		3	Invalid AUTHTYPE value
		4	Invalid BUSY value
		5	Invalid ENABLESTATUS value

Command	Condition	RESP2	Meaning
		7	Invalid PRIORITY value
		8	Invalid THREADWAIT value
		9	Bad characters in AUTHID
		10	Bad characters in PLAN
		11	Bad characters in PLANEXITNAME
		12	Both AUTHID and AUTHTYPE specified
		13	Both PLAN and PLANEXITNAME specified
		14	Entry is disabling
		15	PROTECTNUM greater than THREADLIMIT or PROTECTNUM < 0 or PROTECTNUM > 2000
		16	THREADWAIT must be TPOOL with THREADLIMIT=0
		17	THREADLIMIT > 2000 or THREADLIMIT < 0 or THREADLIMIT > TCBLIMIT
		18	Invalid ACCOUNTREC value
		19	SET DISABLED when the FORCE ir WAIT option has been specified, but this transaction itself is using the DB2ENTRY
	NOTAUTH	100	Command authorization failure
		101	Resource authorization failure
		102	Surrogate authorization failure
		103	AUTHTYPE authorization failure
	NOTFND	1	There is no DB2ENTRY currently installed with the specified name
SET DB2TRAN	INVREQ	2	Bad characters in TRANSID name
		3	TRANSID already exists in another installed DB2TRAN
		4	Bad characters in DB2ENTRY name
	NOTAUTH	100	Command authorization failure
		101	Resource authorization failure
		102	Surrogate authorization failure
		103	AUTHTYPE authorization failure
	NOTFND	1	There is no DB2TRAN currently installed with the specified name
SET DELETSHIPED	INVREQ	1	INTERVAL value is invalid
		2	INTERVALHRS value is not in the range 0-99
		3	INTERVALMINS value is invalid
		4	INTERVALSECS value is invalid
		5	IDLE value is invalid
		6	IDLEHRS value is not in the range 0-99
		7	IDLEMINS value is invalid
		8	IDLESECS value is invalid
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET DSNAME	DSNNOTFOUND	1	The named data set cannot be found
		15	RECOVERED was specified, but the data set was not found
	INVREQ	3	ACTION has an invalid CVDA value

Command	Condition	RESP2	Meaning
		10	REMOVE was specified, but the data set is associated with a file definition
		12	REMOVE was specified with another option. If you specify remove, it must be the only option present on the command
		13	REMOVE was specified but a lock was held on the data set by another INQUIRE or SET DSNAME command, or by CICS file control processing.
		14	RECOVERED was specified but CICS is not configured to support "backup while open" (BWO). Check that you have a version of MVS/DFP, DFHSM, and DFDSS that support BWO
		16	RECOVERED was specified but the data set has not been opened during this CICS session, so the BWO attributes in the ICF catalog cannot be set
		17	RECOVERED was specified for a BDAM data set, or a VSAM path. This is not supported
		18	RECOVERED was specified for a VSAM base data set that had FCTs open. This is not allowed.
		19	RECOVERED was specified for an unknown data set, or the data set was not in the 'forward recovered' state
		29	QUIESCESTATE is specified, but the operation is not supported because DFSMS 1.3, or later, is not installed
		30	QUIESCESTATE has an invalid CVDA value
		31	BUSY has an invalid CVDA value
		33	AVAILABILITY has an invalid CVDA value data
		34	A QUIESCESTATE value of QUIESCED or IMMQUIESCED is specified, but is rejected either because q quiesce or unquiesce is already taking place, or because DFSMSdss is currently taking a backup copy of the data set
		36	A QUIESCESTATE value of UNQUIESCED is specified, but is rejected by RLS either because an unquiesce is already taking place, or because DFSMSdss is currently taking a backup copy of the data set
		39	AVAILABILITY, QUIESCESTATE, RESETLOCKS or RETRY is specified for a data set that is a BDAM data set

Command	Condition	RESP2	Meaning
		40	The CICS control block (DSNB) describing the data set has been deleted (by the REMOVE option) by another task before CICS could process the SET command
		41	QUIESCESTATE is specified for a data set that is not known to DFSMS as a VSAM data set
		42	An invalid CVDA is specified for UOWACTION
		43	A QUIESCESTATE value of QUIESCED or IMMQUIESCED is specified without NOWAIT, and the issuing task has updated the data set, or is browsing the data set, in the same unit of work. This is not allowed because: <ul style="list-style-type: none"> <li>• For QUIESCED this would result in a deadlock</li> <li>• For IMMQUIESCED this would result in the issuing task being purged</li> </ul>
		44	A SET DSNNAME REMOVE command has been issued by another task. This has been detected after this SET DSNNAME command was issued, but before the AVAILABILITY option is processed
		46	FAILEDDBKOUT, which is obsolete, is specified
		47	No file has been opened against the data set since the last cold start of this CICS region, or since the file definition was installed for the data set
	IOERR	20	RECOVERED was specified but an error was raised on accessing the ICF catalog. Ensure that the specified data set is on an SMS managed DASD and is known to the SMS subsystem
		21	RECOVERED was specified but an error was raised by the CICS table manager program
		35	QUIESCESTATE is specified but the SMSVSAM server is not available
		40	QUIESCESTATE is specified, and an unexpected error occurred in DFSMS
		48	The specified operation cannot be completed because the data set is migrated. Recall the data set and re-issue the command
		49	An error was raised by DFSMS when reading the ICF Catalog to establish the base data set name

Command	Condition	RESP2	Meaning
	SUPPRESSED	37	A QUIESCESTATE value of QUIESCED or IMMQUIESCED is specified, but the quiesce of the data set is cancelled by another participating CICS region. This could be for one of the following reasons: <ul style="list-style-type: none"> <li>• A user issued a SET DSNAME UNQUIESCED command</li> <li>• AN XCFVSDS global user exit program suppressed the quiesce</li> <li>• AN XCFSREQ global user exit program suppressed the close of a file that is open against the data set</li> </ul>
		38	A QUIESCESTATE value of QUIESCED or IMMQUIESCED is specified, but the quiesce of the data set is cancelled by this CICS region because the quiesce operation timed out. This is probably due to a long-running transaction on another participating CICS region preventing the close of a file that is open against the data set
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET DUMPDS	INVREQ	1	INITIALDDS has an invalid value
		2	SWITCHSTATUS has an invalid CVDA value
		3	OPENSTATUS has an invalid CVDA value
	IOERR	4	OPEN or SWITCH caused an error opening a data set
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET ENQMODEL	INVREQ	2	The attempt to enable/disable an ENQMODEL failed, because a more generic ENQMODEL is enabled
		3	STATE has an invalid CVDA value
	IOERR	4	The ENQMODEL is in the WAITING state
	NOTFND	1	The specified ENQMODEL is not installed on this system
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET FILE	INVREQ	1	The named file is REMOTE
		2	The named file is not CLOSED
		3	The named file is not DISABLED
		4	ADD has an invalid CVDA value
		5	BROWSE has an invalid CVDA value
		6	BUSY has an invalid CVDA value
		7	DELETE has an invalid CVDA value



Command	Condition	RESP2	Meaning
		8	DISPOSITION has an invalid CVDA value
		9	EMPTYSTATUS has an invalid CVDA value
		10	LSRPOOLID was specified for a non-VSAM data set
		11	LSRPOOLID is not in the range 1–8, or the corresponding buffer is not defined
		12	READ has an invalid CVDA value
		13	STRINGS value is not in the range 1–255, or this is not a VSAM file
		14	UPDATE has an invalid CVDA value
		16	OPENSTATUS has an invalid CVDA value
		17	ENABLESTATUS has an invalid CVDA value
		19	DELETE has been specified for a non-VSAM file
		20	EMPTYSTATUS has been specified for a non-VSAM file
		21	CLOSED or DISABLED has been specified, but this transaction has an incomplete request against the file
		22	ENABLED was specified for a file that is currently DISABLING or UNENABLING
		23	EXCLUSIVE has an invalid CVDA value
		24	EXCLUSIVE has been specified for a non-BDAM file.
		28	OPEN, CLOSE, ENABLE or DISABLE has been specified but an exit program running at exit point XFCSREQ instructed CICS not to carry out the command
		29	TABLE has an invalid CVDA value
		30	MAXNUMREQS value is out of range
		31	The TABLE option is invalid for a BDAM file (must be VSAM for a data table.)
		32	The TABLE option is not valid for a file defined with the REUSE option
		33	The TABLE option is invalid for a file defined as UNBLOCKED
		34	The MAXNUMRECS option is invalid for a BDAM file (must be VSAM for a data table.)
		35	The MAXNUMRECS option is invalid for a file defined with the REUSE option
		36	The MAXNUMRECS option is invalid for a file defined as UNBLOCKED
		37	The TABLE option is invalid when LSRPOOL=0 is specified

Command	Condition	RESP2	Meaning
		39	The USERTABLE option is invalid when record format is not variable
		40	CONSISTENT or REPEATABLE is specified for a file that is not accessed in RLS mode
		41	The DSNB cannot be disconnected for this file because the file has deferred work outstanding, for which there are retained locks. This means there is at least one shunted UOW, awaiting completion, that has made changes to this file
		42	The SET FILE request cannot be satisfied because the file has deferred work outstanding, for which there are retained locks. This means there is at least one shunted UOW, awaiting completion, that has made changes to this file. The only valid options when a file has deferred work pending are those that change the file state. File state changes are permitted because they may be required to enable the deferred work to be completed
		43	The file cannot be discarded because it has deferred work outstanding, for which there are retained locks. This means there is at least one shunted UOW, awaiting completion, that has made changes to this file
		44	A file open request cannot be satisfied because the file references a data set that has been marked as unavailable by a SET DSNAME UNAVAILABLE command
		45	A file open request cannot be satisfied because the file references an RLS-mode data set that has been quiesced by a SET DSNAME QUIESCED command
		46	A file open request cannot be satisfied because the file references an RLS-mode data set that is being copied by a DFSMSdss-initiated non-BWO backup
		47	A file open request cannot be satisfied because the file references an RLS-mode data set that is in the process of quiescing by a SET DSNAME QUIESCED command
		48	A file open request cannot be satisfied because the file references a data set for which its ICF Catalog entry indicates that a recovery is pending, or is in progress (for example, a CICSVR job is running)

Command	Condition	RESP2	Meaning
		49	An invalid CVDA is specified for the READINTEG option
		50	An attempt has been made to open an RLS file when RLS is not supported
		51	An invalid CVDA is specified for the RLSACCESS option
		52	An attempt has been made to specify RLS access for a BDAM data set
		53	An attempt has been made to specify a CICS-maintained data table for a file defined with RLS access
		54	A file open request cannot be satisfied because of one of the following reasons: <ul style="list-style-type: none"> <li>the file is being opened in RLS mode and this region has other files open in non-RLS mode against the data set which it references</li> <li>the file is being opened in non-RLS mode and this region has other files open in RLS mode against the data set which it references</li> <li>the file is being opened in non-RLS mode and this region has unresolved RLS recovery work against the data set which it references</li> </ul>
		55	LOADTYPE has an invalid CVDA value
		56	UPDATEMODEL has an invalid CVDA value
		57	EMPTYSTATUS has a CVDA value that is not allowed for a coupling facility data table. EMPTYSTATUS must be NOEMPTYREQ for a coupling facility data table.
		58	CFDTPPOOL is not specified for a file that refers to a coupling facility data table.
		59	KEYLENGTH is not specified for a file that refers to a coupling facility data table, and which specifies LOAD=NO
		60	An invalid KEYLENGTH is specified
		61	RECORDSIZE is not specified for a file that refers to a coupling facility data table that specifies LOAD=NO
		62	An invalid RECORDSIZE is specified

Command	Condition	RESP2	Meaning
		63	Open is specified for a file that refers to a coupling facility data table, but OPEN processing has failed because: <ul style="list-style-type: none"> <li>The file attributes do not match those specified when the CFDT was created, or</li> <li>A KEYLENGTH or RECORDSIZE has been specified that exceeds the maximum supported</li> </ul>
		64	OPEN is specified for a file that refers to a coupling facility data table, but OPEN processing has failed because the server is not available
		65	An invalid CDFTPOOL name is specified
		66	An invalid TABLE name is specified
		67	An UPDATEMODEL of CONTENTION is specified for a recoverable coupling facility data table. The update model must be LOCKING for a coupling facility data table that is recoverable
	FILENOTFOUND	18	The named file cannot be found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
	IOERR	*	OPEN has failed in VSAM, and the RESP2 field contains a VSAM response code
		*	CLOSE has failed in VSAM, and the RESP2 field contains a VSAM response code
SET IRC	INVREQ	1	A program required for IRC, DFHCRSP, is unavailable
		2	OPENSTATUS has an invalid CVDA value
		4	CICS was initialized without IRC support (ISC=NO)
		5	No connection has been defined
		6	The VTAM APPLID for this CICS is blanks; IRC requires a non-blank APPLID
		7	Another CICS using IRC has the same VTAM APPLID as this one; unique names are required
		8	IRC rejected the open of this CICS because it had already reached the maximum number of logons
		18	IRC support (the DFHIRP module) is below the level required by this CICS system

Command	Condition	RESP2	Meaning	
	NOSTG	9	CICS storage is insufficient for the request	
		10	MVS storage is insufficient (SVC block request rejected)	
		11	MVS storage is insufficient (SUBSYS block request rejected)	
	IOERR	12	IRC initialization failed	
		13	The log on to IRC failed	
		14	An attempt to attach the node error transaction, CSNC, failed	
		15	An error occurred closing IRC	
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
	SET JOURNALNAME	JIDERR	1	The specified journal name was not found
2			An error occurred during an attempt to define the log stream associated with the journal name, <b>or</b> the journal name was incorrectly specified	
3			The specified journal name refers to a DASD-only log stream to which a CICS region in another MVS image is currently connected.	
INVREQ		2	The request is invalid	
		3	The system log cannot be changed	
		4	The ACTION option has an invalid CVDA value	
		5	The STATUS option has an invalid CVDA value	
		n	The ACTION option specifies FLUSH or REST for a journal that is not currently connected to a log stream	
IOERR		6	Either the log stream associated with the journal name cannot be opened, or the journal cannot be opened, or an unrecoverable error has occurred during the flushing of the log buffer to the log stream	
NOTAUTH		100	The user associated with the issuing task is not authorized to use this command	
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command	
SET JOURNALNUM		JIDERR	1	There are no valid options supported by this command, which is obsolete. Use the SET JOURNALNAME command
SET MODENAME		SYSIDERR	1	The connection cannot be found
	2		The MODENAME within the connection cannot be found	
	INVREQ	3	MODENAME 'SNASVCMG' was specified	

Command	Condition	RESP2	Meaning
		4	The AVAILABLE value is out of range
		5	AVAILABLE was specified but CICS is not in session on this connection
		6	CLOSED was specified with AVAILABLE
		7	ACQSTATUS has an invalid CVDA value
		8	This is not a parallel-session APPC group
		9	ACQUIRED was specified but CICS is not in session on this connection
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET MONITOR	INVREQ	1	STATUS has an invalid CVDA value
		2	PERFCLASS has an invalid CVDA value
		3	EXCEPTCLASS has an invalid CVDA value
		4	EVENTCLASS has an invalid CVDA value
		5	CONVERSEST has an invalid CVDA value
		6	SYNCPOINTST has an invalid CVDA value
		7	The FREQUENCY value is invalid <ul style="list-style-type: none"> <li>Hours exceed 24, minutes or seconds exceed 59, or total value is out of range</li> </ul>
		8	The FREQUENCYHRS value is out of range
		9	The FREQUENCYMIN value is out of range
		10	The FREQUENCYSEC value is out of range
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET NETNAME	INVREQ	27	EXITTRACING has an invalid CVDA value
		29	The terminal is not a VTAM terminal
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET PROGRAM	INVREQ	1	DISABLED or DPLSUBSET was specified for a program beginning 'DFH'
		2	STATUS has an invalid CVDA value
		3	NEWCOPY was specified and RESCOUNT is not equal to zero
		4	SHARESTATUS has an invalid CVDA value
		5	COPY has an invalid CVDA value

Command	Condition	RESP2	Meaning
		6	COPY was specified for a module currently loaded with the HOLD option
		9	CEDFSTATUS has an invalid CVDA value
		17	You have specified an option that is invalid for a remote program (CEDFSTATUS, COPY, EXECUTIONSET or SHARESTATUS)
		18	You have specified an option that is invalid for a map set (CEDFSTATUS or EXECUTIONSET)
		19	You have specified an option that is invalid for a partition set (CEDFSTATUS or EXECUTIONSET)
		20	EXECUTIONSET has an invalid CVDA
	PGMIDERR	7	The program, map set, or partition set cannot be found
	IOERR	8	The COPY option was specified but CICS could not locate the module
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
SET STATISTICS	INVREQ	1	The INTERVAL value is out of range
		2	The ENDOFDAY value is out of range
		3	RECORDING has an invalid CVDA value
		4	The INTERVALHRS value is out of range
		5	The INTERVALMINS value is out of range
		6	The INTERVALSECS value is out of range
		7	More than one of the interval values has been used and the combination either exceeds 24 hours or is less than 1 minute
		8	The ENDOFDAYHRS value is out of range
		9	The ENDOFDAYMINS value is out of range
		10	The ENDOFDAYSECS value is out of range
		11	RESETNOW or RECORDNOW has been specified, but the RECORDING state has not been changed
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET SYSDUMPCODE	NOTFND	1	The dump code cannot be found

Command	Condition	RESP2	Meaning		
	INVREQ	2	ACTION has an invalid CVDA value		
		4	SYSDUMPING has an invalid CVDA value		
		5	The MAXIMUM value is out of range		
		6	SHUTOPTION has an invalid CVDA value		
		7	REMOVE is specified with other options		
		9	The dump code is invalid		
		13	DUMPSCOPE has an invalid CVDA value		
		14	RELATED requires MVS/ESA 5.1		
		15	DAEOPTION has an invalid CVDA value		
		DUPREC	10	ADD is specified for a dump code already in the system dump table	
		IOERR	11	An error occurred updating the CICS catalog. The entry is changed for the current run, but is not recorded for restarts	
		NOSPACE	12	The CICS catalog full. The entry is changed for the current run, but is not recorded for restarts	
		NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
		SET SYSTEM	INVREQ	1	The MAXTASKS value is out of range
				3	The AKP value is out of range
5	TIME is not in the range 100–3600000				
6	The RUNAWAY value is out of range				
7	MROBATCH is not in the range 1–255				
9	DUMPING has an invalid CVDA value				
12	AKP was specified, but CICS was initialized without keypointing				
13	TIME is less than SCANDELAY				
14	PRTYAGING is not in the range 0–65535				
15	SCANDELAY is not in the range 0–5000				
20	DSALIMIT is not in the range 2MB to 16MB				
21	EDSALIMIT is not in the range 10MB to 2GB				
22	There is insufficient MVS storage to allocate DSALIMIT				
23	There is insufficient MVS storage to allocate EDSALIMIT				
LENGERR	20			The GMMLLENGTH value is out of range	
NOSTG	16	CICS reduced the value you requested for MAXTASKS because of storage constraints; see the NEWMAXTASKS option			



Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET TASK	TASKIDERR	1	The task cannot be found
		2	The task is protected by CICS and not eligible for modification with this command
	INVREQ	3	PURGETYPE has an invalid CVDA value
		4	PRIORITY is not in the range 0–255
		5	The task is not in a valid state for purging
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET TCLASS	TCIDERR	1	The transaction class cannot be found
	INVREQ	2	The MAXIMUM value is not in the range 0–999
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET TCPIP	INVREQ	4	TCPIP not available (TCPIP=NO)
		5	TCPIP already closed (for SET CLOSED   IMMCLOSE)
		6	TCPIP already open (for SET OPEN)
		11	STATUS has an invalid CVDA value
		12	The OPEN request did not complete because another task subsequently requested a CLSOE of CICS internal sockets support
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET TCPIPSERVICE	INVREQ	4	TCPIP is not available (TCPIP=NO)
		4	TCPIP status is closed
		7	Port in use
		8	CICS is not authorized to use this port
		9	TCPIPSERVICE not closed
		10	Unknown IP address
		11	Invalid value specified in an operand of the SET command (either the STATUS or the URMname is wrong)
	12	Invalid status	
	NOTFND	3	The named TCPIPSERVICE is not found
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET TDQUEUE	QIDERR	1	The queue cannot be found
	INVREQ	2	TRIGGERLEVEL was specified for an extrapartition queue
		3	The TRIGGERLEVEL value is not in the range 0–32767

Command	Condition	RESP2	Meaning
		4	ATITERMID was specified for an extrapartition queue
		5	ATITRANID was specified for an extrapartition queue
		6	ATIFACILITY was specified for an extrapartition queue
		7	ATIFACILITY has an invalid CVDA value
		8	OPENSTATUS has an invalid CVDA value
		9	OPENSTATUS was specified for an intrapartition queue
		10	ENABLESTATUS has an invalid CVDA value
		12	The queue is remote
		13	The queue is indirect
		15	OPENSTATUS was specified for a DISABLED queue
		16	OPENSTATUS was specified, but the JCL DDNAME to which the queue definition points was not found
		18	SET not possible because the queue was not closed
		19	ATIUSERID was specified for an extrapartition queue
		20	The ESM interface is not initialized
		21	CICS has received an unknown response from the ESM
		22	The ESM did not respond
		30	Disabled pending condition
		31	SET not possible because the queue was not disabled
		35	SET not possible because the queue is in-doubt
		40	SET not possible because the queue is CXRF
	IOERR	14	An error occurred opening or closing the data set associated with the queue
		17	The queue cannot be set CLOSED because there is no space in the associated data set
	NOTAUTH	23	The user named on the ATIUSERID option is not authorized
		24	The user named in the ATIUSERID has been revoked
		25	During SECLABEL processing by the external security manager, an error occurred. For information about security labels, see the <i>OS/390 Security Server (RACF) Security Administrator's Guide</i> , SC28-1915
		27	The user named in the ATIUSERID option is not allowed to access the queue

Command	Condition	RESP2	Meaning
		100	The user associated with the issuing task is not authorized to use this command
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
		102	The user associated with the issuing task is not an authorized surrogate for the user specified in ATIUSERID
	USERIDERR	28	The user named in ATIUSERID is not known to the ESM
SET TERMINAL	INVREQ	1	TERMSTATUS or ACQSTATUS was specified for IRC sessions or non-VTAM terminal
		2	TERMSTATUS or ACQSTATUS has an invalid CVDA value
		4	ATISTATUS has an invalid CVDA value
		5	ATISTATUS change would result in NOATI and NOTTI
		6	CREATESESS was specified for non-VTAM terminal
		7	CREATESESS has an invalid CVDA value
		9	PAGESTATUS has an invalid CVDA value
		11	Trying to put the issuing terminal OUTSERVICE
		13	SERVSTATUS has an invalid CVDA value
		15	TERMPRIORITY value not in range 0-255
		17	NOTTI cannot be specified for the issuing terminal
		18	TTISTATUS has an invalid CVDA value
		21	PURGETYPE has an invalid CVDA value
		22	TRACING has an invalid CVDA value
		24	Invalid option requested for a remote terminal
		25	ACQUIRED specified, but terminal is not inservice
		26	PURGE specified, but target task has SPURGE=NO on its associated transaction definition
		27	EXITTRACING has an invalid CVDA value
		28	ZCPTRACING has an invalid CVDA value
		29	EXITTRACING or ZCPTRACING specified for non-VTAM terminal (or VTAM not installed)
		31	This is a remote terminal with no associated surrogate

Command	Condition	RESP2	Meaning
		33	SET TERMINAL is not valid for an LU6.2 (APPC) session
		34	A permanent transaction has been defined for this terminal (TRANSACTION operand in TERMINAL definition)
		35	Attempt made to change TCAM CONTROL on non-TCAM terminal
		36	Invalid value supplied for TCAM CONTROL
		37	Preset signon failed, terminal remains OUTSERVICE
		38	OBFORMATST has an invalid CVDA value
		39	RELREQST has an invalid CVDA value
		40	DISCREQST has an invalid CVDA value
		41	ALTPRTCOPYST has an invalid CVDA value
		42	PRTCOPYST has an invalid CVDA value
		43	UCTRANST has an invalid CVDA value
		44	Options would result in the invalid combination of the alternate printer copy status being set without an alternate printer defined
		45	Options would result in the invalid combination of the alternate printer being defined without a primary printer defined
		46	OBFORMATST is specified for a console or 3790
		48	Options would result in the invalid combination of the printer copy status being set without a primary printer defined
		50	VTAM not available for VTAM terminal
		51	PRINTER and ALTPRINTER option specified for a non-3270 terminal
		52	PRTCOPYST of ALTPRTCOPST option specified for a non-3270 terminal
		54	Option other than PURGETYPE specified for IRC session
		57	Other SET parameters were included with the CANCEL option
	NORMAL	53	Purge deferred
		58	AIDs are successfully canceled
		59	No AIDs are canceled
		60	MAPNAME or MAPSETNAME specified, but the terminal is not of a type supported by BMS
	TERMIDERR	23	The named terminal cannot be found

Command	Condition	RESP2	Meaning	
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
SET TRACEDEST	INVREQ	1	INSTATUS has an invalid CVDA value	
		2	A TABLESIZE value of < -1 has been specified	
		3	AUXSTATUS has an invalid CVDA value	
		4	SWITCHSTATUS has an invalid CVDA value	
		5	GTFSTATUS has an invalid CVDA value	
		6	AUXPAUSE was specified, but auxiliary tracing is not active	
		11	SWITCHACTION has an invalid CVDA value	
		IOERR	10	A SWITCH request or a SET AUXSTART request resulted in an "open" error for the trace data set
		NOSPACE	7	There is insufficient space for a new trace table
		NOSTG	8	There is insufficient space for an auxiliary trace buffer
				9
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
SET TRACEFLAG	INVREQ	1	SYSTEMSTATUS has an invalid CVDA value	
		2	USERSTATUS has an invalid CVDA value	
		3	SINGLESTATUS has an invalid CVDA value	
		4	TCEXITSTATUS has an invalid CVDA value	
		5	TCEXITSTATUS is specified but VTAM is not installed	
		NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET TRACETYPE	NOTFND	1	At least one CICS component was not accessible. Trace levels were set for the other components	
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
SET TRANCLASS	INVREQ	2	The MAXACTIVE value is not in the range 0-999	
		3	The PURGETHRESH value is not in the range 0-1000000	

Command	Condition	RESP2	Meaning
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
	TCIDERR	1	The transaction class cannot be found
SET TRANDUMPCODE	NOTFND	1	The dump code cannot be found
	INVREQ	2	ACTION has an invalid CVDA value
		3	TRANDUMPING has an invalid CVDA value
		4	SYSDUMPING has an invalid CVDA value
		5	The MAXIMUM value is out of range
		6	SHUTOPTION has an invalid CVDA value
		7	REMOVE is specified with other options
		9	The dump code is invalid
		13	DUMPSCOPE has an invalid CVDA value
		14	RELATED requires MVS/ESA 5.1
	DUPREC	10	ADD is specified for a dump code already in the transaction dump table
	IOERR	11	An error occurred updating the CICS catalog. The entry is changed for the current run, but is not recorded for restarts
	NOSPACE	12	The CICS catalog is full. The entry is changed for the current run, but is not recorded for restarts
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET TRANSACTION	TRANSIDERR	1	The transaction cannot be found
	INVREQ	2	PURGEABILITY has an invalid CVDA value
		3	STATUS has an invalid CVDA value
		4	DISABLED has been specified for a CICS-supplied transaction
		5	The TCLASS or TRANCLASS name is not known
		7	Tracing has an invalid CVDA value
		8	DUMPING has an invalid CVDA value
		9	The PRIORITY value is out of range
		10	RUNAWAYTYPE has an invalid CVDA value
		11	SHUTDOWN has an invalid CVDA value
		12	USER has been specified without a RUNAWAY value
		13	RUNAWAY has been specified without a RUNAWAYTYPE value of USER
		14	The RUNAWAY value is out of range

Command	Condition	RESP2	Meaning	
SET TSQUEUE/TSQNAME	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command	
		101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command	
	NOTFND	1	The TSQUEUE cannot be found	
		INVREQ	1	The TSQUEUE was not deleted because LASTUSEDINIT was greater than the interval, or because the TSQUEUE is in use
			2	The action specified was not DELETE
			3	LASTUSEDINIT was specified but has an interval value; that is, a negative value
		4	The filetype was not valid for the specified operation	
		POOLERR	0	POOLNAME was specified but the pool could not be accessed
		QIDERR	1	The QUEUE name was invalid (it was binary zeroes)
		SYSIDERR	0	SYSID was specified but there was no corresponding pool, or the pool was unavailable
			3	The SYSID does not map to a shared pool
		NOTAUTH	5	I/O error on the coupling facility
	100		The user associated with the issuing task is not authorized to use this command	
	SET UOW	UOWNOTFOUND	101	The user associated with the issuing task is not authorized to access this particular resource in the way required by this command
1			The UOW cannot be found	
3			UOWSTATE has an invalid CVDA value	
INVREQ		4	CICS is not in a valid state to COMMIT, BACKOUT, or FORCE this UOW	
		100	The use of this command is not authorized	
SET UOWLINK	UOWNOTFOUND	1	The specified UOW-link cannot be found	
	INVREQ	2	Resynchronization is already in progress, or the UOW-link is already being processed by another instance of the SET UOWLINK command	

Command	Condition	RESP2	Meaning
		3	The UOW is in-doubt, and the UOW-link is the coordinator of the commit or backout session. The UOW must be forced using the SET UOW command before the UOW-link can be deleted
		4	This is not a link created by a connection, or is not a recoverable link
		5	The UOW-link (and the associated communication session) is still active
		6	ACTION has an invalid CVDA value
		7	The UOW-link has a suitable connection definition, and cannot be deleted
	NOTAUTH	100	The use of this command is not authorized
SET VOLUME	VOLIDERR	1	This command is obsolete, and is retained only for compatibility with releases of CICS earlier than CICS for MVS/ESA 5.1. It has no equivalent function in CICS for MVS/ESA 5.1 or later releases
SET VTAM	INVREQ	1	VTAM is not present in the system
		2	OPENSTATUS has an invalid CVDA value
		4	The PSDINTERVAL value is out of range
		5	The PSDINTHRS value is out of range
		6	The PSDINTMINS value is out of range
		7	The PSDINTSECS value is out of range
		8	A PSDINTERVAL value > 0 was specified in an XRF-eligible system
		9	VTAM reported an error while an attempt was being made to set the PSD interval
		10	A PSD interval has been specified but either the VTAM currently in use (or the VTAM library used when the terminal control table was assembled) does not support persistent sessions. The interval may have been specified earlier than this command; see the PSDINTERVAL description. If OPEN was also requested, CICS has opened the VTAM ACB
		11	The ACB has opened successfully, but an error occurred in at least one of the sessions that persisted from the previous failure



Command	Condition	RESP2	Meaning
		12	Your OPEN request did not complete because another task subsequently requested a close of the VTAM connection
		13	An error occurred during recovery of sessions, and the VTAM ACB will be closed as a result
		14	CICS is performing cleanup processing following a predatory XRF takeover. CICS rejects OPEN requests with this error, without invoking VTAM, during this activity. OPEN requests are processed as usual as soon as cleanup is complete
		16	Your attempt to deregister CICS from a VTAM generic resource failed because CICS is not registered as a member of a generic resource group
	IOERR	n	An error occurred during the opening of the ACB. If CICS could not process the request, the RESP2 value is 3. If VTAM detects the failure, CICS returns the VTAM FDBK2 code in RESP2: you can look up these errors in the <i>VTAM Programming</i> manual, under ACB OPEN and CLOSE return codes
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SET WEB	INVREQ	11	An invalid value has been supplied for STATUS, GARBAGEINT or TIMEOUTINT
	NOTAUTH	100	The user associated with the issuing task is not authorized to use this command
SIGNOFF	INVREQ	1	No user is currently signed on
		2	There is no terminal with this task
		3	This task's terminal has preset security
		4	Signoff is attempted using transaction routing without using the CRTE transaction
		18	The CICS ESM interface not initialized
		200	Command not allowed for a distributed program link server program
SIGNON	NOTAUTH	1	A password is required
		2	The supplied password is wrong
		3	A new password is required
		4	The new password is not acceptable
		5	An OIACARD is required
		6	The supplied OIACARD is wrong

Command	Condition	RESP2	Meaning
		16	The USERID is not authorized to use this terminal
		17	The USERID is not authorized to use the application
		19	The USERID is revoked
		20	The USERID's access to the specified group has been revoked
		21	The signon failed during SECLABEL checking
		22	The signon failed because ESM is not currently accepting signons
		23	The GROUPID is not known to the ESM
		24	The USERID is not contained in the GROUPID
	INVREQ	9	The terminal already signed on
		10	No terminal associated with this task
		11	This task's terminal has preset security
		12	The response from CICS security modules is unrecognized
		13	There is an unknown return code in ESMRESP from the external security manager
		14	The required national language is not available
		15	Signon attempted via transaction routing without using the CRTE transaction
		18	The CICS ESM interface is not initialized
		25	The terminal is of an invalid type
		26	An error occurred during SNSCOPE checking
		27	The ESM is not active
		28	The required national language is invalid
		29	The user is already signed on. This relates to the signon scope checking
		200	Command not allowed for a distributed program link server program
	USERIDERR	8	The USERID is not known to external security manager
		30	The USERID is all blanks or nulls
SPOOLCLOSE	INVREQ	4	Unsupported language
		8	Unsupported function
		40	Subsystem interface already enabled <b>Note:</b> Errors 1024 and over are internal and should not occur. If one of these error codes is returned, contact your IBM support center.
	NOSPOOL	4	No subsystem present
		8	Interface being disabled; CICS is quiescing

Command	Condition	RESP2	Meaning	
		12	Interface has been stopped	
	NOTOPEN	8	Dataset has not been opened	
	NOTFND	1024	Input or output function has been corrupted, and SPOOLCLOSE could not complete	
SPOOLOPEN INPUT	ILLOGIC INVREQ	3	Invalid CLASS value specified	
		4	Unsupported language	
		8	Unsupported function	
		16	USERID missing	
		36	INPUT OUTPUT missing	
		40	Subsystem interface already enabled <b>Note:</b> Errors 1024 and over are internal and should not occur. If one of these error codes is returned, contact your IBM support center.	
	NOSPOOL	4	No subsystem present	
		8	Interface being disabled; CICS is quiescing	
	NOTFND	12	Interface has been stopped	
		4	No data sets could be located for retrieval for the specified external writer name	
			1024	Input or output function has been corrupted, and SPOOLCLOSE could not complete
	NOTOPEN		8	Data set has not been opened or a task which has not issued the SPOOLOPEN for a spool data set has attempted to access it.
		1024	Subtask OPEN macro failure	
OPENERR		4	A VSAM SHOWCB macro failed to return the lengths of the VSAM control blocks used to access the JES spool file.	
	SPOLBUSY	4	Interface already in use by another task	
		8	Interface already in use by current task	
SPOOLOPEN OUTPUT	ILLOGIC INVREQ		Invalid CLASS value specified	
		4	Unsupported language	
		8	Unsupported function	
		16	USERID missing	
		20	NODE missing	
		36	INPUT OUTPUT missing	
	40	Subsystem interface already enabled <b>Note:</b> Errors 1024 and over are internal and should not occur. If one of these error codes is returned contact your IBM support center.		
	44	Error in the OUTDESCR string		
	48	OUTDESCR specified but function not available (wrong level of MVS or JES)		
	52	OUTDESCR specified but bad pointer found on keyword or in OUTDESCR condition		
NOSPOOL	4	No subsystem present		

Command	Condition	RESP2	Meaning
SPOOLREAD		8	Interface being disabled; CICS is quiescing
		12	Interface has been stopped
		4	No data sets could be located for retrieval for the specified external writer name
		8	Data set has not been opened
		1024	Subtask OPEN macro failure
		4	A VSAM SHOWCB macro failed to return the lengths of the VSAM control blocks used to access the JES spool file.
		4	Interface already in use by another task
		8	Interface already in use by current task
		3	Invalid CLASS value specified
		4	Unsupported language
		8	Unsupported function
		12	Read attempt after end of file
		24	INTO missing
		40	Subsystem interface already enabled. <b>Note:</b> Errors 1024 and over are internal, and should not occur. If one of these error codes is returned, contact your IBM support center.
SPOOLWRITE		4	No subsystem present
		8	Interface being disabled; CICS is quiescing
		12	Interface has been stopped
		4	No data sets could be located for retrieval for the specified external writer name
		8	Data set has not been opened
		12	Attempt to read an output file
		1024	Subtask OPEN macro failure
		4	Interface already in use by another task
		8	Interface already in use by current task
		4	Unsupported language
		8	Unsupported function
		28	FROM missing
		40	Subsystem interface already enabled. <b>Note:</b> Errors 1024 and over are internal, and should not occur. If one of these error codes is returned, contact your IBM support center.
		SPOOLWRITE	NOSPOOL
8	Interface being disabled; CICS is quiescing		
12	Interface has been stopped		
8	Spool report has not been opened		
16	Attempt to write an input file		
1024	Subtask OPEN macro failure		

Command	Condition	RESP2	Meaning
	SPOLBUSY	4	Interface already in use by another task
		8	Interface already in use by current task
START	INVREQ	4	Hours are out of range
		5	Minutes are out of range
		6	Seconds are out of range
		18	A USERID was specified and the CICS external security manager interface is not initialized
	NOTAUTH	7	A resource security check has failed on TRANSID(name)
		9	A surrogate user security check has failed on USERID(name)
USERIDERR	8	The specified USERID is not known to the external security manager	
	10	The external security manager is in a state such that CICS cannot determine whether a specified USERID is valid	
START ATTACH	INVREQ	11	An attempt was made to route a START ATTACH request
	NOTAUTH	7	A resource security check fails on TRANSID (name)
START BREXIT	INVREQ	11	An attempt was made to route a START BREXIT request
		12	A START BREXIT request has failed
		18	A USERID is specified and the CICS external security manager interface is not initialized
	NOTAUTH	7	A resource security check fails on TRANSID (name)
		9	A surrogate user security check fails on USERID (name)
	USERIDERR	8	The specified USERID is not known to the external security manager
10	The external security manager is in a state such that CICS cannot determine whether a specified USERID is valid		
STARTBR	FILENOTFOUND	1	A file name referred to in the FILE option cannot be found in the FCT and SYSID has not been specified
	INVREQ	20	Browse operations are not allowed according to the file entry specification in the FCT

Command	Condition	RESP2	Meaning
		25	The KEYLENGTH and GENERIC options are specified, and the length defined for the data set to which this file specified in the KEYLENGTH option is greater than or equal to the length of a full key
		26	The KEYLENGTH option is specified (but the GENERIC option is not specified), and the specified length does not equal the length defined for the data set to which this file refers
		33	An attempt has been made to start a browse with a REQID already in use for another browse
		42	The KEYLENGTH and GENERIC options are specified, and the length specified in the KEYLENGTH option is less than zero
		44	The specified file is a user-maintained data table
		51	A STARTBR command to a KSDS file that was being accessed in RLS mode specified the RBA keyword. RLS mode does not support RBA access to KSDS files
	DISABLED	50	File is disabled
	NOTOPEN	60	The requested file is CLOSED and UNENABLED or the requested file is OPEN and in use by other transactions, but a CLOSE request against it has been received or a STARTBR command was issued against a data set that is quiesced, or is being quiesced, as a result of a SET DSNNAME QUIESCED or IMMQUIESCED command
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOTFND	80	An attempt to position on a record based on the search argument provided was unsuccessful
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	LOADING	104	A STARTBR was issued to a coupling facility data table that is currently being loaded or the READ specifies the GENERIC or GTEQ options for a user-maintained data table
	ILLOGIC	110	A VSAM error has occurred which does not fall within one of the other CICS response categories
	IOERR	120	There has been an I/O error during the file control operation

Command	Condition	RESP2	Meaning
	SYSIDERR	130	The SYSID option specified a name that is neither the local nor a remote system (made known to CICS by defining a CONNECTION); <u>or</u> the link to the remote system is closed.
		131	The connection to the coupling facility data table server has failed
		132	The start browse is operating on a coupling facility data table that no longer exists
SYNCPOINT	INVREQ	200	SYNCPOINT was in a program that is linked to from a remote system that has not specified the SYNCONRETURN option, or it was linked to locally and is defined with EXECUTIONSET=DPLSUBSET
SYNCPOINT ROLLBACK	INVREQ	200	SYNCPOINT ROLLBACK was in a program that is linked to from a remote system that has not specified the SYNCONRETURN option, or it was linked to locally and is defined with EXECUTIONSET=DPLSUBSET
UNLOCK	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT and SYSID has not been specified
	INVREQ	47	An unlock included a token whose value cannot be matched against any token in use for an existing READ for UPDATE request
		48	An attempt is made to function-ship a request which includes a TOKEN keyword
	DISABLED	50	A file is disabled
	NOTOPEN	60	The requested file is CLOSED and UNENABLED <u>or</u> the requested file is OPEN and in use by other transactions, but a close request against it has been received
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	ILLOGIC (VSAM and CICS-maintained data tables)	110	A VSAM error has occurred which does not fall within one of the other CICS response categories
	IOERR	120	There has been an I/O error during the file control operation
	SYSIDERR	130	The SYSID option specified a name that is neither the local nor a remote system (made known to CICS by defining a CONNECTION); <u>or</u> the link to the remote system is closed.
		131	The connection to the coupling facility data table server has failed

Command	Condition	RESP2	Meaning
		132	The UNLOCK is issued against a coupling facility data table that no longer exists
UPDATE COUNTER	INVREQ	201	Named counter not found
		301	The server has reported an error that is not understood by the named counter interface
		303	An unexpected error has occurred on a macro used to access the coupling facility
		304	The pool parameter specified in the program cannot be resolved to a valid server name using the current options table
		305	The interface is unable to establish a connection to the server for the selected named counter pool
		306	An abend occurred during server processing of a request
		308	The DFHNCOPT options macro table module could not be loaded
		309	The named counter interface encountered an unknown entry format
		310	The user exit program is not link-edited with the options table and cannot be loaded
		403	The POOL parameter contains invalid characters or embedded spaces
		404	The COUNTER parameter contains invalid characters or embedded spaces
		406	The VALUE parameter is invalid
		103	The current value of the named counter is not within the range specified by the COMPAREMAX and COMPAREMIN parameters, when both are specified <u>or</u> greater than the COMPAREMAX parameter or less than the COMPAREMIN parameter, when only one option is specified
		VERIFY PASSWORD	NOTAUTH
3	A new password is required		
19	The USERID is revoked		
USERIDERR	8		The USERID is not known to the external security manager
	INVREQ		13
18			The CICS external security manager interface is not initialized
29	The external security manager is not responding		



Command	Condition	RESP2	Meaning
		32	The userid field contains a blank character in an invalid position
WAIT CONVID	INVREQ	200	Command not supported for distributed program link when it refers to the principal facility
WAIT EVENT	INVREQ	2	The ECB address is a null pointer, (X'00000000') or (X'FF000000')
		3	The specified event control area address is above the 16MB line for programs executing in 24-bit mode
		4	The event control area address is not aligned on a fullword boundary
		6	The timer-event control area specified on a WAIT EVENT is in use-key task-lifetime storage, and is inaccessible to another transaction. This condition can only occur if the storage for the timer-event control area is obtained other than by an EXEC CICS POST command, and is for posting as an ECB by some other task on completion of an event
WAIT EXTERNAL	INVREQ	1	An ECB is not valid, for example the ECB is not fullword aligned
		2	An ECB is already being waited on
		3	NUMEVENTS is not a positive number
		4	PURGEABILITY is specified with an incorrect CVDA
		5	No valid ECBs have been found in the list because either the ECBLIST address is not valid or all the ECB addresses are not valid
WAIT TERMINAL	INVREQ	200	A distributed program link server application specified the function-shipping session (its principal facility) on the CONVID option
WAITCICS	INVREQ	1	An ECB is not valid, for example the ECB is not fullword aligned
		3	NUMEVENTS is not a positive number
		4	PURGEABILITY is specified with an incorrect CVDA
		5	No valid ECBs have been found in the list, because either the ECBLIST address is not valid, or all the ECB addresses are not valid
WEB ENDBROWSE FORMFIELD	INVREQ	1	The command is being issued in a non-CICS Web application
		3	The command is being issued for a non-HTTP request

Command	Condition	RESP2	Meaning	
   		4	The command is being issued before a WEB STARTBROWSE command is issued	
		5	No valid ECBs have been found in the list, because either the ECBLIST address is not valid, or all the ECB addresses are not valid	
WEB ENDBROWSE HTTPHEADER	INVREQ	1	The command is being issued in a non-CICS Web interface application	
		3	The command is being issued for a non-HTTP request	
		4	The command is being issued before a WEB STARTBROWSE command is issued	
WEB EXTRACT	INVREQ	1	The command is being issued in a non-CICS Web interface application	
		3	The command is being issued for a non-HTTP request	
		4	The length in METHODLENGTH is less than or equal to zero	
	LENGERR	5	The length in VERSIONLEN is less than or equal to zero	
		6	The length in PATHLENGTH is less than or equal to zero	
		8	The length in QUERYSTRLEN is less than or equal to zero	
WEB READ   FORMFIELD                 	INVREQ	1	The command is being issued in a non-CICS Web application	
		3	The command is being issued for a non-HTTP request	
		11	The client codepage could not be found	
		12	The server codepage could not be found	
		13	No forms data has been supplied in the body of the HTTP request	
		14	The codepage combination for client and server is invalid	
	LENGERR	1	The length in VALUELENGTH is less than or equal to zero	
		2	The form field value has been truncated during a read operation because the receiving buffer is too small	
	 	NOTFND	1	The form field with the given name could not be found
	WEB READ HTTPHEADER	INVREQ	1	The command is being issued in a non-CICS Web interface application
3			The command is being issued for a non-HTTP request	
	LENGERR	1	The length in VALUELENGTH is less than or equal to zero	

Command	Condition	RESP2	Meaning	
		2	The header value has been truncated because the receiving buffer is too small	
	NOTFND	1	The header with the given name could not be found	
WEB READNEXT FORMFIELD	ENDFILE		The end of the list of name/value pairs has been reached	
	INVREQ	1	The command is being issued in a non-CICS Web application	
		3	The command is being issued for a non-HTTP request	
		4	The command is being issued before a WEB STARTBROWSE FORMFIELD has been issued	
		6	A form field has been found which is not in the expected format	
	LENGERR	1	NAMELENGTH or VALUELENGTH is less than or equal to zero	
		4	The form field name has been truncated during a browse operation because the receiving buffer is too small	
		5	The form field value has been truncated because the receiving buffer is too small	
	WEB READNEXT HTTPHEADER	INVREQ	1	The command is being issued in a non-CICS Web interface application
			3	The command is being issued for a non-HTTP request
4			The command is being issued before a WEB STARTBROWSE has been issued	
LENGERR		1	NAMELENGTH or VALUELENGTH is less than or equal to zero	
		4	The header name has been truncated because the receiving buffer is too small	
		5	The header value has been truncated because the receiving buffer is too small	
WEB RECEIVE	INVREQ	1	The command is issued in a non-CICS Web interface application	
	LENGERR	1	The length is negative	
		2	The length is positive and exceeds the program's maximum	
WEB RETRIEVE	INVREQ	1	The command is issued in a non-CICS Web interface application	
		2	A WEB SEND command has not been issued	
WEB SEND	INVREQ	1	The command is being issued in a non-CICS Web interface application	

Command	Condition	RESP2	Meaning
	NOTFND	1	The document has not been created or the name is incorrectly specified
		7	The specified CLNTCODEPAGE is not recognized or is incorrectly specified
WEB STARTBROWSE   FORMFIELD               	INVREQ	1	The command is being issued in a non-CICS Web application
		3	The command is being issued for a non-HTTP request
		5	There is already a WEB STARTBROWSE in progress
		11	The client codepage could not be found
		12	The server codepage could not be found
		13	No forms data has been supplied in the body of the HTTP request
		14	The codepage combination for client and server is invalid
WEB STARTBROWSE HTTPHEADER	INVREQ	1	The command is being issued in a non-CICS Web interface application
		3	The command is being issued for a non-HTTP request
WRITE	FILENOTFOUND	1	The file name referred to in the FILE option cannot be found in the FCT
	LENGERR	10	LENGTH is omitted for a WRITE to a file with variable-length records or to a BDAM file with undefined-format records
		12	The length specified for the write operation exceeds the maximum record size; the record is truncated
		14	An incorrect length is specified for a write operation involving fixed-length records
	INVREQ	20	Add operations are not allowed according to the file entry specification in the FCT
		23	When writing records containing embedded keys, the key in the record area (FROM option) and the key in RIDFLD do not match
		26	The KEYLENGTH option is specified, and the specified length does not equal the length defined for the data set to which this file refers to
		38	A WRITE with the MASSINSERT option has been issued against a BDAM file
		40	A BDAM key conversion error has occurred
		44	The WRITE command does not conform to the format of WRITE for a user-maintained data table

Command	Condition	RESP2	Meaning
		51	A WRITE command specifying the RBA keyword was issued against a KSDS file that was being accessed in RLS mode. RLS mode does not support relative byte address access to KSDS files
		56	An attempt to update a recoverable coupling facility data table has failed because the current unit of work has already updated 1024 recoverable coupling facility data tables
	DISABLED	50	A file is disabled
	NOTOPEN	60	The requested file is CLOSED and UNENABLED or the requested file is OPEN and in use by other transactions, but a CLOSE request against it has been received or a WRITE request was issued against a data set that is quiesced, or is being quiesced, as a result of a SET DSNAME QUIESCED or IMMQUIESCED command
	ISCINVREQ	70	The remote system indicated a failure that does not correspond to a known condition
	NOSPACE	100	No space is available on the direct access device for adding records to a data set
		102	The maximum number of table entries specified for the user-maintained table has already been reached
		103	CICS is unable to get sufficient storage in the CICS address space to create an in-memory table entry for the record being written
		108	Insufficient space in the coupling facility data table pool to store the record
	NOTAUTH	101	A resource security check has failed on FILE(filename)
	LOADING	104	A WRITE is issued to a user-maintained data table that is currently being loaded
	SUPPRESSED	105	A user exit program that is invoked at the XDTAD exit point decides not to add the record to the user-maintained data table
	LOCKED	106	An attempt was made to write a record, but a retained lock exists against the key of this record
	RECORDBUSY	107	NOSUSPEND was specified on the request but VSAM held an active lock against the record, which would cause the request to wait
	ILLOGIC	110	A VSAM error has occurred that does not fall within one of the other CICS response categories

Command	Condition	RESP2	Meaning
	IOERR	120	There has been an I/O error during the file control operation <u>or</u> you are trying to write to a BDAM track address that is not defined for a data set
		130	The SYSID option specified a name that is neither the local nor a remote system (made known to CICS by defining a CONNECTION); <u>or</u> the link to the remote system is closed.
	131	The connection to the coupling facility data table server has failed	
	132	The WRITE is issued against a coupling facility data table that no longer exists	
	DUPREC	150	An attempt has been made to add a record to a data set, by referring to a file, or a path over a file (with the UNIQUEKEY attribute), in which the same key already exists
WRITE OPERATOR	INVREQ	1	The TEXTLENGTH value is not valid
		2	The NUMROUTES value is not valid
		3	A ROUTECODE value is not valid
		4	The MAXLENGTH value is not valid
		5	The TIMEOUT value is not valid
		6	The ACTION value is not valid
	EXPIRED	7	TIMEOUT has occurred before the operator's reply was received
LENGERR	8	The reply was longer than MAXLENGTH, and has been truncated	
XCTL	PGMIDERR	1	A program has no entry in the PPT and either program autoinstall was switched off, or the program autoinstall control program indicated that the program should no be autoinstalled
		2	A program is disabled
		3	A program cannot be loaded because this was the first load of the program and the program load failed <u>or</u> this was a subsequent load of the program, but the first load failed
		9	In order to reset the load status the load module must be in the DFHRPL concatenation, and a SET PROGRAM NEWCOPY will be required The installed program definition is for a remote program

Command	Condition	RESP2	Meaning
		21	The program autoinstall control program failed either because the program autoinstall control program is incorrect, incorrectly defined, or as a result of an abend in the program autoinstall control program. Program autoinstall is disabled and message DFHPG0202 or DFHPG0203 is written to the CSPL
		22	The model returned by the program autoinstall control program was not defined in the PPT table, or was not enabled
		23	The program autoinstall control program returned invalid data
		24	Define for the program failed due to autoinstall returning an invalid program name or definition
	INVREQ	8	An XCTL command with the INPUTMSG option was issued for a program that is not associated with a terminal, or that is associated with an APPC logical unit, or an IRC session
		29	EXEC XCTL is not allowed in a GLUE or TRUE
		30	The program manager domain has not yet been initialized
		43	An XCTL has been attempted to a hot-pooled Java program object while there is already a hot-pooled program on the stack
		200	An XCTL command with the INPUTMSG option has been issued in a program invoked by DPL
	LENGERR	11	LENGTH is less than 0 or greater than 32763
		26	The COMMAREA address passed was zero, but LENGTH was non zero
		27	INPUTMSGLEN was less than 0 or greater than 32767
		28	LENGTH or INPUTMSGLEN is greater than the length of the data area specified in the COMMAREA or INPUTMSG options, and while that data was being copied a destructive overlap occurred because of the incorrect length
	NOTAUTH	101	A resource security check has failed on PROGRAM(name)





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## Chapter 10. EXEC interface block (EIB) response and function codes

This appendix lists the response codes and the function codes of EXEC CICS commands.

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### Response codes of EXEC CICS commands

After the execution of an EXEC CICS command, fields EIBRESP and EIBRCODE are set to indicate whether the command executed successfully, or whether a CICS condition was raised.

Each possible value of EIBRESP relates directly to a specific condition, no matter which command caused the condition to be raised. This is not true for EIBRCODE values: both the value and the byte of EIBRCODE in which it is set depend on which command was issued.

The following sections list the conditions that are applicable to the EXEC CICS commands described in this book, their corresponding RESP values (decimal), the associated EIBRCODE values (hexadecimal), and the transaction abend codes (if any).

### EXEC CICS DISCARD, INQUIRE, PERFORM, and SET commands

The first word of EIBRCODE for these commands is always set equal to the hexadecimal equivalent of the RESP value; the remaining bytes are set to X'00'.

Condition (Byte 3)	RESP Value code code	EIBRCODE	Abend
DSNNOTFOUND	93	5D	AEX1
DUPREC	14	0E	AEIN
END	83	53	AEXK
FILENOTFOUND	12	0C	AEIL
ILLOGIC	21	15	AEIU
INVREQ	16	10	AEIP
IOERR	17	11	AEIQ
JIDERR	43	2B	AEYG
LENGERR	22	16	AEIV
MODELIDERR	95	5F	AEX3
NOSPACE	18	12	AEIR
NOSTG	42	2A	—
NOTAUTH	70	46	AEY7
NOTFND	13	0D	AEIM
PARTNERIDERR	97	61	AEX5
PGMIDERR	27	1B	AEI0
PROFILEIDERR	98	62	AEX6
QIDERR	44	2C	AEYH
SYSBUSY	59	3B	—
SYSIDERR	53	35	AEYQ
TASKIDERR	91	5B	AEXX
TCIDERR	92	5C	AEX0
TERMIDERR	11	0B	AEIK

Condition (Byte 3)	RESP Value code code	EIBRCODE	Abend
TRANSIDERR	28	1C	AEI1
UOWNOTFOUND	102	66	-
USERIDERR	69	45	AEYX
VOLIDERR	71	47	AEXV

## EXEC CICS DISABLE, ENABLE, and EXTRACT EXIT commands

Conditions that can be raised by the DISABLE, ENABLE, and EXTRACT EXIT commands are INVEXITREQ and NOTAUTH. There are no conditions associated with the RESYNC command.

Condition	RESP Value	EIBRCODE	Abend
INVEXITREQ	63	80	AEY0
NOTAUTH	70	46	AEY7

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## Function codes of EXEC CICS commands

The function code (field EIBFN) is a hexadecimal value that identifies the command most recently issued by a task. The format of the EIBFN field is as follows:

```

ASM      CL2
COBOL   PIC X(2)
PL/I    CHAR (2)
C       CHAR variable name(2);

```

The function codes of the commands described in this book are listed below in command sequence, then in function code sequence. For information about other function codes, see the *CICS Application Programming Reference* manual.

Command	Code
ACQUIRE TERMINAL	86 02
COLLECT STATISTICS	70 08
CREATE	30 0E
CONNECTION	
CREATE DB2CONN	30 20
CREATE DB2ENTRY	30 22
CREATE DB2TRAN	30 24
CREATE	30 2E
DOCTEMPLATE	
CREATE ENQMODEL	30 2A
CREATE FILE	30 14
CREATE	30 1E
JOURNALMODEL	
CREATE LSRPOOL	30 16
CREATE MAPSET	30 04
CREATE	30 06
PARTITIONSET	
CREATE PARTNER	30 18
CREATE	30 26
PROCESSTYPE	
CREATE PROFILE	30 0A
CREATE PROGRAM	30 02

	<b>Command</b>	<b>Code</b>
	CREATE	30 2C
	REQUESTMODEL	
	CREATE SESSIONS	30 12
	CREATE	30 30
	TCPIPSERVICE	
	CREATE TDQUEUE	30 1C
	CREATE TERMINAL	30 10
	CREATE TRANCLASS	30 1A
	CREATE	30 08
	TRANSACTION	
	CREATE TSMODEL	30 28
	CREATE TYPETERM	30 0C
	DISABLE PROGRAM	22 04
	DISCARD	42 10
	AUTINSTMODEL	
	DISCARD	58 10
	CONNECTION	
	DISCARD DB2CONN	94 10
	DISCARD DB2ENTRY	94 30
	DISCARD DB2TRAN	94 50
	DISCARD	9E 10
	DOCTEMPLATE	
	DISCARD	90 90
	ENQMODEL	
	DISCARD FILE	4C 10
	DISCARD	92 10
	JOURNALMODEL	
	DISCARD	60 10
	JOURNALNAME	
	DISCARD PARTNER	44 10
	DISCARD	96 10
	PROCESSTYPE	
	DISCARD PROFILE	46 10
	DISCARD PROGRAM	4E 10
	DISCARD	9A 10
	REQUESTMODEL	
	DISCARD	9C 10
	TCPIPSERVICE	
	DISCARD TDQUEUE	5C 10
	DISCARD TERMINAL	52 10
	DISCARD	5E 18
	TRANCLASS	
	DISCARD	50 10
	TRANSACTION	
	DISCARD TSMODEL	80 30
	ENABLE PROGRAM	22 02
	EXTRACT EXIT	22 06
	INQUIRE ACTIVITYID	96 12
	INQUIRE	42 02
	AUTINSTMODEL	
	INQUIRE	68 12
	AUTOINSTALL	
	INQUIRE CFDTPOOL	98 02
	INQUIRE	58 02
	CONNECTION	

	<b>Command</b>	<b>Code</b>
	INQUIRE	96 14
	CONTAINER	
	INQUIRE DB2CONN	94 02
	INQUIRE DB2ENTRY	94 22
	INQUIRE DB2TRAN	94 42
	INQUIRE	68 22
	DELETSHIPED	
	INQUIRE	9E 02
	DOCTEMPLATE	
	INQUIRE DSNNAME	7A 02
	INQUIRE DUMPDS	66 02
	INQUIRE ENQMODEL	90 82
	INQUIRE EVENT	96 16
	INQUIRE EXCI	7C 02
	INQUIRE	88 02
	EXITPROGRAM	
	INQUIRE FILE	4C 02
	INQUIRE IRC	6E 02
	INQUIRE	92 02
	JOURNALMODEL	
	INQUIRE	60 12
	JOURNALNAME	
	INQUIRE	60 02
	JOURNALNUM	
	INQUIRE	5A 02
	MODENAME	
	INQUIRE MONITOR	70 12
	INQUIRE NETNAME	52 16
	INQUIRE NETNAME	52 06
	INQUIRE PARTNER	44 02
	INQUIRE PROCESS	96 18
	INQUIRE	96 02
	PROCESSTYPE	
	INQUIRE PROFILE	46 02
	INQUIRE PROGRAM	4E 02
	INQUIRE REQID	8A 02
	INQUIRE	9A 02
	REQUESTMODEL	
	INQUIRE RRMS	3A 02
	INQUIRE STATISTICS	70 02
	INQUIRE STORAGE	5E 08
	INQUIRE	92 12
	STREAMNAME	
	INQUIRE	66 22
	SYSDUMPCODE	
	INQUIRE SYSTEM	54 02
	INQUIRE TASK	5E 02
	INQUIRE TCLASS	5E 12
	INQUIRE TCPIP	9C 12
	INQUIRE	9C 02
	TCPIPSERVICE	
	INQUIRE TDQUEUE	5C 02
	INQUIRE TERMINAL	52 02
	INQUIRE TERMINAL	52 12
	INQUIRE TIMER	96 38

<b>Command</b>	<b>Code</b>
INQUIRE TRACEDEST	78 02
INQUIRE	78 12
TRACEFLAG	
INQUIRE TRACETYPE	78 22
INQUIRE	5E 1A
TRANCLASS	
INQUIRE	66 12
TRANDUMPCODE	
INQUIRE	50 02
TRANSACTION	
INQUIRE TSMODEL	80 22
INQUIRE TSPool	80 1A
INQUIRE TSQNAME	80 12
INQUIRE TSQUEUE	80 02
INQUIRE UOW	90 02
INQUIRE	90 62
UOWDSNFAIL	
INQUIRE UOWENQ	90 22
INQUIRE UOWLINK	90 42
INQUIRE VOLUME	62 02
INQUIRE VTAM	68 02
INQUIRE WEB	9C 22
PERFORM	68 26
DELETSHIPED	
PERFORM DUMP	7E 04
PERFORM	58 06
ENDAFFINITY	
PERFORM	72 02
RESETTIME	
PERFORM SECURITY	64 02
PERFORM	76 02
SHUTDOWN	
PERFORM STATISTICS	70 06
RESYNC	16 04
ENTRYNAME	
SET AUTOINSTALL	68 14
SET CONNECTION	58 04
SET DB2CONN	94 04
SET DB2ENTRY	94 24
SET DB2TRAN	94 44
SET DELETSHIPED	68 24
SET DSNAME	7A 04
SET DUMPDS	66 04
SET ENQMODEL	90 84
SET FILE	4C 04
SET IRC	6E 04
SET JOURNALNAME	60 14
SET JOURNALNUM	60 04
SET MODENAME	5A 04
SET MONITOR	70 14
SET NETNAME	52 08
SET PROCESSTYPE	96 04
SET PROGRAM	4E 04
SET STATISTICS	70 04
SET SYSDUMPCODE	66 24

	<b>Command</b>	<b>Code</b>
	SET SYSTEM	54 04
	SET TASK	5E 04
	SET TCLASS	5E 14
	SET TCPIP	9C 14
	SET TCPIPSERVICE	9C 04
	SET TDQUEUE	5C 04
	SET TERMINAL	52 04
	SET TERMINAL	52 14
	SET TRACEDEST	78 04
	SET TRACEFLAG	78 14
	SET TRACETYPE	78 24
	SET TRANCLASS	5E 1C
	SET	66 14
	TRANDUMPCODE	
	SET TRANSACTION	50 04
	SET TSQNAME	80 14
	SET TSQUEUE	80 04
	SET UOW	90 04
	SET UOWLINK	90 44
	SET VOLUME	62 04
	SET VTAM	68 04
	SET WEB	9C 24

	<b>Code</b>	<b>Command</b>
	16 04	RESYNC ENTRYNAME
	22 02	ENABLE PROGRAM
	22 04	DISABLE PROGRAM
	22 06	EXTRACT EXIT
	30 0A	CREATE PROFILE
	30 0C	CREATE TYPETERM
	30 0E	CREATE CONNECTION
	30 02	CREATE PROGRAM
	30 04	CREATE MAPSET
	30 06	CREATE PARTITIONSET
	30 08	CREATE TRANSACTION
	30 1A	CREATE TRANCLASS
	30 1C	CREATE TDQUEUE
	30 1E	CREATE
		JOURNALMODEL
	30 10	CREATE TERMINAL
	30 12	CREATE SESSIONS
	30 14	CREATE FILE
	30 16	CREATE LSRPOOL
	30 18	CREATE PARTNER
	30 20	CREATE DB2CONN
	30 22	CREATE DB2ENTRY
	30 24	CREATE DB2TRAN
	30 26	CREATE PROCESSTYPE
	30 28	CREATE TSMODEL
	30 2A	CREATE ENQMODEL
	30 2C	CREATE
		REQUESTMODEL

	<b>Code</b>	<b>Command</b>
	30 2E	CREATE DOCTEMPLATE
	30 30	CREATE TCPIPSERVICE
	3A 02	INQUIRE RRMS
	42 02	INQUIRE AUTINSTMODEL
	42 10	DISCARD AUTINSTMODEL
	44 02	INQUIRE PARTNER
	44 10	DISCARD PARTNER
	46 02	INQUIRE PROFILE
	46 10	DISCARD PROFILE
	4C 02	INQUIRE FILE
	4C 04	SET FILE
	4C 10	DISCARD FILE
	4E 02	INQUIRE PROGRAM
	4E 04	SET PROGRAM
	4E 10	DISCARD PROGRAM
	50 02	INQUIRE TRANSACTION
	50 04	SET TRANSACTION
	50 10	DISCARD TRANSACTION
	52 02	INQUIRE TERMINAL
	52 04	SET TERMINAL
	52 06	INQUIRE NETNAME
	52 08	SET NETNAME
	52 10	DISCARD TERMINAL
	52 12	INQUIRE TERMINAL
	52 14	SET TERMINAL
	52 16	INQUIRE NETNAME
	54 02	INQUIRE SYSTEM
	54 04	SET SYSTEM
	58 02	INQUIRE CONNECTION
	58 04	SET CONNECTION
	58 06	PERFORM ENDAFFINITY
	58 10	DISCARD CONNECTION
	5A 02	INQUIRE MODENAME
	5A 04	SET MODENAME
	5C 02	INQUIRE TDQUEUE
	5C 04	SET TDQUEUE
	5C 10	DISCARD TDQUEUE
	5E 02	INQUIRE TASK
	5E 04	SET TASK
	5E 08	INQUIRE STORAGE
	5E 1A	INQUIRE TRANCLASS
	5E 1C	SET TRANCLASS
	5E 12	INQUIRE TCLASS
	5E 14	SET TCLASS
	5E 18	DISCARD TRANCLASS
	60 02	INQUIRE JOURNALNUM
	60 04	SET JOURNALNUM
	60 10	DISCARD JOURNALNAME

<b>Code</b>	<b>Command</b>
60 12	INQUIRE JOURNALNAME
60 14	SET JOURNALNAME
62 02	INQUIRE VOLUME
62 04	SET VOLUME
64 02	PERFORM SECURITY
66 02	INQUIRE DUMPDS
66 04	SET DUMPDS
66 12	INQUIRE TRANDUMPCODE
66 14	SET TRANDUMPCODE
66 22	INQUIRE SYSDUMPCODE
66 24	SET SYSDUMPCODE
68 02	INQUIRE VTAM
68 04	SET VTAM
68 12	INQUIRE AUTOINSTALL
68 14	SET AUTOINSTALL
68 22	INQUIRE DELETSHIPED
68 24	SET DELETSHIPED
68 26	PERFORM DELETSHIPED
6E 02	INQUIRE IRC
6E 04	SET IRC
70 02	INQUIRE STATISTICS
70 04	SET STATISTICS
70 06	PERFORM STATISTICS
70 08	COLLECT STATISTICS
70 12	INQUIRE MONITOR
70 14	SET MONITOR
72 02	PERFORM RESETTIME
76 02	PERFORM SHUTDOWN
78 02	INQUIRE TRACEDEST
78 04	SET TRACEDEST
78 12	INQUIRE TRACEFLAG
78 14	SET TRACEFLAG
78 22	INQUIRE TRACETYPE
78 24	SET TRACETYPE
7A 02	INQUIRE DSNAME
7A 04	SET DSNAME
7C 02	INQUIRE EXCI
7E 04	PERFORM DUMP
80 02	INQUIRE TSQUEUE
80 04	SET TSQUEUE
80 12	INQUIRE TSQNAME
80 14	SET TSQNAME
80 1A	INQUIRE TSPool
80 22	INQUIRE TSMODEL
80 30	DISCARD TSMODEL
86 02	ACQUIRE TERMINAL
88 02	INQUIRE EXITPROGRAM
8A 02	INQUIRE REQID
90 02	INQUIRE UOW



	<b>Code</b>	<b>Command</b>
	90 04	SET UOW
	90 22	INQUIRE UOWENQ
	90 42	INQUIRE UOWLINK
	90 44	SET UOWLINK
	90 62	INQUIRE UOWDSNFAIL
	90 82	INQUIRE ENQMODEL
	90 84	SET ENQMODEL
	90 90	DISCARD ENQMODEL
	92 02	INQUIRE JOURNALMODEL
	92 10	DISCARD JOURNALMODEL
	92 12	INQUIRE STREAMNAME
	94 02	INQUIRE DB2CONN
	94 04	SET DB2CONN
	94 10	DISCARD DB2CONN
	94 22	INQUIRE DB2ENTRY
	94 24	SET DB2ENTRY
	94 30	DISCARD DB2ENTRY
	94 42	INQUIRE DB2TRAN
	94 44	SET DB2TRAN
	94 50	DISCARD DB2TRAN
	96 02	INQUIRE PROCESSTYPE
	96 04	SET PROCESSTYPE
	96 10	DISCARD PROCESSTYPE
	96 12	INQUIRE ACTIVITYID
	96 14	INQUIRE CONTAINER
	96 16	INQUIRE EVENT
	96 18	INQUIRE PROCESS
	96 38	INQUIRE TIMER
	98 02	INQUIRE CFDTPOOL
	9A 02	INQUIRE REQUESTMODEL
	9A 10	DISCARD REQUESTMODEL
	9C 02	INQUIRE TCPIPSERVICE
	9C 04	SET TCPIPSERVICE
	9C 10	DISCARD TCPIPSERVICE
	9C 12	INQUIRE TCPIP
	9C 14	SET TCPIP
	9C 22	INQUIRE WEB
	9C 24	SET WEB
	9E 02	INQUIRE DOCTEMPLATE
	9E 10	DISCARD DOCTEMPLATE



---

## Chapter 11. DFH messages

While CICS is running, it can produce several types of messages:

- Console messages advise the system operator of execution progress, or request a decision.
- Certain CICS-supplied support programs communicate directly with terminal operators.
- CICS management modules and support programs log significant events and error occurrences to transient data destinations; for example, to the control system master terminal (CSMT), or to the CICS database control log (CDBC) for the CICS-DBCTL interface.
- The CICS message switching program (DFHMSP) generates message switching responses (described in the *CICS Supplied Transactions* manual).
- CICS directs informational macro notes (mnotes) to programmers (these are not documented).
- Messages produced by CICS/ESA utility programs such as DFH\$MOLS and DFHMNDUP. These messages are self-explanatory and are not documented.

All of the CICS messages described in this book can also be viewed online using the CICS transaction CMAC. For guidance on using CMAC, see the *CICS Supplied Transactions* manual.

---

### Message Identifiers

Message identifiers are of two types.

#### DFHnnnn identifiers

These consist of the prefix “DFH” followed by a four digit message number. “DFH” is the IBM assigned identifier for CICS modules. The first two digits are the CICS module reference code as follows:

01	DFHSSIN
42	DFHZCNR
51	DFHCSDUP
52	DFHCSDUP
55	DFHCSDUP
56	DFHCSDUP
7x	Command-level translators

The last two digits are assigned by CICS to identify the message or group of messages within an assembled program.

#### DFHccnnnn identifiers

These consist of the prefix “DFH” followed by a two-letter component identifier (*cc*), and a four-digit message number (*nnnn*). The component identifier shows the domain or the component which issues the message. Here is a list of component identifiers with associated domains and components:

AC	The abnormal condition program component
----	--

<b>AI</b>	The auto-install terminal model manager (AITM)
<b>AM</b>	The RDO allocation manager
<b>AP</b>	The application domain
<b>AU</b>	The transaction affinities utility
<b>BA</b>	The Business Application Manager (BAM) domain
<b>BR</b>	Bridging to 3270 transactions
<b>CA</b>	RDO command utility routine
<b>CC</b>	The CICS catalog domain (local and global)
<b>CE</b>	The sign on program component
<b>CF</b>	CICS coupling facility data tables server
<b>CP</b>	The CPI Communications component
<b>CR</b>	The ISC remote scheduler component
<b>CZ</b>	The CICS class libraries domain
<b>DB</b>	The CICS database control component
<b>DD</b>	The directory manager
<b>DM</b>	The domain manager domain
<b>DS</b>	The dispatcher domain
<b>DU</b>	The dump domain
<b>DX</b>	The CICS database control component
<b>EM</b>	The Event Manager domain
<b>ER</b>	The user backout program
<b>EX</b>	The external CICS interface
<b>FC</b>	The file control component
<b>FE</b>	The FE terminal test program component
<b>IC</b>	The interval control program
<b>IN</b>	The indoubt testing tool
<b>IR</b>	The interregion component
<b>JC</b>	The online journal control component
<b>KC</b>	The transaction/profile manager
<b>KE</b>	The kernel domain
<b>LD</b>	The loader domain
<b>LG</b>	The logger domain
<b>LM</b>	The lock manager domain
<b>MC</b>	The BMS message control program component
<b>ME</b>	The message domain
<b>MN</b>	The monitor domain
<b>MU</b>	The message editing utility program

<b>MV</b>	The MVS RESMGR exit stub
<b>NQ</b>	The enqueue manager domain
<b>PA</b>	The parameter manager domain
<b>PC</b>	The program control program component
<b>PD</b>	The print dump exit routine DFHPDX
<b>PG</b>	The program manager domain
<b>PR</b>	The partner resource manager
<b>PS</b>	The system spooler interface control module component
<b>RD</b>	The RDO allocation manager
<b>RM</b>	The recovery Manager
<b>RP</b>	CICS ONC RPC
<b>RS</b>	The communications resynchronization program
<b>RT</b>	The ISC transaction routing component
<b>RU</b>	The recovery utility program
<b>RX</b>	The RRS-coordinated EXCI domain
<b>SH</b>	The Scheduler domain
<b>SI</b>	The system initialization component
<b>SK</b>	The sub task control program component
<b>SM</b>	The storage manager domain
<b>SN</b>	The signon component
<b>SO</b>	The CICS sockets domain
<b>SR</b>	The system recovery component
<b>ST</b>	The statistics domain
<b>SZ</b>	The front end programming interface (FEPI)
<b>TC</b>	The terminal control program component
<b>TD</b>	The transient data component
<b>TF</b>	The terminal facility manager
<b>TI</b>	The timer domain
<b>TM</b>	The system termination program component
<b>TO</b>	The terminal object resolution program component
<b>TP</b>	The BMS terminal page retrieval program component
<b>TR</b>	The trace domain
<b>TS</b>	The temporary storage domain
<b>UP</b>	The measured usage license charging support macro
<b>US</b>	The user domain
<b>WB</b>	The CICS Web Interface
<b>XA</b>	The XRF alternate component

XC	The XRF CICS availability manager
XG	The XRF general component
XM	The transaction manager
XO	The XRF CICS availability manager
XQ	The shared temporary storage queue pool server
XS	The CICS security component
ZC	The terminal control working set component
ZE	The TCP error message writer component
ZN	The syncpoint component

Thus the CICS message DFHAP0002 is issued from the application domain, identified by the two-character identifier AP.

## Action codes

Certain messages (for example, DFHDB8208D) include an action code after the message identifier. Action codes give guidance to the operator of the type of action needed when the message appears on the system console. The following action codes are used:

A	Immediate action (for example, mount a tape)
D	Immediate decision (reply to a request, for example, enter "GO" or "CANCEL")
E	Eventual – action is required, but does not have to be taken immediately
I	No action required (If issued via the message domain, these messages can be suppressed by specifying MSGLVL=0 as a system initialization override.)

## Severity codes

Certain messages, especially those associated with messages to terminal operators and messages which come from CICS utilities, have a severity code. (DFHST0210 I, is an example.) A severity code indicates to the operator whether a message is associated with an error, and if so, how serious it is. The following severity codes are used:

E	Error. Something has gone wrong and action is required of the user before CICS processing can continue.
I	Information only. No action is required.
W	Warning. Something may have gone wrong, a program loop for example, but CICS processing continues.
S	Severe error. Something serious has gone wrong and immediate action is required. CICS processing is suspended until action has been taken.

---

## Format of information

Information about each message is presented in the following format:

- **Message identifier** – in the form DFH*nnnnn* or DFH*ccnnnnn*
- **Message text** – the words and inserts which make up the message as displayed in CICS

- **Explanation** – the events leading to or following the production of the message
  - **System action** – the action that has been or will be taken by CICS
  - **User response** – the action recommended for the user (the console or terminal operator or system programmer)
  - **Destination** – the device or log to which the message is sent. This is one of the following:
    - Console – refers to a terminal type attached to CICS. (Route codes are 2 and 11 unless otherwise stated.)
    - Terminal end user
    - TERMCDBC – terminals running the CDBC transaction.
    - SYSPRINT (System printer)
    - One of the following transient data queues:
      - CADL** VTAM resource definition log
      - CAFF** Transaction affinities utility messages
      - CAIL** Autoinstall terminal model manager (AITM) log
      - CCPI** Common programming interface for communications (CPI Communications) messages
      - CDBC** CICS-DBCTL interface log
      - CDB2** CICS DB2 messages
      - CDUL** Transaction dump messages
      - CMIG** Migration log for messages reporting the use of functions that are no longer supported
      - CPLD** PL/I dumps
      - CPLI** PL/I sysprint output
      - CRDI** Log for installed resource definitions
      - CRPO** ONC RPC messages
      - CSDL** CEDA command log
      - CSCS** Sign on/off security log
      - CSFL** File allocation and related messages
      - CSKL** Log for transaction and profile resource definitions
      - CSMT** Write term errors and abends from DFHTACP and DFHACP
      - CSPL** Log for program resource definitions
      - CSQL** TDQUEUE messages
      - CSRL** Log for partner resource definitions
      - CSSL** Statistics log
      - CSTL** Term I/O error messages from DFHTACP
      - CSML** Sign on/off messages
      - CSNE** Terminal error messages issued from DFHZNAC.
      - CSZL** FEPI message queue
      - CWBO** CICS Web Interface messages
- Note:** Destination CXRF is used by the alternate CICS system in an XRF environment until the other destinations are made available during the takeover.
- **Module(s)** – the name(s) of the module or modules that determined that the message should be sent. (This is not necessarily the module that issued the macro to write the message.)

## XMEOUT parameters –

Messages that can drive the XMEOUT global user exit include a list of XMEOUT parameters. The XMEOUT exit allows you to suppress or reroute messages that use the message domain. For programming information about the XMEOUT user exit see the *CICS Customization Guide*

## Route codes –

Console messages can be sent to a number of console types. The type of console to which a particular message is sent is determined by the MVS route code. Each route code maps onto one console type. The meanings of the route codes normally used by CICS are as follows:

### Code Meaning

1	Master console action – indicates a change in system status demanding operator action
2	Master console information – indicates a change in system status (system default)
3	Tape pool status or other tape related information
4	Direct access pool status or other related information
5	Tape library information
6	Disk library information
7	Unit record pool information
8	Teleprocessing control status
9	System security checking

**Note:** This route code suppresses the operator's reply on the screen and on SYSLOG

10	System error or maintenance information
11	Programmer information for the MVS log

Unless otherwise stated, console messages have the route codes '2' and '11'.

## Message editing –

You can use the message editing utility to change the text or language of those CICS messages that are issued via the message domain. Messages that cannot be changed using the utility include a note to this effect before the message destination. See the *CICS Operations and Utilities Guide* for more information about the message editing utility.

## Console message reformatting –

The “console message handling facility” is an optional feature of the CICS subsystem that can affect the appearance of CICS messages displayed on an MVS console. It is effective when you specify `FORMATMSG=YES` as an initialization parameter for the CICS subsystem, as described in the *CICS Transaction Server for OS/390 Installation Guide*. When this facility is used, it affects messages displayed on MVS system consoles in the following ways:

- The subsystem tries to ensure that all console messages issued by all CICS regions have a standard format. The standard format is:

```
Column number:   1           13           22
                  |           |           |
                  +DFHnnnn   applid   message-text
```



The “plus” sign (+) is added by MVS to indicate that a problem-state program issued the message. It is not present when CICS issues the message while it is in supervisor state.

The applid inserted into the message is the specific application identifier. This is the identifier that is specified in the system initialization parameter APPLID. It is the only operand when XRF=NO is also specified, or the second operand when XRF=YES is also specified.

- The subsystem adds routecodes specified in the ROUTECODES subsystem initialization parameter, so the messages might be sent to more console destinations than those implied in the body of this book.
- The subsystem reformats messages for all CICS releases, even those issued by CICS/OS/VS Version 1.
- The subsystem does not reformat messages that are issued by a CICS region that has not yet determined its applid. This includes messages that are issued while processing the system initialization table and its overrides.
- The subsystem routine that reformats the messages does not receive control until **after** the message has been recorded in the CICS job’s job log. Therefore, the reformatting is not usually apparent in the job log.
- Messages issued by the message domain already contain the applid. The subsystem does not insert the applid into such messages, but it might insert blank characters to cause alignment into standard locations.
- If the original CICS message is a long one, adding the applid in the standard position might cause the message to exceed the maximum length for an MVS console message. In this case, the original message is suppressed (does not appear on the console), and a new message is issued using the MVS multiple-line console message service to split the message over several lines. Both the original message and perhaps several instances of the reformatted multiple-line message appear in the job log, but only one copy of the reformatted message is displayed on the console.
- For some messages where the applid normally follows a time and date stamp, inserting the applid in the standard position would have resulted in the applid being duplicated within the message. For these messages, the subsystem eliminates the time and date stamp, since they are available from other sources, and only one occurrence of the applid is shown.

## Terminal identifiers –

Some messages include a terminal identifier (*termid*) in the message text. This is normally shown as a 4-character identifier. However, when CICS cannot completely identify a terminal – for example, when intersystem communication is taking place, the terminal identifier is prefixed by the application identification (*applid*) of the system owning the terminal.

## Abend code inserts –

The transaction abend code insert (*abcode*) in some CICS messages is displayed as ‘????’ when neither the EXEC CICS ABEND request nor the DFHPC TYPE=ABEND macro request specifies an abend code.

## Dumps –

A dump is generally available for printing when a CICS system abend or abnormal termination occurs, provided the relevant data set has been specified. The dump can be used for problem determination.

## Terminology –

The terms “abnormally terminates” and “abnormal termination” are frequently used in a general sense to relate, as applicable, to one of the following:

- The termination of CICS as a result of an MVS ABEND macro. (The term “abend” may also be used.)
- The termination of a transaction (task) as a result of a CICS transaction ABEND macro.

---

## MVS user abend codes

DFH messages which accompany a CICS system, utility, or subtask abend have an associated MVS user abend code. Where possible, the value of this code is the numeric part of the corresponding DFH message. Thus DFH0305 has an 0305 user abend code. If an MVS abend code is issued but not the associated CICS message, the problem probably does not originate with CICS. See the description of the MVS abend code in the *MVS System Codes* manual for further information.

The highest possible value of an MVS user abend code is 4095, therefore any DFH message with a number higher than 4095 has an MVS user abend code that does not follow the above convention. The following are lists of the abend codes for messages with numbers above 4095, in order of abend code, and in order of message number.

### Ordered by abend code

0108	DFH5263
0121	DFH5100
0123	DFH5175
0125	DFH5180
0126	DFH5184
0127	DFH5148
0147	DFH5721
0148	DFH5722
0149	DFH5723
0150	DFHER5724
0151	DFHER5725
0152	DFH5754
0161	DFHAK5802
0162	DFHAK5803
0170	DFHPS5394
0184	DFHJC4534
0185	DFHJC4530
0190	DFHXC6450
0191	DFHXC6451
0192	DFHXC6452
0193	DFHXC6453
0194	DFHXC6454
0195	DFHXC6440
0196	DFHXC6441
0197	DFHXC6442
0198	DFHXC6443
0200	DFHXA6540
0201	DFHXA6541
0202	DFHXC6444

0203	DFHXG6430
0204	DFHXA6530
0205	DFHXG6439
0206	DFHXG6415
0207	DFHXA6523
0209	DFHXG6427
0210	DFHXA6528
0211	DFH6529
0213	DFHXG6524
0214	DFHXA6580
0220	DFHXO6700
0221	DFHXO6704
0222	DFHXO6702
0223	DFHXO6703
0224	DFHXO6720

### Ordered by message identifier

DFHAK5802	0161
DFHAK5803	0162
DFHER5724	0150
DFHER5725	0151
DFHJC4530	0185
DFHJC4534	0184
DFHPS5394	0170
DFHXA6523	0207
DFHXA6528	0210
DFHXA6530	0204
DFHXA6540	0200
DFHXA6541	0201
DFHXA6580	0214
DFHXG6415	0206
DFHXG6427	0209
DFHXG6430	0203
DFHXG6439	0205
DFHXG6440	0195
DFHXG6441	0196
DFHXG6442	0197
DFHXG6443	0198
DFHXG6444	0202
DFHXG6450	0190
DFHXG6451	0191
DFHXG6452	0192
DFHXG6453	0193
DFHXG6454	0194
DFHXG6524	0213
DFHXO6700	0220
DFHXO6702	0222
DFHXO6703	0223
DFHXO6704	0221
DFHXO6720	0224
DFH5100	0121
DFH5148	0127
DFH5175	0123

DFH5180	0125
DFH5184	0126
DFH5263	0108
DFH5721	0147
DFH5722	0148
DFH5723	0149
DFH5754	0152
DFH6529	0211

**Notes:**

1. All messages which appear in the JES job log are prefixed by a time stamp and job number. Because of this, some messages will have their message text truncated. If the full message text is required, consult the MVS log as all messages in the JES log are duplicated in the MVS system log.
2. User abend 0225 is internal to CICS. It is issued by DFHDTES when, during backout, an entry in a hash table has been marked empty where it should not be possible. This causes the CICS region to be abnormally terminated. If this abend occurs, you will need help to resolve the problem. See Part 4 of the *CICS Problem Determination Guide* for guidance on how to proceed.

---

## Chapter 12. Transaction abend codes

When abnormal conditions occur, CICS can send a message to the CSMT transient data destination containing the transaction ID, the program name and the abend code. Here is an example:

```
DFHAC2236 date time applid Transaction tranid abend
          primary abcode in program program name
          term termid backout successful { batchid =
          }batchid. message
```

Alternatively, the application can intercept abends by including an active EXEC CICS HANDLE ABEND command. The actual abend code can be determined by issuing the EXEC CICS ASSIGN command with the ABCODE option.

The transaction identification code *tranid* usually consists of the 4 characters defined to CICS. However, when a transaction is initiated by using a light pen, an operator identification (OPID) card reader, or 3270 PA or PF keys (specified in the TASKREQ= operand), CICS creates an internal transaction identification in the form of a 1-byte 3270 attention identification (AID) code followed by 3 bytes of X'FF'.

The code that may actually appear in the message in place of the internally-created transaction identification will be *\*xx\**, where *xx* is the character translation of the 3270 AID code. To prevent ambiguity, the user should avoid using these codes as transaction identifiers.

The keys, the light pen (LPA), and OPID, and their corresponding printed AID codes are given in the following list:

PF1	*F1*	PF13	*C1*	LPA	*7E*
PF2	*F2*	PF14	*C2*	OPID	*E6*
PF3	*F3*	PF15	*C3*	PA1	*6C*
PF4	*F4*	PF16	*C4*	PA2	*6E*
PF5	*F5*	PF17	*C5*	PA3	*6B*
PF6	*F6*	PF18	*C6*		
PF7	*F7*	PF19	*C7*		
PF8	*F8*	PF20	*C8*		
PF9	*F9*	PF21	*C9*		
PF10	*7A*	PF22	*4A*		
PF11	*7B*	PF23	*4B*		
PF12	*7C*	PF24	*4C*		

An abend code indicates the cause of an error that may have been originated by CICS or by a user program. For most of the abend codes described, a CICS transaction dump is provided at abnormal termination.

All CICS transaction abend codes *abcode* are 4-character alphanumeric codes of the form **A***xy*, where:

**Aack 'M'**

is the IBM-assigned designation of a CICS transaction abend.

*xx* is the 2-character code assigned by CICS to identify the module that detected an error.

*y* is the 1-character alphanumeric code assigned by CICS.

---

## Format of information

For each transaction abend code, the following information is given:

- An explanation of events leading to or following the message.
- The action that has been or will be taken by CICS (system action).
- The action recommended for the user (console or terminal operator).
- The module or modules that can determine that the message should be sent (not necessarily the module or modules that can issue the macro to write the message.)

## Chapter 13. Transaction abend codes

For guidance about interpreting the transaction abend codes summarized below, see the *CICS Messages and Codes* manual.

Abend	Module	Explanation
AACA	DFHTFP,DFHACP	Invalid error code
AALM	DFHAMLM	Error has occurred on call to Log Manager (LM) domain
AALN	DFHAMTD	Error has occurred on call to the TD manager
AALO	DFHAMD2	Error has occurred on call to the CICS/DB2 table manager DFHD2TM
AALP	DFHAMPG	Error has occurred on call to the Program Manager
AALQ	DFHAMBA	Error has occurred on call to the Business Application Manager
AALR	DFHAMBA	Error has occurred on call to the Temporary Storage Manager
AALS	DFHAMBA	Error has occurred on call to the Global Enqueue Manager
AALT	DFHAMOP	Error has occurred on call to the Internet Inter-Orb Protocol Manager
AALU	DFHAMSO	Error has occurred on call to the Sockets Doamin Manager
AAL1	DFHALP	DFHALP was processing a request that deadlocked
AAL2	DFHALP	Unexpected response from suspend or resume allocated task
AAL3	DFHALP	Task purged before GETMAIN completed
AAL4	DFHALP	Error occurred on call to storage manager (SM) domain
AAL6	DFHALP	Error occurred on call to SIGNOFF_TERMINAL_USER
AAL7	DFHALP	Error occurred on call to schedule a remote terminal delete
AAMA	DFHAMP	Internal logic error in DFHAMP
AAMC	DFHAMP	Task purged before GETMAIN completed
AAMD	DFHAMP	Unexpected return code from DFHDMP, internal logic error
AAMF	DFHAMP	Unexpected return code from KE domain, internal logic error
AAMG	DFHAMP	Unexpected return code from DFHAFMT, internal logic error
AAMH	DFHAMP	Unexpected return code from DFHFCMT, internal logic error
AAMI	DFHAMP	Unexpected return code from DFHFCRL, internal logic error
AAMJ	DFHAMP	Irrecoverable error from DFHFCFS while installing a file
AAMK	DFHAMP	Irrecoverable error from DFHFCDN while installing a file
AAMN	DFHAMP	Unexpected return code from DFHPRPT, internal logic error
AAMO	DFHAMP	Invalid return code from DFHTOR
AAMP	DFHAMP	Unexpected return code from DFHPUP, internal logic error
AAMQ	DFHAMP	Partner resource manager is unavailable, failed to initialize
AAMS	DFHAMP	Unexpected return code from SM domain, internal logic error
AAMT	DFHAMP	Unexpected return code from DFHTMP, internal logic error
AAMZ	DFHAMP	Unexpected return code from DFHZCP, internal logic error
AAM1	DFHAMP	Unexpected response from DFHXMCL during install of TRANCLASS
AAM2	DFHAMP	Unexpected response from DFHXMCD during transaction definition install
AAOA	DFHCPI	Unsupported CPI verb
AAOB	DFHCPI	CPI verb with more than eight parameters
AAOC	DFHCPARH	Invalid number of parameters for CPI Communications call
AAOD	DFHCPCBI	Task purged before GETMAIN request to SM domain completed
AAOE	DFHCPCBA	Task purged before GETMAIN request to SM domain completed
AAOF	DFHCPCBS	Task purged before GETMAIN request to SM domain completed
AAOG	DFHCPCBA	Application attached with unsupported sync level
AAOH	DFHCPCOJ	Journaling of data sent on CPI Communications mapped conversation failed
AAOI	DFHCPCRI, DFHCPCRW	Journaling of data received on CPI Communications mapped conversation failed
AAOJ	DFHCPI	CPI Communications detected unexpected response from internal routine
AAOK	DFHCPI	CPI Communications detected unexpected call to internal routine

Abend	Module	Explanation
AAOL	DFHCPCLR	CPI Communications made an invalid call to DFHLUC
AAOM	DFHCPCLR, DFHCPSRH	CPI Communications out of sync with DFHZUSR state machines
AAON	DFHCPCLR, DFHCPCLC	Unexpected response from DFHLUC to CPI Communications
AAOO	DFHCPARH	CPI Communications invoked with invalid first parameter
AAOP	DFHCPCFS	Impossible situation requested for CPI Communications
AAOQ	DFHCPCFS	CPI Communications return code has no entry in state table
AAOR	DFHCPCIC	CPI Communications detected invalid value in conversation control block
AAOS	DFHCPCIC	CPI Communications finds unexpected RESET for conversation state
AAOT	DFHCPCBI	CPI Communications chain error in conversation control blocks
AAOU	DFHCPCBI	CPI Communications error processing initialize conversation request
AAOV	DFHCPCFS	CPI Communications internal state table corrupted
AAOW	DFHCPCLC	Internal logic error in DFHCPCLC
AAOX	DFHCPCIC	CPI Communications has detected bad syncpoint return code
AAOY	DFHCPCRB	Invalid LL field while CPI Communications receives mapped conversation
AAOZ	DFHCPCRB	Invalid ID field while CPI Communications receives mapped conversation
AAO2	DFHCPCBA	Unexpected response from DFHLUC to CPI Communications
AAO3	DFHCPCIC	Call to CPI Communications without initialization
AAO4	DFHCPCLR	Logic error detected by DFHZARL
AAO5	DFHCPCBA, DFHCPCBI, DFHCPCBS	Task purged before GETMAIN completed
AAO7	DFHCPSRH	Invalid DFHLUC parameter list passed to CPI Communications
AAO8	DFHCPSRH	Invalid Conversation Control Block (CPC) passed to CPI Communications
AAO9	DFHCPCLR	Task purge detected
ABAC	DFHCBASP	EXEC CICS RETURN issued for activity executed with RUN command.
ABAD	DFHCBASP	EXEC CICS RETURN ENDACTIVITY issued for activity executed with RUN command.
ABAE	DFHEIBAM	EXEC CICS RETURN issued for activity executed with LINK command.
ABAF	DFHEIBAM	EXEC CICS RETURN ENDACTIVITY issued for activity executed with LINK command.
ABLA	DFHMCPE, DFHMCPE, DFHM32, DFHPBP, DFHRLR	Task purged before GETMAIN request to SM domain completed
ABLB	DFHMCPE, DFHMCPE, DFHM32, DFHPBP, DFHRLR	Error on call to SM domain
ABMA	DFHPBP, DFHMCPE	TIOA = 0 or < (storage accounting length - 12)
ABMB	DFHPBP, DFHMCPE DFHMCX	Cursor position larger than current screen size
ABMC	DFHMCPE	MSG tran attempt to send to greater number of terminals than possible
ABMD	DFHTPP, DFHTPR	Unexpected return code from send DFHTPR or DFHTPP
ABME	DFHTPP, DFHTPR	DFHTPR or DFHTPP detected invalid datastream during BMS request
ABMF	DFHPBP	Send length too large
ABMG	DFHMCPE, DFHTPPQ	BMS service not present



Abend	Module	Explanation
ABMI	DFHMCP, DFHMCX, DFHMCY	Not input map
ABML	DFHRLR	Terminal control locate routine received invalid data
ABMM	DFHPBP	Invalid map specified
ABMO	DFHMCP, DFHMCX, DFHMCY	Not output map
ABMQ	DFHQRY	Task not terminal-oriented or terminal not defined to CICS correctly
ABMR	DFHTPR	CPSG initiated but task not terminal-oriented
ABMU	DFHMCP, DFHEMS	Address not within region boundaries
ABMV	DFHRLR	Invalid route list entry
ABMX	DFHPBP	Invalid set attribute order in text
ABMZ	DFHMCP, DFHMCX, DFHMCY	TIOA address in TCTTEDA is zero
ABM0	DFHMCP, DFHMCX, DFHMCY	Map could not be located
ABM1	DFHRLR	BMS service requested from non-BMS-supported terminal
ABM2	DFHMCP	No user data for BMS request
ABM3	DFHMCP	BMS service requested from a non-terminal-oriented task
ABM4	DFHMCP, DFHTPP	BMS issued invalid request response to temp storage PUT or PUTQ
ABM5	DFHMCP, DFHTPR	Purge request issued with invalid REQID by BMS
ABM6	DFHMCP	CSPS not installed
ABM7	DFHPBP	Trailer too large
ABM8	DFHPBP	Justify parameter zero or too large for page
ABM9	DFHPBP	Header or trailer too large
ABNA	DFHTPS	No route list supplied
ABNB	DFHTPS	Invalid TCTTE type for principal facility of the task
ABNC	DFHTPS	Access temporary storage queue failed
ABNE	DFHTPS	Error response from BMS ROUTE or STORE request
ABNF	DFHTPS	Transaction not in send mode when sent to remote system
ABNG	DFHTPS	Attach received from remote system without data
ABNH	DFHTPS	Ship data to remote system failed
ABNI	DFHTPS	No profile for LU6.2 transaction routing request
ABNJ	DFHTPS	Task purged before GETMAIN complete
ABNK	DFHTPS	Error on call to storage manager domain
ABRC	DFHBRMS, DFHBRTC	Bridge exit not defined and could not be autoinstalled
ABRD	DFHBRMS, DFHBRTC	Bridge exit is disabled
ABRE	DFHBRMS, DFHBRTC	Bridge exit could not be loaded
ABRF	DFHBRMS, DFHBRTC	Bridge exit is defined as remote
ABRG	DFHBRXM	An invalid bridge facility token was specified
ABRH	DFHBRXM	The bridge facility token specified is in use by another transaction, or has been discarded
ABRI	DFHBRXM	There are no free bridge facility tokens available
ABRJ	DFHBRXM	An invalid FACILITYLIKE value was specified
ABRK	DFHBRXM	The bridge exit returned an invalid brxa_resp value

Abend	Module	Explanation
ABRN	DFHBRIC, DFHBRMS, DFHBRSP, DFHBRTC	The USERID check failed following call to the bridge exit
ABRQ	DFHBRMS, DFHBRTC	The bridge exit issued an abend
ABRR	DFHBRXM	The user transaction's profile could not be found
ABRS	DFHBRXM	CICS was unable to obtain storage to create bridge facility
ABRY	DFHBRMS, DFHBRTC	CICS returned an unexpected error running the bridge exit
ABRZ	DFHBRIC, DFHBRMS, DFHBRSP, DFHBRTC, DFHXMBR	The bridge exit returned invalid data in the BRXA
ABR3	DFHEMS	An unsupported BMS request was received by the bridge exit
ABSA	DFHTBS	A message passed to DFHBSMSG is too long - CICS internal error
ABXA	DFH0CBRF	Wrong type of RECEIVE vector in input message
ABXC	DFH0CBRE	Error on SYNCPOINT request issued by bridge exit
ABXD	DFH0CBRE	Error when SYNCPOINT ROLLBACK request issued by bridge exit
ABXE	DFH0CBAE, DFH0CBRE	No data passed on BRDATA parameter of START command
ABXF	DFH0CBAE, DFH0CBRE, DFH0CBAI	Error detected by bridge exit inputting next message
ABXG	DFH0CBAE, DFH0CBRE	Error detected by bridge exit outputting next message
ABXH	DFH0CBRF	No data available in message - transaction is non conversational
ABXI	DFH0CBAE, DFH0CBRE	Message received by bridge exit exceeds maximum message size
ABXJ	DFH0CBAE, DFH0CBRE	Bridge exit detected error in MQCIH passed by client application
ABXK	DFH0CBAE, DFH0CBRE	Bridge exit detected error in data passed on BRDATA parameter
ABXM	DFH0CBAE, DFH0CBRE, DFH0CBRF	Bridge exit called with unsupported function or command
ABXN	DFH0CBRF	Bridge exit detected input message was truncated
ABXO	DFH0CBRF	Bridge exit detected error in BRMQ vector passed by client application
ABXP	DFH0CBRF	Bridge exit detected error in BRMQ vector header passed
ABXQ	DFH0CBRF	Bridge exit could not find ADSD vector as part of BRMQ-RM vector
ABXS	DFH0CBRE	Bridge exit detected error trying to open queue for input/output
ABX1	DFH0CBAE, DFH0CBRE, DFH0CBRF	Bridge exit called with invalid BRXA-HEADER - storage overwrite
ABX2	DFH0CBAE, DFH0CBRE, DFH0CBRF	Bridge exit called with invalid BRXA-TRANSACTION-AREA - storage overwrite
ABX3	DFH0CBAE, DFH0CBRE, DFH0CBRF	Bridge exit called with unsupported BRXA-COMMAND-AREA - storage overwrite
ABX5	DFH0CBAE, DFH0CBRE, DFH0CBRF	Bridge exit called without a user-area - error in bridge exit

Abend	Module	Explanation
ABX6	DFH0CBAE, DFH0CBRE, DFH0CBRF	Bridge exit called with invalid user-area - storage overwrite or error in bridge exit
ABX7	DFH0CBRF	TC command passed to bridge exit exceeded maximum message size
ABX8	DFH0CBRF	BMS BRMQ vector does not contain mapset requested
ABX9	DFH0CBRF	Next BMS BRMQ vector does not contain mapname requested
ACAA	DFHCAP	Parameterized resource definition contains invalid resource type code
ACAD	DFHCAP	Parameterized resource definition contains invalid resource type code
ACAI	DFHCAP	Invalid function code for domain call to DFHCAP
ACAJ	DFHCAP	Preallocated dynamic storage area too small
ACAM	DFHECBAM	Internal Error in CBAM transaction
ACCx		C/370 errors. See the <i>C/370 User's Guide</i> for further information.
ACFA	DFHFCDL	Abend during loading of CFDT by CFCL transaction
ACFB	DFHEIFC	Request to CFDT is reliant on lock acquired before server failed
ACFC	DFHEIFC	Attempt to reopen access between CICS file and CFDT failed
ACFD	DFHFCDL	Call to CICS Txn Manager returned response and processing cannot continue
ACFE	DFHFCDL	Transaction not internally attached to CICS
ACHA	DFHCHS	Remote server transaction is incorrect level
ACHB	DFHCHS	Remote server received frame out of sequence
ACHC	DFHCHS	Remote server did not receive expected acknowledgement type data frame
ACHD	DFHCHS	Remote server did not receive expected response type data frame
ACHE	DFHCHS	Remote server received unexpected data frame
ACHF	DFHCHS	Remote server sent more than one data frame
ACHG	DFHCHS	Remote server sent data when not in correct mode
ACHH	DFHCHS	Remote server has no TIOA for data
ACHI	DFHCHS	Remote server received unexpected return code
ACHJ	DFHCHS	Remote server cannot return error condition to CICS/CMS
ACHK	DFHCHS	Logic error in transformer program request
ACHL	DFHCHS	Remote server buffer too small
ACHM	DFHCHS	Remote server response retry limit exceeded
ACHN	DFHCHS	Remote server request retry limit exceeded
ACHO	DFHCHS	Remote server reply retry limit exceeded
ACHP	DFHCHS	Remote server reply has insufficient storage
ACHR	DFHCHS	Failure of the CICS/CMS remote server transaction (CEHS)
ACHS	DFHCHS	Failure of the CICS/OS2 remote server transaction (CEHP)
ACL0	ICCGLBIC	Insufficient storage available to CICS region
ACL1	ICCGLBIC	CICS Foundation Classes have thrown an exception - application manager failed to catch it
ACL2	ICCRESEC	CICS Foundation Classes invoked default handleEvent method defined in class IccResource
ACL3	ICCRESIC	CICS Foundation Classes responded to an application programmer's request to abend CICS task
ACL4	ICCGLIBC	CICS Foundation Classes detected an internal error
ACL5	ICCBASEC	CICS Foundation Classes received an error from CICS GETMAIN
ACL6	ICCBASEC	CICS Foundation Classes detected an error processing storage release request
ACL7	ICCGLBIC	CICS Foundation Classes have thrown an exception theapplication programmer failed to catch
ACL8	ICCGLBIC	CICS Foundation Classes have thrown an exception theapplication programmer failed to catch
ACL9	ICCRESIC	CICS Foundation Classes responded to a request to abenda CICS task.
ACLA	ICCGLIBC	CICS Foundation Classes detected an internal error.
ACLB	ICCGLIBC	CICS Foundation Classes detected an internal error.
ACLC	ICCGLIBC	CICS Foundation Classes detected an internal error.
ACLD	ICCGLIBC	CICS Foundation Classes detected an internal error.

Abend	Module	Explanation
ACLE	ICCGLIBC	CICS Foundation Classes detected an internal error.
ACLF	ICCGLIBC	CICS Foundation Classes detected an internal error.
ACLG	ICCGLIBC	CICS Foundation Classes detected an internal error.
ACLH	ICCBASEC	CICS Foundation Classes detected an error while processing a storage release request.
ACNA	DFHCCNV	Table DFHCNV could not be loaded
ACNB	DFHCCNV	Program DFHUCNV cannot be linked
ACN1	DFHCCNV	Table DFHCNV could not be loaded
ACN2	DFHCCNV	Table DFHCNV has wrong format in first record
ACN3	DFHCCNV	Program DFHUCNV could not be linked
ACN4	DFHCCNV	Unrecognized format of DFHCNV table encountered
ACN5	DFHCCNV	Override for default client code page received and unrecognized
ACN6	DFHCCNV	Conversion between client code page and server code page not supported by CICS/390
ACN7	DFHCCNV	Override for default binary format received and unrecognized
ACN8	DFHCCNV	FIELD defined as having GRAPHIC characters and client code page and server code page imply FIELD contains only SBCS characters
ACN9	DFHCCNV	Table DFHCNV could not be loaded
ACP1	DFHCPY	Bad DFHIC TYPE=GET response code
ACP2	DFHCPY	Bad DFHIC TYPE=INITIATE response code
ACQA	DFHCLS5	Connection Quiesce Protocol txn not intended to be initiated this way
ACQB	DFHCLS5	Connection Quiesce Protocol txn encountered an error
ACQC	DFHCLS5	Connection Quiesce Protocol txn encountered an error
ACRA	DFHAPRT	Relay program invoked without terminal as principal facility
ACRB	DFHAPRT	Relay program invoked by transaction not defined as remote
ACRC	DFHAPRT	Invalid response from DFHZCX
ACRD	DFHAPRT	System entry not found
ACRE	DFHAPRT	Link is out of service
ACRF	DFHAPRT	Dynamic routing program incorrectly initiated
ACRG	DFHAPRT	No matching entry in AID chain for ATI initiated remote transaction
ACRH	DFHAPRT	Profile could not be found
ACRI	DFHAPRT, DFHEPC	Dynamic transaction routing program could not be linked
ACRJ	DFHAPRT, DFHEPC	Dynamic transaction routing program has abended
ACRK	DFHAPRT	Relay program invoked with no address for principal facility
ACRL	DFHAPRT	The task does not own the facility
ACRM	DFHAPRT	Dynamic routing program INITIAL_LINK failure
ACRN	DFHAPRT	Dynamic routing program indicated that transaction should not be routed but executed in local system
ACRO	DFHCRQ	Attempt to invoke CRSQ from a terminal
ACRP	DFHAPRT	SYDID does not support a routable start
ACSA	DFHCRS	Remote scheduler task (CRSR) does not own intersystem link TCTTE
ACSB	DFHCRS	Invalid reply to schedule request
ACSC	DFHCRS	Unexpected request received from remote system
ACSD	DFHCRS	Internal logic error detected
ACSE	DFHCRS	DFHCRS attached in unsupported manner
ACSF	DFHCRS	Task purged before GETMAIN to SM domain successful
ACSG	DFHCRS	Error on call to SM domain
ACSH	DFHCRS	Sync level mismatch for processing APPC data
ACSI	DFHCRS	APPC conversion failure when attaching between systems
ACSJ	DFHCRS	Unexpected response on call to RM domain
ACSL	DFHCRS	Unable to perform CDTS request or CFTS request
ACSM	DFHCRS	Transaction CFTS has abended
ACSN	DFHCRS	Transaction CFTS has stalled
ACTA	DFHZTSP	Relay program in TOR had unexpected request from AOR

Abend	Module	Explanation
ACTB	DFHZTSP	Relay program in TOR WRITE, LAST request failed
ACTC	DFHZTSP	Relay program in TOR failed to free session
ACTD	DFHZTSP	Relay program in TOR WRITE, WAIT, READ request failed
ACTE	DFHZTSP	Relay program in TOR failed to free session
ACTF	DFHZTSP	Relay program in TOR failed to free session
ACTG	DFHZTSP	Relay program in TOR received invalid region response
ACTH	DFHZISP	Privileged allocate issued against a remote LU6.2 system
ACTI	DFHCRT	TCTTE for session not owned by task
ACTJ	DFHCRT	Principal facility of relay transaction not a TCTTE
ACTK	DFHZISP	Task purged before GETMAIN successful
ACTL	DFHZISP	Error on call to SM domain
ACUA	DFHZXRL	Request not supported for transaction routing
ACUB	DFHZXRL	TCTSE address missing from parameter list for ALLOCATE request
ACUC	DFHZXRL	TCTSE address not that of a remote LU6.2 terminal
ACUD	DFHZXRL	Profile DFHCICSR was not located as installed profile definition
ACUE	DFHZXRL	Request to DFHZTSP to build surrogate TCTTE not satisfied
ACUF	DFHZXRL	Session not allocated, request incorrectly specified
ACUG	DFHZXRL	Profile for ALLOCATE not located as installed transaction definition
ACUH	DFHZXRL	Requested session already owned by the TCA
ACUI	DFHZXRL	MODENAME named in profile not found
ACUJ	DFHZXRL	Maximum session count for modegroup is zero
ACUK	DFHZXRL	No TCT entry for TOR in TCTSE for remote terminal
ACUL	DFHZXRL	WRITE, WAIT, READ request failed
ACUM	DFHZXRL	Request to DFHZTSP to free surrogate TCTTE not satisfied
ACUO	DFHZXRL	Attempt to receive data from TOR failed
ACUP	DFHZXRL	Expected rollback not received
ACUQ	DFHZXRL	Attempt to receive data from TOR failed
ACUR	DFHZXRL	Expected rollback not received
ACUS	DFHZXRL	Attempt to receive data from TOR failed
ACUT	DFHZXRL	Expected rollback or syncpoint not received
ACUV	DFHZXRL	TC ISSUE ABEND on MRO link failed
ACUW	DFHZXRL	TC ISSUE ERROR on MRO link failed
ACUX	DFHZXRL	WRITE, WAIT, READ request failed
ACUY	DFHZXRL	TC WRITE, WAIT failed
ACUZ	DFHZXRL	WRITE, WAIT, READ request failed
ACU0	DFHZXRL	TC WRITE, LAST, WAIT failed
ACU1	DFHZXRL	Attempt to receive data from TOR failed
ACU2	DFHZXRL	Response from the TOR violates protocols
ACU3	DFHZXRL	AOR set of conversation state machine violates protocols
ACU4	DFHZXRL	Setting of conversation state machine failed
ACU5	DFHZXRL	Connection between two systems not installed
ACU6	DFHZXRL	DFHRTSU request for syncpoint failed
ACU7	DFHZXRL	Remote system connection not APPC or MRO connection
ACU8	DFHZXRL	Unexpected response and reason code from DFHRTSU
ACU9	DFHZXRL	Unexpected response and reason code from recovery manager
ACVA	DFHZXRT	TC WRITE, WAIT, or READ failed
ACVB	DFHZXRT	ISSUE SIGNAL on MRO link violates protocols
ACVC	DFHZXRT	ISSUE SIGNAL on LU6.2 link failed
ACVD	DFHZXRT	TC READ, WAIT failed
ACVE	DFHZXRT	TC WRITE failed
ACVF	DFHZXRT	TC WRITE, LAST, WAIT failed
ACVG	DFHZXRT	Attempt to free session with LU6.2 terminal failed
ACVH	DFHZXRT	Attempt to free session with AOR failed
ACVK	DFHZXRT	ISSUE ABEND on LU6.2 link failed

Abend	Module	Explanation
ACVL	DFHZXRT	TC ISSUE ABEND on MRO link failed
ACVM	DFHZXRT	ISSUE ERROR on LU6.2 link failed
ACVN	DFHZXRT	TC ISSUE ERROR on MRO link failed
ACVO	DFHZXRT	ISSUE PREPARE in TOR failed or violates protocols
ACVP	DFHZXRT	Expected FMH43 not received from AOR
ACVQ	DFHZXRT	Nonzero return code from APPC terminal
ACVR	DFHZXRT	TC SEND, LAST, WAIT failed
ACWA	DFHCWTO	CWTO transaction has failed, task started without a terminal ID
ACXA	DFHCXCU	Catch-up transaction, CXCUC, has failed
ADCA	DFHDLIDP	Nonzero return code from DBCTL
ADCB	DFHDLIDP	No PSB scheduled for task
ADCC	DFHDLIDP	PSB already scheduled
ADCD	DFHDLIDP	Deadlock detected by IMS
ADCE	DFHDLIDP	Nonzero return code from DFHDBAT
ADCI	DFHDLIDP	User abend 3303 returned from IMS
ADCJ	DFHDLIDP	CICS-DBCTL interface terminated
ADCP	DFHDLIDP	PSB schedule request failed security check
ADCQ	DFHDLIDP	Invalid EXEC DLI SCHD request
ADCR	DFHDLIDP	No active communication with DBCTL
ADCS	DFHDBAT	Unexpected response from DBCTL to single phase commit request
ADCT	DFHDBCT	Attempt to invoke a CICS-DBCTL control transaction from a terminal
ADCV	DFHDLIDP	Connection to DBCTL terminated and then re-established
ADDA	DFHDBME, DFHDLI, DFHDLIDP	Error on call to SM domain
ADDB	DFHDBCON, DFHDBDSC	Error on call to CC domain
ADDC	DFHDBCON, DFHDBDI	Error on call to LD domain
ADDI	DFHDBCT	CICS cannot find DBCTL alternate after failure
ADDJ	DFHDBCON	CICS/DBCTL connect failure - DFHDBAT cannot be ENABLED
ADEF	DFHCLS3	Severe error executing transaction CLS3
ADIR	DFHDIP	Invalid DFHDI or DFHBMS request
ADLE	DFHDLIRP	DL/I request for remote database on unknown system
ADLF	DFHDLIRP	DL/I request for remote database, but link down
ADLG	DFHDLIRP	Errors in DL/I argument list for remote database request
ADLP	DFHDLIRP	PSB usage failed security check
ADMA	DFHDBCR	Error in DBCTL connection status
ADMB	DFHDBCR	Unrecognizable message from CICS/XRF message manager
ADMD	DFHDBCR	DBCTL connection status unable to complete search for DBCTLalternate.
ADPL	DFHEIP, DFHCPIR, DFHDLI	Restricted API command used in DPL environment
ADPM	DFHDLI	CALL AIBTDLI request issued for function type not supported by CICS
ADXA	DFHDXCUC	XRF DBCTL state catch-up transaction, DXCU, has failed
ADXB	DFHDXCUC	XRF DBCTL state catch-up transaction, DXCU, has failed
AD2A	DFHD2EX1	Error occurred on a LOCK call to LM domain
AD2B	DFHD2EX1	Error occurred on an UNLOCK call to LM domain
AD2C	DFHD2EX1	Unexpected EXCEPTION response occurred on locate call to DM domain
AD2D	DFHD2EX1	An error occurred on locate call to DM domain to locate DB2TRAN control block
AD2E	DFHD2EX1	Unexpected EXCEPTION response occurred on locate call to DM domain to locate a DB2ENTRY control block
AD2F	DFHD2EX1	An error occurred on locate call to DM domain to locate a DB2ENTRY control block
AD2G	DFHD2EX1	A transaction attempted to use a DB2ENTRY that is DISABLED or is DISABLING

Abend	Module	Explanation
AD2H	DFHD2EX1	The CICS-DB2 attachment facility detected that a dynamic plan exit program abended
AD2I	DFHD2EX1	The CICS-DB2 attachment facility failed to link to a dynamic plan exit program because it was not linked AMODE 31
AD2J	DFHD2EX1	The CICS-DB2 attachment facility failed to link to a dynamic plan exit program because it is disabled
AD2K	DFHD2EX1	The CICS-DB2 attachment facility failed to link to a dynamic plan exit program because no program definition was found
AD2L	DFHD2EX1	The CICS-DB2 attachment facility failed to link to a dynamic plan exit program because the program could not be loaded
AD2M	DFHD2EX1	The CICS-DB2 attachment facility failed to link to a dynamic plan exit program because the program is defined as remote
AD2N	DFHD2EX1	The CICS-DB2 attachment facility failed to link to a dynamic plan exit program
AD2O	DFHD2EX1	An error occurred on an WAIT_MVS call to DM domain
AD2P	DFHD2EX1	Transaction was unable to obtain a DB2 thread from a DB2ENTRY or pool
AD2Q	DFHD2EX1	An error occurred on a GETMAIN call to SM domain
AD2R	DFHD2EX1	The CICS-DB2 subtask processing DB2 request for this transaction has abended
AD2S	DFHD2EX1	The subtask servicing the DB2 request for transaction issued a sign-on request to DB2 which failed
AD2T	DFHD2EX1	An attempt to create a DB2 thread failed with DB2 reason code 00F30040
AD2U	DFHD2EX1	An attempt to create a DB2 thread by the subtask servicing the DB2 request failed
AD2V	DFHD2EX1	The CICS-DB2 attachment facility lost connection to DB2 (reason code 00F30805)
AD2W	DFHD2EX1	The CICS-DB2 attachment facility received an unexpected response to single-phase commit call to DB2
AD2X	DFHD2EX1	The CICS-DB2 attachment facility detected that the CICS task and thread subtask were in an invalid state
AD2Y	DFHD2EX1	The transaction was unable to obtain a DB2 thread from a DB2ENTRY or or pool - no TCBs available
AD2Z	DFHD2EX1	DB2 detected a deadlock and CICS-DB2 attachment facility attempted a syncpoint rollback command for transaction
AD21	DFHD2EX1	The CICS-DB2 attachment facility received a request for resource manager with incorrect name
AD22	DFHD2EDF	The CICS-DB2 attachment facility EDF processor was unable to interpret the SQL request
AD23	DFHD2EX2	An error occurred on LOCK call to LM domain
AD24	DFHD2EX2	An error occurred on an UNLOCK call to LM domain
AD25	DFHD2CC	An error occurred on LOCK call to LM domain
AD26	DFHD2CC	An error occurred on an UNLOCK call to LM domain
AD27	DFHD2EX1	The CICS-DB2 attachment facility attempted to attach a subtask which failed due to lack of storage
AD28	DFHD2EX1	The CICS-DB2 attachment facility attempted to attach a subtask which failed
AD29	DFHD2EDF	The CICS-DB2 attachment facility was unable to link to its EDF processor DFHD2EDF
AD3A	DFHD2STR	An error occurred on a LOCK call to LM domain
AD3B	DFHD2STR	An error occurred on an UNLOCK call to LM domain
AD3D	DFHD2CM1	Unexpected response while deleting a record from TS queue during processing of a DSNCR STRT command
AD3G	DFHD2CM1	Unexpected response from EXEC CICS GETMAIN issued during processing of a CICS-DB2 DSNCR command
AD3I	DFHD2CM1	Unexpected response from EXEC CICS INQUIRE DB2CONN issued during startup of the CICS-DB2 interface
AD3M	DFHD2CM1	Unexpected error occurred during processing of DSNCR MODIFY command
AD3P	DFHD2CM1	Unexpected error occurred during processing of DSNCR STOP command
AD3Q	DFHD2CM1	Unexpected response received reading a record from TS queue during processing of a DSNCR STRT command
AD3R	DFHD2STR	Unexpected response received reading a record from TS queue during startup of the CICS-DB2 interface

Abend	Module	Explanation
AD3S	DFHD2CM1	Unexpected response received from EXEC CICS SET DB2CONN command during startup of the CICS-DB2 interface
AD3T	DFHD2EX1	Transaction was unable to obtain a DB2 thread from the pool
AD3U	DFHD2EX1	Error on locate call to transaction manager domain
AD3W	DFHD2STR	Unexpected response received writing a record to TS queue during startup of CICS-DB2 interface
AD3X	DFHD2CM1	Unexpected response received writing a record to TS queue during startup of DSNCR STRT command
AD3Z	DFHD2EX1	The CICS-DB2 subtask has abended because the DB2 adapter is being shutdown.
AEC1	DFHECIP, DFHECSP, DFHEMTP, DFHESTP, DFHEOTP, DFHEDAP	CECI, CEMT, or CEDA/B/C transaction attempted on unsupported terminal
AEC2	DFHECIP, DFHECSP, DFHEMTP, DFHESTP, DFHEOTP, DFHEDAP	CECI, CEMT, or CEDA/B/C tried to use too small a screen
AEC3	DFHAPLI	COBOL II failed to initialize a thread
AEC4	DFHAPLI	COBOL II failed to initialize a run-unit
AEC5	DFHAPLI	C/370 failed to initialize a thread
AEC6	DFHAPLI	C/370 failed to initialize a run-unit
AEC7	DFHAPLI	Language Environment/370 failed to initialize a thread
AEC8	DFHAPLI	Language Environment/370 failed to initialize a run-unit
AEC9	DFHAPLI	Language Environment/370 had error during RUNUNIT BEGIN INITIALIZATION phase
AEDA	DFHEDFX	CEDF started with invalid start code
AEDB	DFHEDFX	DFHEDFP passed invalid EDFXA
AEDC	DFHEDFX	EDF GETMAIN request failed
AEDD	DFHEDFX	EDF attach failed
AEDE	DFHEDFX	EDF suspend failed
AEDF	DFHEDFX	User task purged before control returned to EDF
AEDG	DFHEDFX	User task gone away while suspended, before control returned from EDF
AEDH	DFHEDFX	Failure of call to Program Manager
AED1	DFHEDFP, DFHEDFBR	Attempt to use EDF on unsupported terminal, using CEBR on unsupported device or CEBR initiated with a non-terminal principal priority
AED2	DFHEDFX	EDF has terminated a task
AED3	DFHEDFX	EDF has terminated a task
AED4	DFHEDFP	Internal logic error in DFHEDFP
AED5	DFHEDFD	Internal logic error in EDF - insufficient dynamic storage
AED6	DFHEDFU	Internal logic error in EDF
AED7	DFHEDFP	TWA size too small for CEDF transaction
AED8	DFHEDFX	Terminal control error in DFHEDFX
AED9	DFHEDFD	Temporary storage error in EDF
AEIA	DFHEIP	ERROR condition not handled
AEID	DFHEIP	EOF condition not handled
AEIE	DFHEIP	EODS condition not handled
AEIG	DFHEIP	INBFMH condition not handled
AEIH	DFHEIP	ENDINPT condition not handled
AEII	DFHEIP	NONVAL condition not handled
AEIJ	DFHEIP	NOSTART condition not handled
AEIK	DFHEIP	TERMIDERR condition not handled



Abend	Module	Explanation
AEIL	DFHEIP	FILENOTFOUND condition not handled
AEIM	DFHEIP	NOTFND condition not handled
AEIN	DFHEIP	DUPREC condition not handled
AEIO	DFHEIP	DEPKEY condition not handled
AEIP	DFHEIP	INVREQ condition not handled
AEIQ	DFHEIP	IOERR condition not handled
AEIR	DFHEIP	NOSPACE condition not handled
AEIS	DFHEIP	NOTOPEN condition not handled
AEIT	DFHEIP	ENDFILE condition not handled
AEIU	DFHEIP	ILLOGIC condition not handled
AEIV	DFHEIP	LENGERR condition not handled
AEIW	DFHEIP	QZERO condition not handled
AEIZ	DFHEIP	ITEMERR condition not handled
AEI0	DFHEIP	PGMIDERR condition not handled
AEI1	DFHEIP	TRANSIDERR condition not handled
AEI2	DFHEIP	ENDDATE condition not handled
AEI3	DFHEIP	INVTREQ condition not handled
AEI4	DFHEIP	EXPIRED condition not handled
AEI8	DFHEIP	TSIOERR condition not handled
AEI9	DFHEIP	MAPFAIL condition not handled
AELA	DFHETL	Function purged before control returned
AELB	DFHEGL	Function purged before control returned
AEMA	DFHUEM	Error on call to AP domain
AEMB	DFHUEM	Error on call to LD domain
AEMP	DFHUEM	Task purged before set active request to AP domain completed
AEMQ	DFHUEM	Task purged before IDENTIFY_PROGRAM completed successfully
AETA	DFHERM	Task abended by DFHERM after using DFHRMCAL macro
AETC	DFHERM	Command issued with invalid TRUE
AETF	DFHERM	Task purged before completion of request to SM domain
AETG	DFHERM	Error on call to SM domain
AETH	DFHERM	Task purged before completion of request to SM domain
AETI	DFHERM	Error on call to SM domain
AETJ	DFHERM	Error on ADD_LINK call to RM domain
AETK	DFHERM	Error on SET_LINK call to RM domain
AETL	DFHERM	Error on SET_UOW call to RM domain
AETM	DFHRMSY	Error on INQUIRE_TRANSACTION call to XM domain
AETN	DFHRMSY	Error on INITIATE_RECOVERY call to RM domain
AETO	DFHRMSY	Error on INITIATE_RECOVERY call to RM domain
AETP	DFHRMSY	Error on TERMINATE_RECOVERY call to RM domain
AETQ	DFHRMSY	Error on INQUIRE_UOW call to RM domain
AETR	DFHRMSY	Error on INQUIRE_UOW call to RM domain
AETS	DFHRMSY	Error on INQUIRE_STARTUP call to RM domain
AEXC	DFHEIP	RESIDERR condition not handled
AEXF	DFHEIP	ESCERROR condition not handled
AEXG	DFHEIP	UOWLNOTFOUND condition not handled
AEXI	DFHEIP	TERMERR condition not handled
AEXJ	DFHEIP	ROLLEDBACK condition not handled
AEXK	DFHEIP	END condition not handled
AEXL	DFHEIP	DISABLED condition not handled

Abend	Module	Explanation
AEXU	DFHEIDTI, DFHEIQDS, DFHEIQSA, DFHEIQSC, DFHEIQSM, DFHEIQSP, DFHEIQST, DFHEIQSX	NOTPOSS condition raised on encountering invalid parameter
AEXV	DFHEIP	VOLIDERR condition not handled
AEXW	DFHEIP	SUPPRESSED condition not handled
AEXX	DFHEIP	TASKIDERR condition not handled
AEXY	DFHxxx	Transaction purged before control was returned For module list, see <i>CICS Messages and Codes</i>
AEXZ	DFHxxx	Command failed due to serious failure in CICS component For module list, see <i>CICS Messages and Codes</i>
AEX0	DFHEIP	TCIDERR condition not handled
AEX1	DFHEIP	DSNNOTFOUND condition not handled
AEX2	DFHEIP	LOADING condition not handled
AEX3	DFHEIP	MODELIDERR condition not handled
AEX4	DFHEIP	RECORDBUSY condition not handled
AEX5	DFHEIP	PARTNERIDERR condition not handled
AEX6	DFHEIP	PROFILEIDERR condition not handled
AEX7	DFHEIP	NETNAMEIDERR condition not handled
AEX8	DFHEIP	LOCKED condition not handled
AEX9	DFHEIP	RECORDBUSY condition not handled
AEYA	DFHEIP	INVERRTERM condition not handled
AEYB	DFHEIP	INVMPSZ condition not handled
AEYC	DFHEIP	IGREQID condition not handled
AEYD	DFHSRP	Storage violation by CICS
AEYE	DFHEIP	INVLDC condition not handled
AEYG	DFHEIP	JIDERR condition not handled
AEYH	DFHEIP	QIDERR condition not handled
AEYJ	DFHEIP	DSSTAT condition not handled
AEYK	DFHEIP	SELNERR condition not handled
AEYL	DFHEIP	FUNCERR condition not handled
AEYM	DFHEIP	UNEXPIN condition not handled
AEYN	DFHEIP	NOPASSBKRD condition not handled
AEYO	DFHEIP	NOPASSBKWR condition not handled
AEYP	DFHEIP	SEGIDERR condition not handled
AEYQ	DFHEIP	SYSIDERR condition not handled
AEYR	DFHEIP	ISCINVREQ condition not handled
AEYT	DFHEIP	ENVDEFERR condition not handled
AEYU	DFHEIP	IGREQCD condition not handled
AEYV	DFHEIP	SESSIONERR condition not handled
AEYX	DFHEIP	USERIDERR condition not handled
AEYY	DFHEIP	NOTALLOC condition not handled
AEYZ	DFHEIP	CBIDERR condition not handled
AEY0	DFHEIP	INVEXITREQ condition not handled
AEY1	DFHEIP	INVPARTNSET condition not handled
AEY2	DFHEIP	INVPARTN condition not handled
AEY3	DFHEIP	PARTNFAIL condition not handled
AEY6	DFHUEM	Internal logic error in DFHUEM
AEY7	DFHEIP	NOTAUTH condition not handled
AEY8	DFHEIP	No DSA found on chain trying to free dynamic storage
AEY9	DFHEIP, DFHEEI	Invalid EXEC CICS command issued

Abend	Module	Explanation
AEZA	DFHEIP	AMODE 24 program defined in transaction with TASKDATALOC=ANY
AEZB	DFHERM	AMODE 24 task related user exit defined in transaction with TASKDATALOC=ANY
AEZC	DFHAPLI	AMODE 24 program defined in transaction with TASKDATALOC=ANY
AEZD	DFHAPLI	Attempt to run EXECKEY(USER) program in transaction with TASKDATAKEY(CICS) defined
AEZE	DFHEIP	CHANGE condition not handled - see AEIA
AEZF	DFHEIP	PROCESSBUSY condition not handled - see AEIA
AEZG	DFHEIP	ACTIVITYBUSY condition not handled - see AEIA
AEZH	DFHEIP	PROCESSERR condition not handled - see AEIA
AEZI	DFHEIP	ACTIVITYERR condition not handled - see AEIA
AEZJ	DFHEIP	CONTAINERERR condition not handled - see AEIA
AEZK	DFHEIP	EVENTERR condition not handled - see AEIA
AEZL	DFHEIP	TOKENERR condition not handled - see AEIA
AEZM	DFHEIP	NOTFINISHED condition not handled - see AEIA
AEZN	DFHEIP	POOLERR condition not handled - see AEIA
AEZO	DFHEIP	TIMERERR condition not handled - see AEIA
AEZP	DFHEIP	SYMBOLERR condition not handled - see AEIA
AEZQ	DFHEIP	TEMPLATERR condition not handled - see AEIA
AFCB	DFHEIFC	Unexpected response from DFHFCEI resource level security check
AFCC	DFHEIFC, DFHDMPCA	Internal logical error on calling file control request module DFHFCFR
AFCD	DFHEIFC	Irrecoverable error as table manager tries to locate AFCT
AFCE	DFHEIFC	A GETMAIN for FFLE storage failed
AFCF	DFHEIFC, DFHDMPCA	File control deadlock between tasks
AFCG	DFHEIFC, DFHDMPCA	File issued sequence of file control requests that would deadlock itself
AFCH	DFHEIFC	Request to disabled or closed table
AFCJ	DFHFUC	Task taking longer than DTIMEOUT interval specified for CSFU
AFCK	DFHDMPCA, DFHEIFC	File update request issued against RLS mode data set during backup
AFCL	DFHDTLX	Response could not continue during loading of Shared Data Table by CSFL txn
AFCM	DFHDTLX	Data table load failed
AFCN	DFHDMPCA, DFHEIFC	Journal record too large for journal buffer
AFCO	DFHDTLX	Transaction not internally attached by CICS on attempt to attach
AFCR	DFHEIFC, DFHDMPCA	SMSVSAM server address space has failed
AFCS	DFHEIFC, DFHDMPCA	SMSVSAM server address space was inactive
AFCT	DFHEIFC, DFHDMPCA	SMSVSAM server has been recycled since an earlier request from same UOW
AFCU	DFHEIFC, DFHDMPCA	Data set in lost locks state
AFCV	DFHEIFC, DFHDMPCA	Request against file in RLS mode unable to acquire record lock
AFCW	DFHEIFC, DFHDMPCA	FC request against file in RLS mode would cause deadlock
AFCY	DFHDMPCA, DFHEIFC	Transaction purged during file request
AFCZ	DFHDMPCA, DFHEIFC	Irrecoverable error response from DFHFCFR to its caller
AFC0	DFHEIFC, DFHDMPCA	Updating file after file control restart failed
AFC2	DFHFUC	Disastrous error from DFHFCFS on open file request

Abend	Module	Explanation
AFC7	DFHDMPCA	Disastrous error response from DFHFCFS to DFHDMPCA
AFDA	DFHFCQT	Attach of transaction failed - not internally attached by CICS
AFDB	DFHFCQT	Transaction not CFQS or CFQR
AFDC	DFHFCQT	CFQS failed due to serious error
AFDD	DFHFCQT	CFQR failed due to serious error
AFDE	DFHFCD	Attach of transaction failed - not internally attached by CICS
AFDF	DFHFCOR	Attach of transaction failed - not internally attached by CICS
AFDG	DFHFCOR	CFOR failed due to serious error
AFDH	DFHEIFC, DFHDMPCA	VSAM RLS unable to create new locks - coupling facility full
AGMA	DFHGMM	No terminal specified for Good Morning transaction
AICA	DFHSRP	Task executing for longer than runaway time interval
AICB	DFHICP	RETRIEVE WAIT reissued in system shutdown
AICC	DFHTAJP, DFHICP	Incorrect response from a TI domain request
AICD	DFHICP	Incorrect response from a KE domain request
AICE	DFHICP	Incorrect response from a DS domain request (other than AICG)
AICF	DFHICP	Incorrect response from a TM domain request
AICG	DFHICP	PURGED response from DS request with reason code TASK_CANCEL
AICH	DFHICP, DFHEIIC	Task purged before request to SM domain completed successfully
AICJ	DFHICP	Error on call to SM domain
AICK	DFHEIIC	Invalid response from resource level security check
AICL	DFHEIIC	Invalid function code in the command level parameter list
AICN	DFHICP	Incorrect response from US domain request
AICO	DFHICXM	Unexpected EXCEPTION response on call to US domain
AICQ	DFHDFST	DFHDFST is executing at a terminal which is not permitted.
AICS	DFHDFST	DFHDFST has encountered an error during Retrieve processing.
AICT	DFHDFST	DFHDFST has encountered an error during START processing.
AICR	DFHCRR	Failure of DFHTC write request for IRC
AINA	DFHINDT	Application program failed to pass commarea containing request to be executed on LINK command
AINB	DFHINDT	Commarea passed did not contain valid request to be executed
AINC	DFHINDT, DFHINDAP	INQUIRE EXITPROGRAM failed with NOTAUTH response
AIND	DFHINDT, DFHINDAP	INQUIRE EXITPROGRAM failed with unexpected response
AINE	DFHINDT	Error on START_LINK_BROWSE command to RM domain
AINF	DFHINDT	EXCEPTION response on GET_NEXT_LINK call to RM domain
AING	DFHINDT	Error on GET_NEXT_LINK call to RM domain
AINH	DFHINDT	Error on END_LINK_BROWSE command to RM domain
AINI	DFHINDT	Error on INQUIRE_UOW command to RM domain
AINJ	DFHINDT	Exception response on INITIATE_RECOVERY call to RM domain
AINK	DFHINDT	Error on INITIATE_RECOVERY call to RM domain
AINL	DFHINDT	Error on SET_RECOVERY_STATUS command to RM domain
AINM	DFHINDT	Error on TERMINATE_RECOVERY command to RM domain
AINN	DFHINTRU	Error on ADD_LINK command to RM domain
AINO	DFHINTRU	INQUIRE TRANSACTION command failed with NOTAUTH response
AINP	DFHINTRU	INQUIRE TRANSACTION command failed with unexpected response
AINQ	DFHINTRU	INQUIRE TASK command failed with TASKIDERR response
AINR	DFHINTRU	INQUIRE TASK command failed with NOTAUTH response
AINS	DFHINTRU	INQUIRE TASK command failed with unexpected response
AIOA	DFJIIOP	The main method within CICSMain invoked with a null COMMAREA
AIOB	DFJIIOP	checkbytes method within CICSCommareaMapping detected an error
AIOC	DFJIIOP	setbytes method within CICSCommareaMapping detected an error

Abend	Module	Explanation
AIOD	DFJIIOP	setIOPDataFromTSQ method within CICSCCommareaMapping detected an error
AIOE	DFJIIOP	setIOPDataFromTSQ method within CICSCCommareaMapping detected an error
AIOF	DFJIIOP	setIOPDataFromTSQ method within CICSCCommareaMapping detected an error
AIOG	DFJIIOP	The main method within CICSCMain failed to initialize the ORB
AIOH	DFJIIOP	The main method within CICSCMain has received unexpected return code from ProcessMessage
AIOI	DFJIIOP	setBytes method within CICSCCommareaMapping has detected an error
AIOJ	DFJIIOP	writelIOPDataToTSQ method within CICSCCommareaMapping has detected an error
AIOK	DFJIIOP	writelIOPDataToTSQ method within CICSCCommareaMapping has detected an error
AIOV	DFJIIOP	setBytes method within CICSCCommareaMapping has detected an error
AIO0	DFHIIOP DFHIIOPA	Programme check when IOP/CORBA call processed
AIO1	DFHIIOP DFHIIOPA	Call to Socket domain failed
AIO2	DFHIIOP DFHIIOPA	IOP/CORBA data stream contains invalid header or data structure
AIO3	DFHIIOP DFHIIOPA	WRITEQ/READQ TS call detected that queue modified by another process
AIO4	DFHIIOP DFHIIOPA	IOP transaction CIOF has been started incorrectly.
AISA	DFHMIRS	CSMI attached to facility other than terminal
AISB	DFHMIRS	Errors detected in data for mirror transaction
AISC	DFHMIRS	TIOA not received from terminal by mirror transaction
AISD	DFHMIRS	Mirror program received nonzero return code
AISF	DFHMIRS	Facility for mirror is APPC, conversation unmapped
AISG	DFHMIRS	Mirror transaction could not send reply
AISH	DFHCRNP	Incorrect invocation of CSNC
AISI	DFHISP	Invalid function shipping request from DFHEIP to DFHISP
AISJ	DFHCRNP	CSNC abended because LINK to DFHCRR failed
AISK	DFHISP	Mirror transaction abended
AISL	DFHLUP, DFHCLS3, DFHCLS4, DFHZLS1	LU services manager transaction started directly from user terminal
AISN	DFHCRNP	CSNC failed to acquire SUSPEND TOKEN
AISO	DFHCRNP	CSNC failed to suspend itself
AISP	DFHMIRS	Mirror transaction invoked with invalid principal facility
AISQ	DFHMIRS	EXEC CICS command issued for CPI Communications session
AISR	DFHCRR	DFHCRR invoked in an incorrect manner
AISS	DFHZARM	Security violation at start of APPC conversation
AIST	DFHCRNP	Unexpected return code after DFHTC TYPE=LOCATE
AISU	DFHMIRS	Error on call to SM domain
AISV	DFHMIRS	PURGED condition on call to SM domain to FREEMAIN
AISW	DFHCRSP	Error on call to SM domain
AISX	DFHCRSP	PURGED condition on call to SM domain to GETMAIN or FREEMAIN
AISY	DFHLUP	Invalid parameters for LU services manager
AISZ	DFHMXP	Unexpected reply when committing START PROTECT NOCHECK requests
AIS1	DFHCRSP	Unexpected return code after DFHMROQM FUNC=ENQ command
AIS2	DFHCRNP	Unexpected return code after DFHMROQM FUNC=WAIT_Q command
AIS3	DFHCRNP	Failed to issue store clock instruction
AIS4	DFHCRNP	Unexpected return code after DFHMROQM FUNC=ENQUEUE command
AIS5	DFHCRNP	Unexpected return code after DFHMROQM FUNC=ENQUEUE command
AIS6	DFHMIRS	DISASTER, EXCEPTION, or INVALID condition on call to SM domain
AIS7	DFHMIRS	PURGED condition on call to SM domain
AIS8	DFHMIRS	Internal logic error in DFHMIRS

Abend	Module	Explanation
AIS9	DFHMIRS	DPL server program returned invalid state after LINK command
AITA	DFHCRNP	Error on call to RM domain
AITB	DFHISP	Error on call to RM domain
AITC	DFHMIRS	Error on call to RM domain
AITD	DFHMIRS	Mirror program received unexpected response from RX domain
AITE	DFHMIRS	RTIMOUT interval exceeded on transactional EXCI request
AITF	DFHMIRS	Transactional EXCI request purged waiting on event
AITG	DFHMIRS	Transactional EXCI request executed and both a further request from the batch region <b>and</b> a suynpoint initiated by RRMS occurred
AJA0	DFJCICS	Invalid Resp code passed to SetAbendForCondition method
AJCD	DFHJCP	Error on call to SM domain
AJCE	DFHJCP	Task purged before GETMAIN request to SM domain completed
AJCS	DFHJCP	Error on call to LM domain
AJCT	DFHJCP	Error on call to RM domain
AJCU	DFHJCP	Purge response from log manager or recovery manager
AJ01	DFJCICS	Main method of java environment setup class invoked without argument
AJ02	DFJCICS	CICS AbendError caught by the java environment setup class, Wrapper
AJ03	DFJCICS	CicsConditionException caught by Wrapper
AJ04	DFJCICS	Unexpected condition caught by Wrapper
AJ05	DFJCICS	Unhandled exception from Java application
AJ07	DFJCICS	Wrapper unable to invoke the user's main method
AJ09	DFJCICS	Wrapper unable to invoke the user's main method
AJ99	DFJCICS	Wrapper detected AbendException and issued setAbend - abend code extracted from AbendException is too long
AJMA	DFHCJVM	Change directory to CICS_HOME failed
AJMB	DFHAPLJ	Call to JVM program disallowed due to previous JVM terminationerrors
AJMC	DFHAPLJ	CICS JVM interface failed to call user replaceable module DFHJVMAT
AJM1	DFHCJVM	JNI_CreateJavaVM request failed
AJM2	DFHCJVM	JVM failed to find the CICS Wrapper Class
AJM3	DFHCJVM	JVM failed to find the main method of the CICS Wrapper class
AJM4	DFHCJVM	JVM failed to build the argument list for the CICS Wrapperclass.
AJM5	DFHCJVM	The CICS Wrapper class threw an exception
AJM6	DFHCJVM	CICS JVM interface failed to set up CICS Recovery facilities.
AJM7	DFHCJVM	CICS JVM interface failed to delete CICS Recovery facilities.
AJM8	DFHAPLJ	A severe error occurred whilst the JVM was executing
AJM9	DFHCJVM	CICS JVM interface failed to load user replaceable module DFHJVMAT.
AKCB	DFHKCRP	Transaction manager restart task could not complete
AKCC	DFHXMAT, DFHXMCL	Purge threshold on TRANCLASS reached
AKCE	DFHKCQ	Write to system log failed
AKCF	DFHKCQ	Write to catalog failed
AKCR	DFHXCP	Transaction manager received an invalid request code
AKCS	DFHXCP	Deadlock time-out has occurred
AKCT	DFHXCP	Terminal read-time-out has occurred
AKCV	DFHALP	Unexpected return code on resume of suspended task
AKC0	DFHAPATT	Attempt to run CSSY as user transaction
AKC1	DFHXCP	DFHKC WAIT when ECB already marked as waiting
AKC2	DFHXCP	Unexpected response from DS domain call
AKC3	DFHXCP, DFHXMAT, DFHXMCL, DFHXMIC, DFHXMIA	Task has been purged
AKC6	DFHXCP	DFHKC SUSPEND did not precede DFHKC RESUME

Abend	Module	Explanation
AKC8	DFHXCP	Unexpected response from call to KE domain for task purge
AKC9	DFHXCP	Error from call to NQ domain
AKEA	DFHKESTX	Program check detected by KE domain
AKEB	DFHKESTX	Operating system abend detected by KE domain
AKEC	DFHKESTX, DFHKERRU	Runaway detected by KE domain
AKED	DFHKEEDA	Deferred abend request in KE domain
AKEF	DFHKERKE	Error detected while processing KE domain call
AKEG	DFHKESGM	MVS GETMAIN for kernel stack storage failed
AKEH	DFHKESTX	Transaction purged while running outside control of CICS.
AKEI	DFHKESTX	Kernel domain detected runaway while transaction is outside control of CICS.
AKEZ	DFHKETA	Failure of user attach - insufficient kernel tasks
AKSE	DFH99KC	No code for keyword
ALGA	DFHLGGL, DFHLGJN, DFHLGLD, DFHLGST	Error obtaining lock within log manager domain
ALGB	DFHLGGL, DFHLGJN, DFHLGLD, DFHLGST	Error releasing lock within log manager domain
ALGC	DFHLGGL, DFHLGJN, DFHLGLD, DFHLGST	Disaster response detected processing building block code used by log manager domain
ALGD	DFHLGCM, DFHLGGL, DFHLGJN, DFHLGLD, DFHLGST	Disaster response detected processing building block storage interface code used by log manager domain
ALGE	DFHLGJN	Unexpected error while log manager attempted to find journal model definition
ALGF	DFHLGGL, DFHLGJN, DFHLGST	Unexpected error when log manager attempted enqueue/dequeue operation
ALGG	DFHLGQC	Transaction CSQC issued from a terminal
ALIA	DFHAPLI	Insufficient storage to satisfy GETMAIN request
ALIB	DFHAPLI	Insufficient storage to satisfy GETMAIN request
ALIC	DFHAPLI	Insufficient storage to satisfy GETMAIN request
ALID	DFHAPLI	Insufficient storage to satisfy GETMAIN request
ALIE	DFHAPLI	Insufficient storage to satisfy GETMAIN request
ALIF	DFHAPLI	Insufficient storage to satisfy GETMAIN request
ALIG	DFHAPLI	CICS unable to determine language of user application program
AMI1	DFHMIRS	Unexpected response when mirror task resumed
AMNA	DFHCMP	Exception response from MN domain—invalid address in DATA1
AMNB	DFHCMP	Exception response from MN domain—invalid data in DATA2
AMNZ	DFHCMP	Unexpected error response from MN domain
AMSA	DFHMSP	SBA not followed by two 1-byte address fields
AMSB	DFHMSP	Internal logic error in DFHMSP
AMSC	DFHMSP	Task purged before GETMAIN to SM domain completed
AMSD	DFHMSP	Error on call to SM domain
ANQA	DFHNQED, DFHNQIB, DFHNQNQ, DFHNQST	Error occurred obtaining lock within enqueue domain

Abend	Module	Explanation
ANQB	DFHNQED, DFHNQIB, DFHNQNQ, DFHNQST	Error occurred releasing lock within enqueue domain
ANQC	DFHNQED	Error occurred obtaining sysplex enqueue
ANQD	DFHNQED	Error occurred obtaining sysplex enqueue
ANQE	DFHNQRN	EXEC ENQ issued and enqmodel disabled or in waiting state
APCF	DFHAPLI	Program not compiled with supported PL/I compiler
APCG	DFHxxx	Transaction purged For module list,see <i>CICS Messages and Codes</i>
APCH	DFHAPLI	COBOL II or LE/370 support not present
APCI	DFHAPLI	Execution of PL/I programs has been disabled
APCJ	DFHAPLI	C/370 does not recognize program
APCK	DFHAPLI	Execution of C program disabled
APCL	DFHAPLI	Language Environment/370 unable to determine program language
APCN	DFHxxx	Attempt to release program/mapset/partitionset that is not loaded or has already been deleted. For module list, see <i>CICS Messages and Codes</i>
APCO	DFHAPXM	GETMAIN of storage for LEVEL 2 trace failed during transaction initialization
APCS	DFHAPLI	CICS could not get run time information from LE/370
APCT	DFHxxx	Program/mapset/partitionset failure. For module list, see <i>CICS Messages and Codes</i>
APCW	DFHAPLI	Compiler level for COBOL program cannot be determined
APCY	DFHAPLI	Macro request from PL/I or COBOL application
APCZ	DFHAPLI	Program not reentrant and cannot be loaded into read-only storage
APC0	DFHPCP, DFHMCY	Serious error on call to program manager domain
APC1	DFHAPLI	Request for TGT exceeding 64KB in size
APC2	DFHAPLI	Illegal branch following abend condition
APC3	DFHAPLI	No Language Environment/370 support present for program
APC4	DFHPCPC2	Loader domain define request failed for program ILBOCOM
APC5	DFHPCPC2	Loader domain load request failed for program ILBOCOM
APC6	DFHPCPC2	An internal error has occurred
APC7	DFHPCPC2	An MVS IDENTIFY call for entry point ILBOCOM0 failed
APC8	DFHPCPC2	An MVS LOAD of ILBOCOM0 has failed
APC9	DFHPCPC2	An MVS LOAD of ILBOCOM has failed
APLx		PL/I abend code (see <i>OS/VS PL/I Optimizing Compiler: Programmer's Guide</i> )
APP1	DFHP3270	Invalid DFHIC TYPE=GET response code
APP2	DFHP3270	Data length passed to DFHP3270 less than or equal to 5
APP3	DFHP3270	Invalid request to nonprinter
APR1	DFHPRK	Invalid DFHIC TYPE=PUT response code
APSJ	DFHPSIP	Spooler initialization program incorrectly invoked
APST	DFHEPS	SPOOL command without NOHANDLE operand
APSU	DFHPSPST	Invalid JES return code to spooler
APSV	DFHPSPST	VSAM macro return code contains invalid value
APSW	DFHPSPST	Abend in CICS system spooler subtask
APSX	DFHPSPST	A CICS storage area contains invalid value
APSY	DFHPSPST	Storage area for MVS macro return code contains invalid value
APSZ	DFHPSPST	CICS area for JES interface return code contains invalid value
APTI	DFHPSPST	Task purged before GETMAIN request to SM domain completed
APTJ	DFHPSPST	Error on call to SM domain
APUA	DFHPUP	GETSTG parameter missing on call to DFHPUP (PUPF)
APUB	DFHPUP	GETSTG parameter missing on call to DFHPUP (PUPU)
APUC	DFHPUP	Invalid function code supplied on domain call to DFHPUP
APUD	DFHPUP	Unable to locate RDO language definition table (DFHEITSP)
APUE	DFHPUP	Lack of storage to load RDO language definition table (DFHEITSP)
APUF	DFHPUP	RDO language definition table invalid or missing



Abend	Module	Explanation
APUG	DFHPUP	Storage cannot be obtained for CSD record buffer
APUH	DFHPUP	Storage cannot be obtained for argument list
APUI	DFHPUP	Storage cannot be freed for argument list
APUJ	DFHPUP	Storage cannot be freed for CSD record buffer
APUK	DFHPUP	Unable to obtain storage
APUL	DFHPUP	Unrecognized resource type code (FLATTEN)
APUM	DFHPUP	Unrecognized resource type code (TRANCASE)
APUN	DFHPUP	Unrecognized resource type code (COMPARE)
APUO	DFHPUP	Unrecognized resource type code (BACKTRANS)
APUP	DFHPUP	Error processing language definition table for RDO
APUQ	DFHPUP	Error processing language definition table for RDO
APUR	DFHPUP	Data type conflict
APUS	DFHPUP	Invalid integer data length for keyword field
APUT	DFHPUP	Invalid keyword existence bit number
APUZ	DFHPUP	Invalid resource type code in CSD record
APXA	DFHAPXM	User transaction's profile could not be found
ARCB	DFHRCEX	Initialization failure - exit program cannot be found
ARHA	DFHCPIR	SAA resource recovery interface has invalid first parameter
ARHB	DFHCPIR	Invalid number of parameters for SAA resource recovery call
ARHC	DFHCPIR	Unexpected return code from syncpoint program for SAA resource recovery interface
ARM0	DFHRMXN3	Transaction not internally attached by CICS
ARPA	DFHRTC	Unexpected response from DFHSUSN signing off user of CRTE transaction
ARPF	DFHRPAS	The alias could not be initialized
ARPG	DFHRPAS	The alias was not able to link to the CICS program
ARPH	DFHRPAS	The alias detected a global work area error
ARPI	DFHRPAS	The alias detected a logic error
ARPJ	DFHRPAS	The alias ends for one of various reasons
ARPK	DFHRPAS	The alias detected a CICS logic error
ARPL	DFHRPAS	The alias detected an authorization error
ARPM	DFHRPAS	The alias detected an error in user code
ARPN	DFHRPAS	The alias detected an error while trying to switch TCBs
ARPO	DFHRPAS	The alias program detected an abend
ARPU	DFHRPC01	The connection manager could not access the CICS ONC RPC data set
ARPV	DFHRPC0E	The connection manager received unexpected response from CICS
ARPW	DFHRPC0E	The connection manager received unexpected response from CICS
ARPX	DFHRPC01	The connection manager started against an invalid terminal
ARPZ	DFHRPC0B	The connection manager has insufficient authority
ARP2	DFHRPMS	The server controller detected internal error during CICS ONC RPC enable processing
ARP4	DFHRPMS	The server controller has performed an exception disable because of an internal error
ARP5	DFHRPMS	An invalid attempt was made to start the server controller
ARP9	DFHRPC01	There was not enough storage for the connection manager
ARTA	DFHRTE	Task does not own terminal as its principal facility
ARTB	DFHRTE	No input TIOA, or data length zero
ARTC	DFHRTE	Link not usable
ARTD	DFHRTE	Internal logic error in DFHRTE
ARTE	DFHRTE	Error in I/O to or from temporary storage
ARTF	DFHRTE	Invalid attempt to use CRTE
ARTG	DFHRTE	Profile not found
ARTH	DFHRTE	Error on call to schedule remote terminal delete during sign-off
ARUA	DFHXMURU	Exception condition on ADD_LINK during BIND phase of ATTACH
ARUB	DFHXMURU	A RUN SYNCHRONOUS command caused an attempt to attach a remotely defined transaction
ARUC	DFHXMURU	A RUN SYNCHRONOUS command caused an attempt to attach a transaction with an invalid USERID.

Abend	Module	Explanation
ARXA	DFHRXUW	Error attempting to express interest in RRMS Unit of Recovery
ARXB	DFHRXUW	Error on ADD_LINK call to Recovery Manager domain
ARXC	DFHRXUW	Error on transactional EXCI request
ASCA	DFHSMSCP	Disaster response to DFHSC TYPE=GETMAIN request from SM domain
ASCB	DFHSMSCP	Disaster response to DFHSC TYPE=FREEMAIN request from SM domain
ASCP	DFHSMSCP	Task purged while waiting for contiguous main storage
ASCR	DFHSMSCP	Invalid storage control request type
ASDA	DFHCESD	CESD started directly from a terminal not internally by CICS
ASFA	DFHSFP	Unexpected response from EXEC CICS
ASFB	DFHSFP	Attempt to execute CICS signoff without an associated terminal
ASFC	DFHSFP	Attempt to execute CICS signoff program against APPC session
ASHA	DFHSHDM	Command failed due to a serious failure in a CICS component
ASHB	DFHSHDM	Command failed due to a serious failure in a CICS component
ASHR	DFHSHRSP	Command failed due to a serious failure in a CICS component
ASHU	DFHSHRSP	Abend occurred due to a routing failure
ASH2	DFHSHXM	Resources required to service request unobtainable
ASH3	DFHSHRM	Transaction bound to a Scheduler Services request has backed out (default abend code)
ASH4	DFHSHXM	Scheduler Services attempted to attach a disabled transaction.
ASIA	DFHSII1	Error on call to SM domain
ASIB	DFHSIPLT	Invalid attempt to run CICS internal task CPLT as user transaction
ASNA	DFHSNP	Unexpected response from EXEC CICS
ASNB	DFHSNP	Attempt to execute CICS signon without an associated terminal
ASNC	DFHSNP	Signon program failed to send request to user
ASND	DFHSNTU	Request from DFHSNTU to ENQ failed during signoff terminal user
ASOA	DFHSOL	TCP/IP listener task CSOL incorrectly started from a terminal
ASPA	DFHAPAC	Task purged before request to RM domain completed successfully
ASPB	DFHAPAC	Error on call to RM domain
ASPC	DFHSPP	Error on call to bridge syncpoint routine (DFHBRSP)
ASPF	DFHAPAC	ROLLEDBACK returned to RM domain
ASPI	DFHCR2U	Unexpected FMH or no data received from partner system
ASPJ	DFHCR2U	Unexpected syncpoint message data received from partner system
ASPN	DFHAPAC	Transaction has issued an EXEC CICS RETURN in backout required program state
ASPO	DFHAPAC	Intersystem session failed during syncpoint
ASPP	DFHAPAC	Intersystem session failed during syncpoint
ASPQ	DFHAPAC	Intersystem communication failed during syncpoint
ASPR	DFHAPAC	Intersystem communication failed during syncpoint
ASP1	DFHAPAC	Intersystem communication failed during syncpoint
ASP2	DFHAPAC	Syncpoint attempted with intersystem conversation in invalid state
ASP3	DFHAPAC	No syncpoint taken in remote system
ASP7	DFHAPAC	Resource manager replied 'No' to request to 'Prepare'
ASP8	DFHAPAC	Syncpoint rollback not supported
ASP9	DFHEISP	User Syncpoint not allowed in activation
ASQA	DFHCRRSY	Communication session failed during CLS2 processing
ASQB	DFHCRRSY	Logic error during CLS2 processing
ASQC	DFHCRRSY	CLS2 transaction attached with unexpected start code
ASQD	DFHCRRSY	CLS2 transaction could not use transaction manager for input parameters
ASQE	DFHCRRSY	The CLS2 transaction requested a warm exchange log names but did not receive a warm exchange log names reply
ASQG	DFHCRRSY	CLS2 transaction failed during receipt of data via MRO session
ASQH	DFHCRRSY	CLS2 transaction failed during receipt of data via MRO session
ASQI	DFHCRRSY	Attempt to invoke CICS recovery manager to save logname failed
ASQK	DFHCRRSY	CICS internal logic error
ASQL	DFHCRRSY	Invocation of TERMINATE_RECOVERY command to unlock data failed
ASQM	DFHCRRSY	CICS internal logic error

Abend	Module	Explanation
ASRA	DFHSRP	Program check has occurred
ASRB	DFHSRP	Operating system abend
ASRD	DFHSRP	Invalid macro call or reference to CSA or TCA
ASRE	DFHSRP	Attempt to access a CICS-DB2 RCT load module terminated task
ASRK	DFHSR1	DFHSR1 unable to call system recovery program (DFHSRP)
ATCA	DFHZARQ	DFHTC macro issued when in final quiesce mode
ATCB	DFHZARQ	Two consecutive reads or writes without intervening wait
ATCC	DFHZARQ	Read or more than one write issued using pipeline session
ATCD	DFHZDSP, DFHZERH	CTYPE or QUEUE issued and VTAM or ZCP function not included in system
ATCE	DFHZARQ	DFHTC request issued without address of TIOA
ATCF	DFHZCRQ	DFHTC CTYPE macro issued to non-VTAM TCTTE
ATCG	DFHZARQ	DFHTC request for terminal which program does not own
ATCH	DFHxxx	Task purged before domain call completed successfully For module list,see <i>CICS Messages and Codes</i>
ATCI	DFHSZSUP DFHMRXM DFH62XM	Error occurred on call to DFHRTSU
ATCJ	DFHZATA DFHZATD DFHZATR	Invalid autoinstall invocation
ATCK	DFHZARQ	Write issued with CCOMPL=NO without authority
ATCL	DFHETL, DFHTCPCM, DFHZARQ	Error during automatic journaling or automatic logging
ATCN	DFHSZSUP DFH62XM DFHTFXM	Error during automatic journaling or automatic logging
ATCO	DFHZARQ	Function unsupported by terminal or system
ATCQ	DFHZRAQ	Temporary storage error
ATCR	DFHZRAR	Temporary storage error
ATCS	DFHZARQ	Send data after request change direction received
ATCT	DFHSZSUP DFHMRXM DFH62XM	Build of surrogate TCTTE for remotely-owned terminal failed
ATCU	DFHZARQ	Send in receive mode
ATCV	DFHETL, DFHZARQ, DFHZISP	Application attempted operation on logical unit which failed
ATCW	DFHSZSUP DFHMRXM DFH62XM	No installed profile definition for LU6.1 or APPC session
ATCX	DFHxxx	Error on call to SM domain For module list,see <i>CICS Messages and Codes</i>
ATCY	DFHZARQ, DFHSZSUP DFHMRXM DFH62XM	Error processing inbound FMH
ATCZ	DFHZSLS	Error in call to security domain
ATC1	DFHTCRP	Terminal control restart task failure
ATC2	DFHZSLS	VTAM rejected CICS SET VTAM OPEN request
ATC3	DFHZARQ	Write to TLX device issued with data length of 0 causing TIOA data length (TIOATDL) to be 0
ATC4	DFHTCRP	The XRF TCB abended
ATC5	DFHETL	Internal logic error in APPC mapped processing
ATC6	DFHETL	SEND DATA length greater than 65528 bytes

Abend	Module	Explanation
ATC7	DFHSUP	Unexpected response from INITIAL-CALL request to DFHZARL
ATC8	DFHETL	Error during processing of an inbound FMH
ATC9	DFHZNCE	RESUME issued without prior SUSPEND
ATDC	DFHETD	Task purged awaiting enqueue during READQ/WRITEQ or DELETEQ command
ATDY	DFHTDRP	Transient data initialization failed
ATDZ	DFHTDRP	CICS function invoked by TD init failed
ATFE	DFHTOUT1	FREEMAIN failed during CEDA CHECK or CEDA INSTALL
ATGE	DFHTOUT1	GETMAIN failed during CEDA CHECK or CEDA INSTALL
ATMA	DFHTMP	Task purged before GETMAIN request to SM domain completed successfully
ATMB	DFHTMP	Error on call to SM domain
ATNA	DFHZNAC	Terminal operator entered transaction identification for NACP
ATNC	DFHZARQ	TC request made after abend ATCH
ATND	DFHZARQ, DFHZARL, DFHSUP	Task termination postponed
ATNI	DFHZARL, DFHZARM, DFHZARQ, DFHZRAQ, DFHSUP	Task terminated by NEP (VTAM) or TEP (non-VTAM)
ATOA	DFHCESC	Invalid attempt to invoke CESC with terminal as principal facility
ATOB	DFHCESC	Abnormal response from EXEC CICS START TRANSACTION(CESC)
ATOC	DFHCESC	Failure of a DFHZCUT timeout request
ATOD	DFHCESC	Abnormal response from EXEC CICS CANCEL TRANSACTION(CESC)
ATOE	DFHCESC	Cannot determine time XRF takeover began
ATOF	DFHCESC	Abnormal response from EXEC CICS DELAY TRANSACTION(CESC)
ATOG	DFHCESC	Abnormal response from EXEC CICS START TRANSACTION(CEGN)
ATOH	DFHCESC	Failure of CESC due to an invalid function code
ATOT	DFHCEGN	CEGN RETRIEVE failure
ATOU	DFHCEGN	CEGN RETURN failure
ATOV	DFHCEGN	CEGN GETMAIN, ASSIGN or SEND failure
ATPA	DFHTPR	Error occurred estimating the length of a CICS message
ATPB	DFHTPR	Error occurred trying to retrieve a CICS message
ATPC	DFHTPQ	Error occurred estimating the length of a CICS message
ATPD	DFHTPQ	Error occurred trying to retrieve a CICS message
ATPE	DFHTPQ, DFHTPR	Task purged before GETMAIN request to SM domain completed successfully
ATPF	DFHTPQ, DFHTPR	Error on call to SM domain
ATRA	DFHTRP	Task abnormal termination requested by DFHTRAP
ATSA	DFHTSDQ	CTSD transaction attached other than by internal request
ATSB	DFHTSDQ	CTSD transaction attached with invalid parameters
ATSC	DFHEITS, DFHICP, DFHTSP	Task canceled during temporary storage command
ATSD	DFHEITS, DFHICP, DFHTSP	Unexpected response from DS domain
ATSP	DFHEITS, DFHTSP	Attempt to write to or delete a recoverable TS queue already deleted in the same unit of work
ATSQ	DFHEITS	Move of data to or from temporary storage failed
ATUF	DFH99KO	Insufficient space to build parameter list for DYNALLOC SVC
AUEL	DFHUEM, DFHERM	Internal logic error in CICS user exit management
AUEP	DFHUEH	User exit program sent return code UERCPURG to user exit handler
AUXA	CAUCAFB1	Unexpected error when one of TAU Detector exit programs called CAUTABM

Abend	Module	Explanation
AUXB	CAUCAFF3, CAUCAFF6, CAUCAFB1	The TAU Detector dataspace has filled up
AUYA	CAUCAFB1	The TAU Detector transaction (CAFB) received unrecognized request
AUYC	CAUCAFB1	The TAU Detector transaction (CAFB) received unexpected reply
AUYE	CAUCAFB2, CAUCAFF3	The TAU Detector program found an invalid affinity file number
AUYF	CAUCAFB1	The TAU Detector transaction (CAFB) not started by CAFF
AUYG	CAUCAFB1	The TAU Detector transaction (CAFB) still running at CICS termination
AUYH	CAUCAFF4, CAUCAFF5, CAUCAFB1	The TAU Detector program found invalid address in Detector GWA
AUYI	CAUCAFB2, CAUCAFF6	The TAU Detector transaction (CAFB of CAFB) had unexpected error
AUYJ	CAUCAFB2	One of the TAU affinity data files is full
AUZA	CAUCAFF1, to CAUCAFF6, CAUCAFF7, CAUCAFB1, CAUCAFB2, CAUCAF41	Unexpected error when CAFF or CAFB issued an EXEC CICS command
AUZB	CAUCAFF1, to CAUCAFF6, CAUCAFB1, CAUCAFB2	Unexpected error when CAFF or CAFB issued a VSAM FC EXEC CICS command
AUZC	CAUCAFF1, CAUCAFF2	Invalid internal field holding TAU Detector state
AUZD	CAUCAFF1, CAUCAFF2	CICS APPLID in TAU file does not match APPLID of CICS system
AUZF	CAUCAFF1, to CAUCAFF6, CAUCAFB1	Unexpected error when CAFF or CAFB issued a Detector user exit
AUZH	CAUCAFF3	Unexpected error when CAFF called CAUTABM to create MVS dataspace
AUZI	CAUCAFF3, CAUCAFF6	Unexpected error when CAFF called CAUTABM to create affinity table
AUZJ	CAUCAFF3	Unexpected error when CAFF called CAUTABM to add element to table
AUZK	CAUCAFF3	Unexpected error when CAFF attempted to initialize internal trace table
AUZL	CAUCAFF4	Unexpected error when CAFF attempted to release internal trace table
AUZN	CAUCAFF4	Unexpected error when CAFF called CAUTABM to destroy dataspace
AUZO	CAUCAFF6	Unexpected error when CAFF called CAUTABM to destroy table
AUZQ	CAUCAFF3	Unexpected error when CAFF CAUCAFP to create MVS CPOOL storage
AUZR	CAUCAFF4, CAUCAFF5, CAUCAFB1	Unexpected error when CAFF or CAFB called CAUCAFP to access storage
AUZS	CAUCAFF4	Unexpected error when CAFF called CAUCAFP to destroy MVS CPOOL storage
AUZU	CAUCAFF1	Unexpected error when CAFF calculated occupancy of dataspace occupied
AUZV	CAUCAFF1	Incorrect method of initiating TAU Detector transaction CAFF
AUZY	CAUCAFF3, CAUCAFB2	Unexpected error when CAFF or CAFB called CAUTABM to replace element
AUZZ	CAUCAFF3, CAUCAFF6	Unexpected error when CAFF called subroutine to update TT or UT
AUZ1	CAUCAFF3	Header record on VSAM affinity data file not found
AWBA	DFHWBXN	CICS Web Receive error encountered
AWBB	DFHWBBLI	CICS Web Business Logic Interface program parmlist error
AWBC	DFHWBENV, DFHWBTL	No commarea passed to CICS Web Interface utility program

Abend	Module	Explanation
AWBE	DFHWBBLI	Converter program attempted to change response area address
AWBF	DFHWBA	Web Interface alias detected an error in initialization
AWBH	DFHWBA	Web Interface alias detected a logic error
AWBI	DFHWBA	Web Interface alias received unexpected response from EXEC CICS ASSIGN STARTCODE
AWBJ	DFHWBA	Web Interface alias received unexpected response when it switched to RP TCB
AWBK	DFHWBA	Web Interface alias received an abend in converter or program servicing the request
AWBL	DFHWBA	*** NO DESCRIPTION FOUND ***
AWBM	DFHWBA	Web Interface alias detected an error from program DFHWBBLI.
AWBQ	DFHWBA1, DFHWBBLI	Web Business Logic Interface program detected error in parameter list
AWBR	DFHWBA1, DFHWBBLI	Web Business Logic Interface program detected a logic error
AWBU	DFHWBC01	Web Interface connection manager could not get storage
AWBV	DFHWBC04	Web Interface connection manager detected error response on EXEC CICS DEQ
AWBX	DFHWBC01	Web Interface connection manager started against invalid terminal type
AWBZ	DFHWBC0B	Web Interface connection manager detected NOTAUTH response to EXEC CICS EXTRACT EXIT
AWB2	DFHWBXN	Web Interface error in server controller attempting to disable
AWB3	DFHWBXN	Web Interface error trying to determine how server controller was started
AWB4	DFHWBXN	Web Interface server controller was invalidly started
AWB5	DFHWBM	Requested port in not available
AWB7	DFHWBENV	Web Interface environment variables program invoked with invoking task number of zero
AWB8	DFHWBGB	CWBG task started directly from terminal
AWB9	DFHWBC01	Web Interface connection manager failed for lack of storage
AWC1	DFHWBLT	Bridge exit DFHWBLT could not establish partnership with Web terminal translation task
AWC2	DFHWBLT	Bridge exit DFHWBLT passe an invalid state token
AWC3	DFHWBLT	Unsupported combination of BMS and terminal control commands passed
AWC4	DFHWBLT	Bridge exit DFHWBLT reinvoked after returning an earlier error
AWC5	DFHWBLT	Bridge exit DFHWBLT could not getmain a brxa user area
AWC6	DFHWBLT	Bridge exit DFHWBLT detected an incinsistency in request parameters or state data
AWC7	DFHWBXM	Web attach processing DFHWBXM could not proceed with the attach for a Web alias transaction due to a security error
AWC8	DFHWBXM	Web attach processing DFHWBXM could not proceed with the attach for a Web alias transaction due to an unexpected error
AWKY	DFHWKP	Failure of global catalog request during warm keypointing
AXFA	DFHXFP	File control request keylength zero
AXFB	DFHXFP	Unacceptable FMH type found
AXFC	DFHXFP	Invalid request passed to data transformation program
AXFD	DFHXFP	Invalid request for remote system
AXFE	DFHXFP	Transformation requested does not exist
AXFF	DFHXFP	Unacceptable queue organization found
AXFG	DFHXFP	Unacceptable argument number in data following FMH type 43
AXFH	DFHXFP	Unexpected argument in data following FMH type 43
AXFI	DFHXFP	Zero data length for WRITEQ TD or READQ TD
AXFJ	DFHXFP	Error code in UIBFCTR and UIBDLTR cannot be converted to SNA error code
AXFL	DFHXFP	Null chain of data received
AXFM	DFHXFP	ISCINVREQ condition raised
AXFO	DFHXFP	Check on DS and DBA parameters failed
AXFP	DFHXFP	No second FMH received
AXFQ	DFHXFP	FMH too short or too long
AXFR	DFHXFP	Length of data exceeds 32767

Abend	Module	Explanation
AXFS	DFHXFP	Maximum length of I/O area exceeds 65535
AXFT	DFHXFP	Size of output I/O area exceeds 65535
AXFU	DFHXFP	Invalid two-level cursor
AXFW	DFHXFP	Invalid length specification given
AXFX	DFHXFP	Function shipping request by APPC link failed protocols
AXFY	DFHXFP	APPC conversation failure for attach between CICS systems
AXF0	DFHXFP	Task purged due to lack of storage in a DSA
AXF1	DFHXFP	Unexpected return code from storage manager module DFHSMGF
AXF2	DFHXFP	Task purged because of insufficient storage in DSA
AXF3	DFHXFP	Unexpected return code from storage manager module DFHSMMC
AXF4	DFHXFX	Task purged before GET_BUFFER request completed successfully
AXF5	DFHXFX	Error on call to DFHEISR
AXF8	DFHXFX	Keyword shipped to system that does not support the function
AXMA	DFHxxx	Error obtaining a lock in transaction manager domain For module list,see <i>CICS Messages and Codes</i>
AXMB	DFHxxx	Error releasing a lock in transaction manager domain For module list,see <i>CICS Messages and Codes</i>
AXMC	DFHXMAT, DFHXMXE	Severe error allocating unique transaction number to a new transaction
AXMD	DFHXMAB	Invalid attempt to run CICS internal task CSXM
AXMY	DFHXMAT	Error obtaining transaction class membership
AXMZ	DFHXMTA	Severe error detected by the transaction manager domain
AXSA	DFHXS MN	Security control task could not complete
AXSC	DFHXS MN	Task purged before GETMAIN request to SM domain completed successfully
AXSD	DFHTCRP	Error on call to SM domain
AXTA	DFHXTP	Calculation of data length to be shipped failed
AXTB	DFHXTP	Obtain of TIOA to ship data failed
AXTC	DFHXTP	Data transform failed
AXTD	DFHXTP	No TIOA received from remote system
AXTE	DFHXTP	Data received from remote system not long enough
AXTF	DFHXTP	No relay process FMH received from remote system
AXTG	DFHXTP	Data transform from remote system failed
AXTH	DFHXTP	Locate of terminal identifier failed
AXTI	DFHXTP	Major request byte LUCOPN0 invalid
AXTJ	DFHXTP	Unexpected combination of bit settings in XTSSTAT and XTSTCOPC
AXTK	DFHXTP	APPC conversation failed on attach between CICS systems
AXTL	DFHXTP	Wrong sync level for processing APPC mapped data
AXTM	DFHXTP	Wrong sync level for message—protected transaction
AXTN	DFHETL	Application buffer chained off TCTTE (offset TCTERCSA) has corrupted header
AXTO	DFHXTP	Exception response from CICS security manager
AXTP	DFHXTP	Exception response from DFHCCNV to DFHXTP
AXTQ	DFHXTP	Exception response from DFHCCNV to DFHXTP
AXTR	DFHXTP	Exception response from DFHPGLE to DFHXTP
AZAB	DFHZARM	SEND DATA length greater than 65528
AZAD	DFHZCN1	DFHZCN1 started from unexpected place
AZAE	DFHZCN1	DFHZCN1 started from terminal facility but not LU6.2 session
AZAF	DFHZCN1	DFHZCN1 started for CCIN with errors
AZAG	DFHZCT1	DFHZCT1 started from unexpected place
AZAH	DFHZCT1	DFHZCT1 started from terminal facility but not LU6.2 session
AZAI	DFHZCT1	DFHZCT1 started for CTIN with errors
AZAJ	DFHZCN1	CCIN must be local transaction on region directly connected to client
AZAK	DFHZCT1	CTIN must be local transaction on region directly connected to client
AZCA	DFHZARM	DFHZARM conversation state conflict
AZCB	DFHZARM	Sense code X'088901xx' received during APPC mapped processing

Abend	Module	Explanation
AZCC	DFHZARM	Unsupported function management data
AZCD	DFHETL, DFHZARM	DFHZARM invalid data length received
AZCE	DFHETL, DFHZARM	Application data length to be received exceeds allowable limits
AZCF	DFHZARM	Invalid request to DFHZARL
AZCG	DFHZARM	Invalid TCTTE
AZCH	DFHETL, DFHZARM	Unexpected sense code X'0889xxxx' received while processing APPC mapped data
AZCI	DFHETL, DFHZARM, DFHZARQ	Invalid sync level
AZCJ	DFHZARM	System does not support APPC structured field with null data
AZCK	DFHZARM	Internal logic error in error recovery for APPC mapped processing
AZCL	DFHZARM	Sense code X'088901xx' received during APPC mapped processing
AZCM	DFHZARM	Error on call to SM domain
AZCN	DFHZARM	Task purged before GETMAIN request to SM domain completed successfully
AZCO	DFHZCGRP	VTAM persistent sessions initialization txn (CGRP) started directly from terminal
AZCP	DFHZSUP DFH62XM	Logic error in ZCP
AZCQ	DFHZSUP DFHMRXM DFH62XM	Error on call to RM domain
AZCR	DFHZARL	Error during APPC SYNCPOINT ROLLBACK request
AZCT	DFHZARQ	Terminal read-time-out has occurred
AZCU	DFHZCOVR	Invalid attempt to start COVR transaction
AZCV	DFHZCOVR	Logic error in COVR transaction while connecting to VTAM
AZCW	DFHZCSTP	Invalid attempt to run CICS internal task CSTP
AZIA	DFHZIS2	Transaction request for storage during MRO processing invalid
AZIB	DFHZIS2	Transaction purged while waiting for storage
AZIC	DFHZIS2	Error on call to SM domain to FREEMAIN
AZID	DFHZIS2	PURGED condition on call to SM domain to FREEMAIN
AZIE	DFHZARQ	IRC ISSUE-ERROR or ISSUE-ABEND violated IRC protocols
AZIF	DFHZARQ	Error on call to RM domain
AZI1	DFHZARQ	IRC data transmission protocol violated
AZI2	DFHZARQ	IRC data transmission cannot complete
AZI3	DFHZARQ	Conversation failed
AZI4	DFHZARQ	IRC link to connected transaction down
AZI5	DFHZARQ	IRC data transmission violated IRC protocols
AZI6	DFHZARQ	IRC connected transaction abnormally terminated
AZI7	DFHZIS2	Wait during MRO request rejected by CICS dispatcher
AZI8	DFHZIS1	Incorrect format for error log data
AZI9	DFHZIS2	Failing transaction purged during wait
AZRA	DFHZARRC	FMH address missing from APPC receive buffer
AZRB	DFHZARR0	First parameter is invalid in call to DFHZARR0
AZRD	DFHZARR0	APPC logical and physical receive buffers are out of step
AZRE	DFHZARR0	Logical APPC receive buffer starts outside physical buffer
AZRF	DFHZARRF	Invalid state error returned from DFHZUSR state machine
AZRG	DFHZARR	Invalid state error returned from DFHZUSR state machine
AZRH	DFHZARR	Invalid RECEIVE_TYPE in DFHZARR
AZRI	DFHZARR1	Invalid parameter passed to DFHZARR1
AZRJ	DFHZARR0	APPC record length exceeds receive buffer
AZRK	DFHZARRF	Invalid combination of fields in DFHLUC parameter list
AZRL	DFHZARRF	First parameter invalid in call to DFHZARRF



Abend	Module	Explanation
AZRM	DFHZARR	DFHZARR called one of its own routines at wrong time
AZRN	DFHZARRF	DFHLUC parameter list does not have LUCCIERR set on
AZRO	DFHZARER	First parameter invalid in call to DFHZARER
AZRP	DFHZARER	Invalid response from DFHZNAC
AZRQ	DFHZARRA	Invalid parameter in call to DFHZARRA
AZRR	DFHZARRA	Corrupted header in application buffer
AZRS	DFHZARRA	DFHZARRA cannot acquire main memory
AZRT	DFHZARRA	Invalid application buffer
AZRU	DFHZARRF	Unexpected response from DFHZARR0
AZRV	DFHZARR1	Unexpected response from DFHZARR0
AZRW	DFHZARRA	Negative record length in the TCTTE
AZRY	DFHZARR	Unexpected response from DFHZARRC
AZRZ	DFHZARR	Unexpected response from an internal subroutine
AZR2	DFHZARRA	DFHZARRA can not acquire main memory
AZR3	DFHZARRA	Task purged during GETMAIN request
AZR4	DFHZARER	Unexpected response from dispatcher domain call
AZR5	DFHZARR1	Unexpected response from dispatcher domain call
AZR6	DFHZARER	Exception condition from APPC routine DFHZARL to RM domain
AZS0	DFHZSTAP	DFHZSTAM macro passed invalid request
AZS1	DFHZSTAP	No TCTTE pointer passed via DFHZSTAM macro
AZS2	DFHZSTAP	TCTTE passed via DFHZSTAM does not relate to MRO or APPC conversation
AZS3	DFHZSTAP	No LUCX found for an APPC TCTTE
AZS4	DFHZSTAP	DFHZUSRM LUC State Machine has invalid setting
AZS5	DFHZSTAP	Internal State number has invalid setting
AZS6	DFHZSTAP	Internal State number has invalid setting
AZTA	DFHZTSP	Task does not own terminal as principal facility
AZTB	DFHZTSP	Attempt to delete/install remote terminal failed
AZTC	DFHZTSP	Failure of remote terminal install or delete caused by SOS condition
AZTF	DFHZTSP	TCTTE length error due to storage violation, or CICS logic error
AZTG	DFHZTSP	Principal facility not intersystem TCTTE
AZTH	DFHZTSP	Error response from remote terminal control macro
AZTI	DFHZTSP	Terminal not defined as remotely owned
AZTL	DFHZTSP	Request to invalid terminal
AZTM	DFHZTSP	Data has no FMH
AZTN	DFHZTSP	Conversation unexpectedly terminated
AZTO	DFHZTSP	TCTTE ownership chain in error
AZTP	DFHZTSP	BMS TYPE=STORE request failed
AZTQ	DFHZTSP	Invalid BMS data received from remote system
AZTR	DFHZTSP	BMS TYPE=PAGEOUT request failed
AZTS	DFHZTSP	Data ship to remote system failed
AZTT	DFHZTSP	Connection with remote system not APPC or MRO connection
AZTU	DFHZTSP	Link TCTTE not owned by task after syncpoint
AZTV	DFHZTSP	Invalid FMH received from remote system
AZTW	DFHZTSP	Attach request to task already running
AZTY	DFHZTSP	Maximum APPC sessions limit reached
AZTZ	DFHZTSP	Relay program DFHCRT attached in unsupported manner
AZT1	DFHZTSP	Task attached improperly in AOR when transaction routing
AZT3	DFHZTSP	Task is being routed back to region from where it came
AZT6	DFHZTSP	TOR has violated transaction routing protocol
AZT7	DFHZTSP	TCT entry for remotely owned APPC terminal can not be added to TCT
AZT8	DFHZTSP	TCT entry for remotely owned APPC terminal can not be deleted from TCT
AZT9	DFHZTSP	TCT entry for remotely owned APPC terminal can not be deleted from TCT as it is locked by another task
AZVA	DFHZATS	Time-out while waiting for service transaction CITS to complete

Abend	Module	Explanation
AZVB	DFHZATS	DFHZCQ failed to create remote terminal definition
AZVC	DFHZATS	Unexpected error in DFHZATS
AZVD	DFHZATS	Unexpected error in install procedure of DFHZATS
AZVE	DFHZATS	Terminal has same ID as an existing TCT entry
AZVF	DFHZATS	An attempt was made to start CITS/CDTS/CMTS/CFTS from a terminal
AZVG	DFHZATS	Error in remote delete routines
AZVH	DFHZATS	Error in remote delete routine while processing mass delete
AZVI	DFHZATS	Error in remote delete routine while processing single delete
AZVJ	DFHZATS	Error in mass deletion of remote terminals
AZVK	DFHZATS	Unexpected return code during deletion of single terminal
AZVL	DFHZATS	Error in mass flag routine of remote terminals for deletion
AZVM	DFHZATMF	Error in DFHZATMF
AZVN	DFHZATMF	CRMF started directly from terminal
AZVO	DFHZATMD	CRMD started directly from terminal
AZVP	DFHZATMD	Error in DFHZATMD
AZVQ	DFHZATS	Request to install a shipped terminal definition rejected by autoinstall user program
AZVR	DFHZATS	Unexpected return code from autoinstall user program
AZVS	DFHZATS	Error in autoinstall user program
AZVU	DFHZATS	Autoinstall of shipped terminal, virtual terminal or shipped connection failed
AZXA	DFHZXCU	Catch-up program finds unexpected error, reason code 5
AZXB	DFHZXCU	Catch-up program finds unexpected error, reason code 4
DHxx	DFH****	EXEC DL/I error or invalid status code (xx)
0100	DFHEAP DFHECP DFHEDP DFHEPP	Translator error opening listing data set
0101	DFHEAP DFHECP DFHEDP DFHEPP	Translator program check
0211	DFHPD DFHPDX	Recursive program check in system dump
0212	DFHPD DFHPDX	Too many program checks in system dump
0300	DFHCSDUP	SYSIN data set failed to open successfully
0301	DFHCSDUP	Invalid RECFM in SYSIN DD statement
0302	DFHCSDUP	Invalid record length in SYSIN DD statement
0303	DFHCSDUP	SYSPRINT data set has not opened successfully
0304	DFHCSDUP	DFHCSDUP found unrecognized resource type code in CSD record
0305	DFHCSDUP	Unexpected return code received
0307	DFHCSDUP	Attempt to print input command failed
0308	DFHCSDUP	Bad command sequence found migrating TCT table
0309	DFHCSDUP	Unrecognized function code found in command
0321	DFHCSDUP	Internal error in DFHCSDUP module
0322	DFHCSDUP	Table to be migrated could not be loaded
0323	DFHCSDUP	VSAM detected an error processing a command
0325	DFHCSDUP	Error occurred during execution of DFHDMP function
0326	DFHCSDUP	Internal logic error in DFHCSDUP utility program
0327	DFHCSDUP	Language table DFHEITCU could not be loaded
0328	DFHCSDUP	Language table DFHEITCU could not be unloaded
0330	DFHCSDUP	Cross-reference table size too small
0331	DFHCSDUP	*** NO DESCRIPTION FOUND ***
0332	DFHCSDUP	*** NO DESCRIPTION FOUND ***
0401	DFHXCSTB	EXCI call made in AMODE 24
0402	DFHXCPRH	Nonzero return code following MVS ESTAE issued by DFHXCPRH
0403	DFHXCPRH	Nonzero return code following MVS GETMAIN request by DFHXCPRH
0404	DFHXCPRH	EXCI dump services not available to take MVS SDUMP
0405	DFHXCPRH	Failure of SSI VERIFY request by DFHXCPRH

<b>Abend</b>	<b>Module</b>	<b>Explanation</b>
0406	DFHXCPRH	Failure of CICS SVC call during EXCI initialization
0407	DFHXCPRH	CICS SVC at the wrong level for EXCI
0408	DFHXCPRH	Failure of MVS GETMAIN request by DFHXCPRH for working storage
0409	DFHXCPRH	Failure of MVS GETMAIN request by DFHXCPRH for SSI VERIFY
0410	DFHXCPRH	Failure of MVS GETMAIN request by DFHXCPRH for XCUSER block
0411	DFHXCDMP	Failure of CICS SVC call by DFHXCDMP
0412	DFHXCEIP	Invalid function in EXEC parameter list of EXCI EXEC API request
0413	DFHXCEIP	Error in EXEC parameter list of EXCI EXEC API request
0414	DFHXCEIP	Nonzero return code following MVS ESTAE issued by DFHXCEIP
0415	DFHXCEIP	Error in EXCI initialization detected by DFHXCEIP
0501	DFHCALLA, DFHMSGIF, DFHTRCIF	JCICS request attempted on a pthread
0555	DFHAPLJ	CICS JVM interface percolation abend to drive LanguageEnvironment recovery



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## Chapter 14. 1xxx-9xxx (COBOL II) abend codes

Abend codes with 1 through 9 as the first character are issued by COBOL II applications running on CICS. The last three digits of the abend code, *xxx*, correspond to the *xxx* in the associated COBOL II run-time message, IGZ*xxx*I.

COBOL II run-time messages are described in the *VS COBOL II Application Program Debugging Guide*, SC26-4049.



## Chapter 15. VTAM-associated errors

This section lists the terminal error codes from VTAM.

### VTAM terminal error codes and CICS message numbers

Terminal error codes from VTAM are put in a one-byte field of the DFHZNAC COMMAREA (DFHNEPCA) at label TWAEC.

For those error codes that have CICS messages associated with them, you should see the *CICS Messages and Codes* for descriptions of the corresponding error conditions.

CICS message	Action flags set	Error code	Symbolic label
DFHZC0101		X'5D'	TCZPRDTO
DFHZC0125		X'FB'	TCZPSUNB
DFHZC0131		X'FC'	TCZPSOPN
DFHZC0144	11	X'7A'	TCZPSRAC
DFHZC0145	3 9 10 11 24 DUMPNTA	X'79'	TCZPSRAF
DFHZC0146		X'FD'	TCZPSRC
DFHZC0147	3 9 10 11 24 DUMPNTA	X'71'	TCZPSLE
DFHZC0148	9 10 11 24	X'72'	TCZPSVF
DFHZC0149		X'FF'	TCZPSPE
DFHZC0150	3 9 10 11 15 24 DUMPNTA	X'FE'	TCZPSRF
DFHZC0155	3 9 10 11 24 DUMPNTA	X'6C'	TCZPSAF
DFHZC0156		X'6D'	TCZPSAR
DFHZC2102	3	X'E9'	TCZSTIND
DFHZC2117	9 10 11 23 24	X'DB'	TCZPIPL
DFHZC2351	2 3	X'6F'	TCZSDAS
DFHZC2400	2 3 9 10 11 24 AOS	X'C1'	TCZSRCAT
DFHZC2401	2 3 9 10 11 24 OUTSERV	X'B1'	TCZRPLAC
DFHZC2402	3 11	X'B4'	TCZRSNE
DFHZC2403	2 5 18 24	X'11'	TCZSRCBF
DFHZC2404		X'E6'	TCZDMLG
DFHZC2404	2 3 9 10 11 24 AOS	X'14'	TCZLRCER
DFHZC2404	2 3 9 10 11 24 AOS	X'18'	TCZLRCNR
DFHZC2405	18	X'10'	TCZSRCTU
DFHZC2406	9 10 11 18	X'19'	TCZSRCTS
DFHZC2407	2 3 9 10 11 24	X'15'	TCZSRCPF
DFHZC2408	2 3 9 10 11 18 24	X'1A'	TCZSRCVE
DFHZC2408	2 3 9 10 11 18 24	X'1E'	TCZSRCV2
DFHZC2409	2 3 9 10 11 15 24	X'D0'	TCZTXCS
DFHZC2410	2 3 9 10 11 18 24	X'D1'	TCZTXCU
DFHZC2411		X'E0'	TCZDMSN
DFHZC2412		X'E1'	TCZDMRA
DFHZC2413	2	X'E2'	TCZDMCL
DFHZC2414		X'80'	TCZSRCSP

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CICS message	Action flags set	Error code	Symbolic label
DFHZC2416	18 24	X'13'	TCZSRCVH
DFHZC2417	2 24	X'1D'	TCZSRCVI
DFHZC2417		X'20'	TCZVTAMI
DFHZC2418	2 3 9 10 11 24 AOS	X'BB'	TCZSEXUC
DFHZC2419	2 3 9 10 11 24 AOS	X'82'	TCZSSXUC
DFHZC2420	2 3 9 10 11 24 AOS	X'B5'	TCZSAXUC
DFHZC2421	2 3 9 10 11 24	X'60'	TCZUNCMD
DFHZC2422	1 2 3 9 10 11 DUMPNTA	X'90'	TCZLGGER
DFHZC2423	3 9 10 11 24	X'74'	TCZSDSE5
DFHZC2424	3 9 10 11 15 24	X'75'	TCZSESE1
DFHZC2425	3 9 10 11 15 24	X'B2'	TCZSDAUC
DFHZC2426	2 3 9 10 11 22	X'94'	TCZRACES
DFHZC2427	2	X'C5'	TCZSRCNA
DFHZC2428	3 9 11	X'92'	TCZSDSE6
DFHZC2429	3 10 11	X'91'	TCZRSTLE
DFHZC2430	3 9 11 RESP	X'78'	TCZSDRE2
DFHZC2431	2 3 9 10 11	X'CB'	TCZSRCTC
DFHZC2432		X'81'	TCZSSXNR
DFHZC2433		X'E4'	TCZAIER
DFHZC2434	3 11	X'43'	TCZCPYNS
DFHZC2435	3 10 11 24	X'96'	TCZRVSZ1
DFHZC2436	3 10 11	X'97'	TCZRVSZ3
DFHZC2437	3 9 11	X'73'	TCZSDSE4
DFHZC2438	3 10 11	X'A1'	TCZRVSZ2
DFHZC2439	2 18	X'98'	TCZACT01
DFHZC2440		X'D7'	TCZSXC1
DFHZC2441		X'D6'	TCZSXC2
DFHZC2442		X'DC'	TCZPXE1
DFHZC2443	2 3 9 10 11 24	X'59'	TCZROCT
DFHZC2444	2 3 9 10 11 24	X'A3'	TCZBKTSE
DFHZC2445	3 9 11	X'95'	TCZSDSE8
DFHZC2446	2 3 9 10 11 24 AOS	X'84'	TCZSSXIB
DFHZC2447	3 9 10 11 AOS	X'9A'	TCZDOMCF
DFHZC2448	2 3 10 11 24 AOS RESP	X'65'	TCZINVRR
DFHZC2449	2 3 11 18 22 24	X'A7'	TCZBOEB
DFHZC2450		X'83'	TCZSSXAR
DFHZC2451	2 3 9 10 11	X'CC'	TCZSRCCI
DFHZC2452	3 9 10 11 18 24	X'D5'	TCZCXE2
DFHZC2453	1 2 3 9 10	X'D4'	TCZCXRR
DFHZC2454	2 3 9 10 11	X'CD'	TCZSRCCX
DFHZC2455	2 3 9 10 11	X'93'	TCZRACET
DFHZC2456	2 3 9 10 11 18 24	X'44'	TCZSRCDE
DFHZC2457	2 3 9 10 11 24	X'D8'	TCZRNCH
DFHZC2458		X'DD'	TCZPXE2
DFHZC2459	3 9 11	X'99'	TCZSDSE7
DFHZC2463		X'D3'	TCZDMPD
DFHZC2467	2 3 9 10 11 24 AOS	X'88'	TCZLEXCI
DFHZC2468	2 3 9 10 11 24	X'89'	TCZLEXUS
DFHZC2469	2 3 9 10 11	X'D9'	TCZYX43
DFHZC2469	2 3 9 10 11	X'F2'	TCZEXRVT
DFHZC2470	9 10 11 24	X'DA'	TCZSXC3



CICS message	Action flags set	Error code	Symbolic label
DFHZC2471	2 3 10 11 22 24 PRTTIOA	X'A8'	TCZFMHLE
DFHZC2472	11	X'A9'	TCZRACRF
DFHZC2473	3 9 11	X'AA'	TCZSDSE9
DFHZC2485	3 9 10 11	X'E3'	TCZCNCL
DFHZC2486	3	X'9B'	TCZRACNL
DFHZC2487	3	X'76'	TCZLGNA
DFHZC2488		X'77'	TCZDMRY
DFHZC2489	3 9 11	X'40'	TCZINCPY
DFHZC2490	2 3 9 10 11 15 24	X'41'	TCZTOLRQ
DFHZC2497		X'42'	TCZUNPRT
DFHZC2498		X'4B'	TCZICPUT
DFHZC3400	3 10 11 RESP	X'45'	TCZCHMX
DFHZC3402	3 9 10 11	X'46'	TCZOCIR
DFHZC3409	2 3 9 10 11 24 AOS	X'85'	TCZUNEGR
DFHZC3410	2 3 9 10 11	X'BC'	TCZINIIR
DFHZC3416	2 3	X'E8'	TCZDMSLE
DFHZC3417	3 9 10 11 24	X'50'	TCZSDRE3
DFHZC3418	3 9 10 11 24	X'51'	TCZBDPRI
DFHZC3419	2 3 5	X'52'	TCZBDUAC
DFHZC3420	20	X'53'	TCZBDTOS
DFHZC3421	20	X'5A'	TCZSBIRV
DFHZC3422	2 3 9 10 11 18 24	X'5B'	TCZNSP01
DFHZC3424	9 10 11 15 24	X'5C'	TCZNSP02
DFHZC3428	3	X'EB'	TCZSTRMH
DFHZC3429	2 3	X'EC'	TCZSTRMM
DFHZC3430	2 3	X'ED'	TCZSTON
DFHZC3431	2 3	X'EF'	TCZSTIN
DFHZC3432	2 3	X'EA'	TCZSTLER
DFHZC3433		X'58'	TCZERMGR
DFHZC3434	2 3 9 10 11 24	X'54'	TCZUNBIS
DFHZC3440		X'55'	TCZEMWBK
DFHZC3441		X'63'	TCZVTAMO
DFHZC3442		X'67'	TCZVTAMK
DFHZC3443		X'64'	TCZVTAMA
DFHZC3444	2 3 9 10 11 24 PRTACT	X'6A'	TCZTIOAE
DFHZC3452		X'66'	TCZSIGR
DFHZC3454	2 3 5 18 24	X'5E'	TCZBRUAC
DFHZC3455	2 3 5 18 24	X'5F'	TCZBDSQP
DFHZC3461		X'48'	TCZOPSIN
DFHZC3462		X'49'	TCZCLSIN
DFHZC3463		X'4A'	TCZOPACB
DFHZC3464	20	X'57'	TCZRELIS
DFHZC3465	1 2 3 9 10 11 AOS	X'9D'	TCZRSPER
DFHZC3466	20 AOS	X'69'	TCZSEXOS
DFHZC3468	9 10 11 15 24	X'70'	TCZCLRRV
DFHZC3469	9 10 11 24	X'CE'	TCZVHOLD
DFHZC3470	9 10 11 24	X'AB'	TCZLUERR
DFHZC3470	9 10 11 24	X'37'	TCZXSHRA
DFHZC3471	9 10 11 24	X'CF'	TCZVRNOP
DFHZC3472		X'9E'	TCZDEVND
DFHZC3473		X'4D'	TCZSLSRL
DFHZC3474	9 10 11 24	X'AC'	TCZVRDAC

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CICS message	Action flags set	Error code	Symbolic label
DFHZC3475	9 10 11 24	X'AD'	TCZNRLUF
DFHZC3476	9 10 11 24	X'AE'	TCZRCLUF
DFHZC3477	9 10 11 24	X'AF'	TCZCLEAN
DFHZC3479	2 3 9 10 11 24	X'4E'	TCZUNBFE
DFHZC3480	24 AOS	X'A0'	TCZNOISC
DFHZC3481	2 3 9 10 11 24	X'4C'	TCZDSPCL
DFHZC3482		X'DF'	TCZDMGF
DFHZC3484		X'C6'	TCZPASSD
DFHZC3485	24	X'C7'	TCZPSPRE
DFHZC3486	24	X'C2'	TCZLUINP
DFHZC3487	24	X'C9'	TCZNPSAU
DFHZC3488	2 3 9 10 11 18 24	X'3C'	TCZXUVAR
DFHZC3489	18 24	X'C8'	TCZLUINH
DFHZC3490	24	X'BF'	TCZCPFAL
DFHZC3491	15 24	X'B0'	TCZEXRO
DFHZC3492		X'16'	TCZDMIT
DFHZC3495	24	X'6B'	TCZNOTNA
DFHZC3499		X'C0'	TCZDWEGF
DFHZC4902	3 9 10 11 24	X'21'	TCZLUCF1
DFHZC4903	3 9 10 11 24	X'22'	TCZLUCF2
DFHZC4904	3 9 10 11 24	X'23'	TCZFMSBE
DFHZC4905	3 9 10 11 24	X'24'	TCZFSMCS
DFHZC4906	3 9 10 11 24	X'25'	TCZFSMCR
DFHZC4907	3 9 10 11 24	X'26'	TCZSDLER
DFHZC4909	3 9 10 11 24	X'28'	TCZRVLER
DFHZC4910	3 9 10 11 24	X'29'	TCZRVLRB
DFHZC4911	2 3 9 10 11 24	X'2A'	TCZRLPEX
DFHZC4912	2 3 9 10 11 24	X'2B'	TCZRLPBD
DFHZC4913	2 3 9 10 11 24	X'2C'	TCZRLPDR
DFHZC4914	2 3 9 10 11 24	X'2D'	TCZRLPIL
DFHZC4915	2 3 9 10 11 24	X'2E'	TCZRLPEC
DFHZC4916	2 3 9 10 11 24	X'2F'	TCZRLPRR
DFHZC4917	2 3 9 10 11 24	X'30'	TCZRLPIF
DFHZC4918	2 3 9 10 11 24	X'31'	TCZRLPIR
DFHZC4919	2 3 9 10 11 24	X'33'	TCZIVIND
DFHZC4920	2 3 9 10 11 24	X'34'	TCZIVDAT
DFHZC4922	N24	X'32'	TCZRLXCL
DFHZC4924	2 3 5 24	X'B6'	TCZNSEED
DFHZC4925	2 3 5 24	X'B7'	TCZASINC
DFHZC4926	2 3 5 24	X'B8'	TCZEVBAD
DFHZC4927	2 3 5 24	X'B9'	TCZFMH12
DFHZC4928	24	X'BD'	TCZDESGM
DFHZC4929	2 3 5 24	X'B3'	TCZBDBND
DFHZC4930	2 3 9 10 11 24	X'35'	TCZRTMT
DFHZC4931	18 24	X'F1'	TCZBDMOD
DFHZC4932	2 3 24	X'F3'	TCZICTYP
DFHZC4933	2 3 24	X'F4'	TCZIDBA
DFHZC4934	2 3 24	X'F5'	TCZISYNL
DFHZC4935	2 3 24	X'F6'	TCZIUOW
DFHZC4936	2 3 24	X'F7'	TCZIFMHL
DFHZC4937	2 3 5 24	X'8A'	TCZLUSRR
DFHZC4938	2 3 5 24	X'8B'	TCZLUSRF
DFHZC4939	2 3 5 24	X'8C'	TCZLUPUN
DFHZC4940	2 3 5 24	X'8F'	TCZLUSKN

CICS message	Action flags set	Error code	Symbolic label
DFHZC4941	2 3 5 24	X'8D'	TCZLUPLK
DFHZC4942	2 3 5 24	X'8E'	TCZLUPEX
DFHZC4943	3 9 10 11 24	X'F8'	TCZFMRB
DFHZC4944	2 3 5 24	X'BE'	TCZBFAIL
DFHZC4945	3 9 10 11 24	X'A2'	TCZPRGE
DFHZC4946	2 3 24	X'F9'	TCZINVAT
DFHZC4947	2 3 24	X'FA'	TCZLUSEC
DFHZC6590		X'3F'	TCZXRST
DFHZC6591	9 10 11 15 24	X'3E'	TCZXERR
DFHZC6593		X'3B'	TCZXSBC
DFHZC6594	24	X'3A'	TCZXSHR
DFHZC6595	2 3 5 24	X'39'	TCZXSABN
DFHZC6596	2 3 15 24	X'38'	TCZXSAS
DFHZC6598		X'56'	TCZXFVS

## VTAM

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## Chapter 16. System sense codes received

This section contains Product-sensitive Programming Interface information.

This table lists the actions taken by DFHZNAC on receipt of inbound system sense codes.

Sense code	Message	Action flags set
0001	DFHZC3401	2
0002	DFHZC3415	2, 3, 10, 11
0003	DFHZC3449	None
0004	DFHZC3450	None
0007	DFHZC3451	None
00FF	DFHZC3446	2, 3, 9, 10, 11, 23, 24
0801	DFHZC2476	3, 9, 10, 11
0802	DFHZC2461	None
0806	DFHZC3426	None
0807	DFHZC3411	None
080B	DFHZC2462	2, 3, 9, 10, 11, 15, 24
080E	DFHZC3448	23
080F	DFHZC3436	9, 10, 11
0811	DFHZC2464	9, 10, 11
0812	DFHZC2465	2, 3
081B	DFHZC2483	2, 3
081C	DFHZC2466	2, 3, 9, 10, 11
0824	DFHZC2475	3, 9, 10, 11
0825	DFHZC2484	2, 3, 9, 10, 11
0826	DFHZC3423	2, 3, 9, 10, 11
0827	DFHZC2480	3
0829	DFHZC3407	1, 2, 3, 10, 11, 24
082A	None	9, 32
082B	DFHZC3408	2, 3, 10, 11, 13
082D	DFHZC3413	None
082E	DFHZC3412	None
082F	DFHZC3414	2, 3, 9, 10, 11
0831	DFHZC3438	None
0833	DFHZC3427	None
0847	DFHZC3439	None
084A	None	32
084C	DFHZC3467	9, 10, 11
0860	DFHZC3459	None
0863	DFHZC3460	9, 10, 11
0864	DFHZC2475	3, 9, 10, 11
0865	DFHZC2465	3, 9, 10, 11
0866	DFHZC2475	3, 9, 10, 11
0867	None	9, 10, 11
0868	DFHZC3456	2, 9, 10, 11
0869	DFHZC3457	2, 9, 10, 11
08FF	DFHZC3447	2, 3, 9, 10, 11, 24
1000	DFHZC3494	2, 3, 9, 10, 11
1001	DFHZC2481	2, 3, 9, 10, 11, 14

<b>Sense code</b>	<b>Message</b>	<b>Action flags set</b>
1002	DFHZC2481	2, 3, 9, 10, 11, 14
1003	DFHZC2479	2, 3, 9, 10, 11, 14
1005	DFHZC3406	2, 3, 4, 9, 10, 11, 14
1008	DFHZC2478	None
1009	DFHZC3458	2, 9, 10, 11
10FF	DFHZC3446	2, 3, 9, 10, 11, 23, 24
2003	DFHZC3405	2, 3, 9, 10, 11, 15, 24
20FF	DFHZC3445	2, 3, 9, 10, 11, 23, 24
400B	DFHZC2477	1, 3, 11
40FF	DFHZC3453	2, 3, 9, 10, 11, 23, 24
8000	DFHZC3435	2, 3, 9, 10, 11, 18, 24
8005	DFHZC3435	2, 3, 9, 10, 11, 18, 24
80FF	DFHZC3435	2, 3, 9, 10, 11, 18, 23, 24
FFFF	DFHZC2460	2, 3, 9, 10, 11, 23, 24

<b>Message</b>	<b>Sense code</b>	<b>Action flags set</b>
DFHZC2460	FFFF	2, 3, 9, 10, 11, 23, 24
DFHZC2461	0802	None
DFHZC2462	080B	2, 3, 9, 10, 11, 15, 24
DFHZC2464	0811	9, 10, 11
DFHZC2465	0812	2, 3
DFHZC2465	0865	3, 9, 10, 11
DFHZC2466	081C	2, 3, 9, 10, 11
DFHZC2475	0824	3, 9, 10, 11
DFHZC2475	0864	3, 9, 10, 11
DFHZC2475	0866	3, 9, 10, 11
DFHZC2476	0801	3, 9, 10, 11
DFHZC2477	400B	1, 3, 11
DFHZC2478	1008	None
DFHZC2479	1003	2, 3, 9, 10, 11, 14
DFHZC2480	0827	3
DFHZC2481	1001	2, 3, 9, 10, 11, 14
DFHZC2481	1002	2, 3, 9, 10, 11, 14
DFHZC2483	081B	2, 3
DFHZC2484	0825	2, 3, 9, 10, 11
DFHZC3401	0001	2
DFHZC3405	2003	2, 3, 9, 10, 11, 15, 24
DFHZC3406	1005	2, 3, 4, 9, 10, 11, 14
DFHZC3407	0829	1, 2, 3, 10, 11, 24
DFHZC3408	082B	2, 3, 10, 11, 13
DFHZC3411	0807	None
DFHZC3412	082E	None
DFHZC3413	082D	None
DFHZC3414	082F	2, 3, 9, 10, 11
DFHZC3415	0002	2, 3, 10, 11
DFHZC3423	0826	2, 3, 9, 10, 11
DFHZC3426	0806	None
DFHZC3427	0833	None
DFHZC3435	8000	2, 3, 9, 10, 11, 18, 24
DFHZC3435	8005	2, 3, 9, 10, 11, 18, 24
DFHZC3435	80FF	2, 3, 9, 10, 11, 18, 23, 24

Message	Sense code	Action flags set
DFHZC3436	080F	9, 10, 11
DFHZC3438	0831	None
DFHZC3439	0847	None
DFHZC3445	20FF	2, 3, 9, 10, 11, 23, 24
DFHZC3446	00FF	2, 3, 9, 10, 11, 23, 24
DFHZC3446	10FF	2, 3, 9, 10, 11, 23, 24
DFHZC3447	08FF	2, 3, 9, 10, 11, 24
DFHZC3448	080E	23
DFHZC3449	0003	None
DFHZC3450	0004	None
DFHZC3451	0007	None
DFHZC3453	40FF	2, 3, 9, 10, 11, 23, 24
DFHZC3456	0868	2, 9, 10, 11
DFHZC3457	0869	2, 9, 10, 11
DFHZC3458	1009	2, 9, 10, 11
DFHZC3459	0860	None
DFHZC3460	0863	9, 10, 11
DFHZC3467	084C	9, 10, 11
DFHZC3494	1000	2, 3, 9, 10, 11
None	082A	9, 32
None	084A	32
None	0867	9, 10, 11

## Action flag settings and default actions

These are the default actions generated by DFHZNAC for DFHZNEP. The default actions can vary from the actions set, depending on the state of the node at the time of the error.

Flag	Field	Bit mask	Hex bit setting	Action
1	TWAOPT1	1... ....	"X'80"	Print action flags
2		.1.. ....	"X'40"	Print VTAM RPL
3		..1. ....	"X'20"	Print TCTTE
4		...1 ....	"X'10"	Print TIOA
5		... 1..	"X'08"	Print BIND area
6		... .1.	"X'04"	System dump if no task attached
9		1... ....	"X'80"	Abort any send for this terminal
10	TWAOPT2	.1.. ....	"X'40"	Abort any receive for " "
11		..1. ....	"X'20"	Abend any task attached to TCTTE
12		...1 ....	"X'10"	Cancel any task attached to TCTTE
13		... 1..	"X'08"	Good Morning message to be sent
14		... .1.	"X'04"	Purge any BMS pages for this TCTTE
15		... .1.	"X'02"	SIMLOGON required
17	TWAOPT3	1... ....	"X'80"	Set INTLOG now allowed
18		.1.. ....	"X'40"	Set no internal general logons
20		...1 ....	"X'10"	Normal CLSDST (no reset allowed)
21		... 1..	"X'08"	Normal CLSDST (reset allowed)
22		... .1.	"X'04"	Send negative response
23		... .1.	"X'02"	Keep node out of service
24		... ..1	"X'01"	CLSDST node





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## Chapter 17. VTAM submodule identifiers

This chapter contains Product-sensitive Programming Interface information.

Hex ID	Module	Description
X'00'	ZDSP	DISPATCH
X'01'	ZARQ	READ /WRITE R
X'02'	ZLOC	LOCATE
X'03'	ZDET	DETACH
X'04'	ZTCP	TCP
X'06'	ZCRQ	COMMAND REQS
X'08'	ZSTU	STATUS CHANGE
X'09'	ZTSP	TERMINAL SHARING
X'0A'	ZHPX	HPO RPL EXEC OS ONLY
X'0B'	ZISP	ALLOCATE/FREE
X'0C'	ZIS1	INTER SYSTEM
X'0D'	ZIS2	INTER SYSTEM 2
X'0E'	ZABD	INVALID REQUEST/ABEND
X'10'	ZATI	ATI
X'11'	ZATT	ATTACH TASK
X'12'	ZFRE	FREE STORAGE
X'13'	ZGET	GET STORAGE
X'14'	ZRAC	RECEIVE ANY
X'15'	ZRST	RESETSR
X'16'	ZRVS	RECEIVE SPEC
X'17'	ZRVX	RECEIVE S EXT
X'18'	ZSDS	SEND NORMAL
X'19'	ZSDX	SEND DATA EXIT
X'1A'	ZUCT	TRANSLATION
X'1B'	ZUIX	USER EXIT
X'1C'	ZACT	ACTIVATE SCAN
X'1D'	ZSDR	SEND RESPONSE
X'1E'	ZHPS	HPO SEND/RECV CALL
X'1F'	ZRPL	RECV.ANY BLDER
X'20'	ZAIT	ATTACH INIT
X'21'	ZASX	ASYN COM EXIT
X'22'	ZCLS	CLOSE DESTIN
X'23'	ZCLX	CLOSE DS EXIT
X'24'	ZDWE	DWE PROCESS
X'25'	ZLEX	LERAD EXIT
X'26'	ZLGX	LOGON EXIT
X'27'	ZLRP	LOGICAL REC
X'28'	ZLTX	LOSTERM EXIT
X'29'	ZOPN	OPEN DESTINAT
X'2A'	ZOPX	OPEN DESTEXIT
X'2B'	ZRAQ	READAHEAD QUE
X'2C'	ZRAR	READAHEAD RET
X'2E'	ZRRX	REL REQUEST EX
X'2F'	ZNSP	NETWORK SPEC EXIT
X'30'	ZRSY	RESYNC
X'31'	ZSAX	SEND COMM EXT
X'32'	ZSCX	SCIP EXIT

Hex ID	Module	Description
X'33'	ZSDA	SEND ASYN COM
X'34'	ZSKR	SEND COMMAND RESPONSE ID
X'35'	ZSES	SESSIONC COM
X'36'	ZSEX	SESSIONC EXIT
X'37'	ZSIM	SIMLOGON
X'38'	ZSIX	SIMLOGON EXIT
X'39'	ZSLS	SETLOGON START
X'3A'	ZSSX	SEND COM EXIT
X'3B'	ZSYX	SYNAD EXIT
X'3C'	ZTAX	TURNAROUND EXIT
X'3D'	ZTPX	TPEND EXIT
X'3E'	ZOPA	VTAM OPEN ACB
X'3F'	ZSHU	VTAM SHUTDOWN
X'40'	ZQUE	TERMINAL SHARING
X'41'	ZEMW	ERROR MESSAGE WRITER
X'42'	ZSYN	SYNCPOINT HANDLER
X'43'	ZTRA	VTAM RPL TRACE
X'44'	ZAND	ABEND CONTROL BLOCK
X'45'	ZCNA	CONSOLE CONTROL
X'46'	ZCNR	CONSOLE REQUEST
X'47'	ZCNC	CONSOLE ABNORMAL COND.
X'48'	ZUAX	ATTACH USER EXIT
X'49'	ZUOX	OUTPUT USER EXIT
X'4A'	ZARL	LU6.2 APPL REQUEST
X'4B'	ZARM	LU6.2 MIGRATION
X'4C'	ZRVL	LU6.2 RECEIVE
X'4D'	ZRLX	LU6.2 RECEIVE EXIT
X'4E'	ZSDL	LU6.2 SEND
X'4F'	ZSLX	LU6.2 SEND EXIT
X'50'	ZERH	LU6.2 APPL ERP
X'52'	ZBKT	LU6.2 BRACKET STATE M/C
X'53'	ZCNT	LU6.2 CONTENTION STATE
X'54'	ZCHS	LU6.2 CHAIN SEND
X'55'	ZCHR	LU6.2 CHAIN RECEIVE
X'56'	ZUSR	LU6.2 CONVERSATION STATE
X'57'	ZDST	SNA-ASCII TRAN ROUTINE
X'58'	ZEV1	ENCRYPTION VALIDATION 1
X'59'	ZEV2	ENCRYPTION VALIDATION 2
X'5E'	ZXRC	XRF TERMINAL RECOVERY
X'5F'	ZXTS	XRF TERMINAL SCAN
X'60'	ZXRL	LU6.2 Transaction Routing
X'61'	ZINT	Initialization Module Ident
X'62'	ZXRT	LU6.2 Transaction Routing TOS
X'63'	ZSTA	LU6.2 Application Status
X'64'	ZRLP	LU6.2 RECEIVE post-vtam
X'65'	ZCRT	LU6.2 RPL_B state
X'66'	ZRAS	LU6.2 Slow-down processing

Hex ID	Module	Description
X'67'	ZXPS	LU6.2 Per sess recovery
X'7D'	ZRLG	RESPONSE LOGGER
X'7E'	ZNAC	NACP
X'7F'	ZRSP	RESYNC SYSTEM TASK
X'80'	ZATR	ZATR restart deletes
X'82'	ZATA	ZATA autoinstall
X'84'	ZATD	ZATD autoinstall delete
X'86'	ZGMM	GOOD MORNING TRANSACTION
X'8B'	ZATS	ZATS remote install entry
X'C0'	ZQ00	DFHZCQ REQUEST ROUTER
X'C1'	ZQIN	ZC INITIALIZE
X'C2'	ZQBA	ZC Bind Analysis
X'C3'	ZQCH	ZC CHANGE
X'C4'	ZQDL	ZC DELETE
X'C5'	ZQIT	ZC INSTALL TCTTE
X'C6'	ZQRC	ZC RECOVER
X'C7'	ZQRS	ZC RESTORE
X'C8'	ZQIQ	ZC INQUIRE
X'C9'	ZQIS	ZC INSTALL
X'C4'	ZTCT	DUMMY TCTTE IDENTIFIER



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## Chapter 18. AP domain storage classes

This chapter contains Diagnosis, Modification or Tuning information.

This table shows the valid AP domain storage classes. Some classes use a storage accounting area (SAA). For these, the storage class value always appears in the first byte in the accounting area for a storage element. The value is sometimes modified when the top bit is set to indicate getmained storage. As an example, X'01' can appear as X'81'.

Value	Class	SAA
X'01'	TERMINAL24	No
X'02'	CICS	No
X'03'	SHARED_CICS	No
X'04'	LINE	No
X'05'	TERMINAL	No
X'06'	TASK	No
X'07'	TASK24	No
X'08'	CICS24	No
X'09'	SHARED_CICS24	No
X'0C'	CICS24_SAA	Yes
X'0D'	TRANSDATA	Yes
X'0E'	TEMPSTG	Yes
X'11'	USER	No
X'12'	USER24	No
X'13'	SHARED_CICS24_SAA	Yes
X'14'	CONTROL	No
X'16'	TACLE	Yes
X'20'	SHARED_USER24	No
X'21'	SHARED_USER	No



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