

CA Workload Automation Restart Option for z/OS Schedulers

Command Reference Guide

r11



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CA Technologies Product References

This document references the following CA Technologies products:

- CA Workload Automation Restart Option for z/OS Schedulers (CA WA Restart Option)
- CA Workload Automation SE
- CA Datacom/DB® (CA Datacom/DB)
- CA Roscoe® Interactive Environment (CA Roscoe IE)

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Chapter 1: Introduction

This guide summarizes the functions and commands of CA Workload Automation Restart Option for z/OS Schedulers (CA WA Restart Option). The guide is intended as a quick-reference guide for users who are familiar with the product.

Note: For syntax, details, examples, and techniques, see the *User Guide*.

Chapter 2: Starting the Online System

Several methods are available to initiate the online system. See the topic that matches your situation.

This section contains the following topics:

[OS Console](#) (see page 11)

TSO Terminal (see page 11)

CICS Terminal (see page 11)

Interactive Environment Terminal (see page 12)

[Job Scheduling Terminal](#) (see page 12)

OS Console

To initialize an OS console, issue the following command:

S AL7ART[, , , *profile*]

To switch to another OS console, issue the following command:

►► F AL7ART,S

To terminate the Online System from an OS console, issue the following command:

▶▶ P AL7ART ◀◀

TSO Terminal

To initialize a TSO terminal, use *one* of the following commands:

```

>>> U11CARTS
└── .profile ─┘

```

U1CARTS $\overbrace{\hspace{1.5cm}}$ PS(profile)

CICS Terminal

To initialize a CICS terminal, issue the following command:

Diagram illustrating the ARTS profile structure. A horizontal line with arrows at both ends represents the profile. A bracket labeled *profile* is positioned below the line, indicating the scope of the profile.

Interactive Environment Terminal

To initialize using CA Roscoe, use *one* of the following commands:

```
▶▶ RUN ART [ ,/profile/ ]▶▶
▶▶ RUN ART-A [ ,/profile/ ]▶▶
▶▶ RUN ART-B [ ,/profile/ ]▶▶
▶▶ RUN ART-C [ ,/profile/ ]▶▶
```

Job Scheduling Terminal

To initialize using CA Workload Automation SE, issue the following command:

```
▶▶ ARTS ▶▶
```

Chapter 3: Inquiry/Update

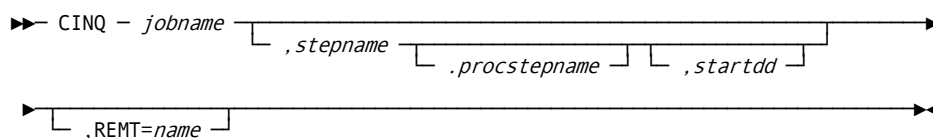
This section contains the following topics:

- [CINQ - CMT Inquiry](#) (see page 13)
- [CUPD - CMT Update](#) (see page 14)
- [DIS - Job Status Inquiry](#) (see page 15)
- [LJOB - Job Restart Inquiry](#) (see page 15)
- [LSTP - Job Step Inquiry](#) (see page 16)
- [JINQ - JEHF Inquiry](#) (see page 17)
- [JUPD - JEHF Update](#) (see page 17)
- [LREA - Reason-for-Rerun Table Inquiry](#) (see page 18)
- [OINQ - Option Table Inquiry](#) (see page 18)
- [RUPD - Reason Update](#) (see page 18)
- [STA - Production Status Inquiry](#) (see page 20)
- [UPRS - Reason-for-Rerun Table Update](#) (see page 21)

CINQ - CMT Inquiry

CINQ performs a CMT inquiry.

This command has the following format:



jobname

Indicates a request for information regarding the specified job name. If the name of the CMT History record is specified, the History record is displayed. Use the OINQ command to determine the name of your CMT History record (HISTNM).

stepname

Indicates the name of the step in the job at which the inquiry is to begin.

procstepname

Indicates the name of the PROC step in the job at which the inquiry is to begin.

startdd

Indicates the ddname in the step at which the inquiry is to begin.

REMT=*name*

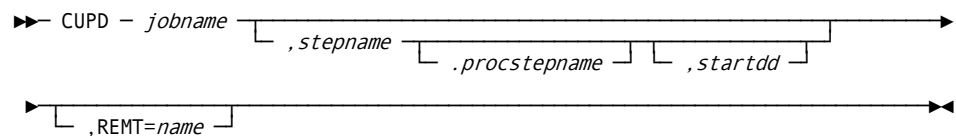
Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location at which the command is to execute.

After inquiry is initiated:

Null or Enter key displays next record.

Cancel returns control to the Online System.

CUPD - CMT Update



After input is initiated:

Null or Enter key displays next record.

VER displays current record.

REP *field1name=data1,fieldname2=data2...* causes indicated fields to be updated with the specified data.

Cancel returns control to the Online System.

Indicates all jobs.

nnn*

Indicates a generic request.

jobname

Indicates a specific job name.

NR

Indicates a nonrestartable job.

A

Indicates all nonrestartable jobs (default).

S

Indicates system flagged nonrestartable jobs.

U

Indicates user flagged nonrestartable jobs.

SR

Indicates jobs that have been set-for-rerun.

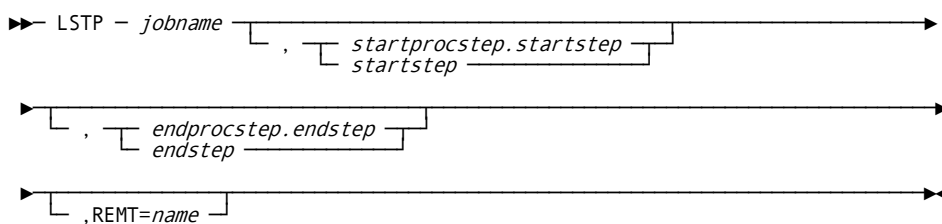
REMT=*name*

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location where the command is to execute.

LSTP - Job Step Inquiry

The LSTP command displays step level information about a specific job.

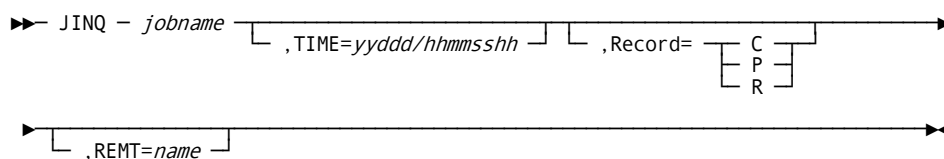
This command has the following format:



JINQ - JEHF Inquiry

JINQ performs a JEHF inquiry.

This command has the following format:



TIME

Indicates an optional point where the display starts.

Record

Indicates an optional limit of the inquiry to specific record types. If omitted, the display includes all records.

C

Control record

P

Production record

R

Rerun record

REMT=*name*

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location where the command is to execute.

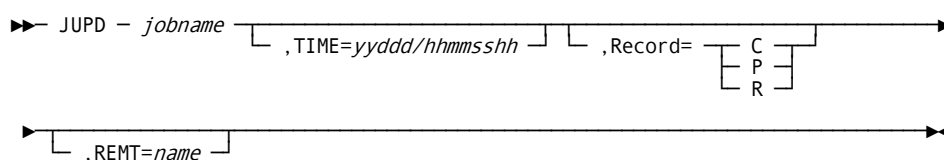
After inquiry is initiated:

Null or Enter key displays next record.

Cancel returns control to the Online System.

JUPD - JEHF Update

This command has the following format:



For input format, see [JINQ - JEHF Inquiry](#) (see page 17).

For an explanation of Null, Enter, VER, REP, and Cancel, see [CUPD - CMT Update](#) (see page 14).

LREA - Reason-for-Rerun Table Inquiry

The LREA command displays the Reason-for-Rerun Table online.

This command has the following format:

➤➤ LREA ————— ➤➤
 └── ,REMT=*name* ─┘

REMT=*name*

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location where the command is to execute.

OINQ - Option Table Inquiry

The OINQ command displays user-selected installation options.

This command has the following format:

Diagram illustrating the OINQ instruction format. The instruction is 32 bits long, consisting of a 5-bit opcode (OINQ) and a 27-bit register field. The register field is divided into a 16-bit register (REG) and an 11-bit register mask (REMT). The REMT field is labeled with the register name, *name*.

REMT=*name*

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location where the command is to execute.

RUPD - Reason Update

The RUPD function can be performed in several methods in online and batch mode.

Online

RUPD command

This command has the following format:

```

RUPD - jobname [ , Next Last -n ]
[ , REMT=name ]

```

N

Indicates that a reason is to be provided for the next execution of the job (default).

L.

Indicates that a reason is for previous rerun of job.

-n

Indicates minus *n* number of reruns.

/reason/

Indicates a reason-for-rerun enclosed in slashes up to 40 characters.

REMT=name

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location where the command is to execute.

PRE

Use the RE=/reason/ portion of the PRE control statement.

JUPD jobname

If NMRERUNS=0, reruns do not exist and Reason-for-rerun is not available.

If NMRERUNS=1, **REP PRODRESN=/reason/**

If NMRERUNS=x, press Enter key x - 1 times to display last Rerun record then: **REP
RRUNRESN=/reason/**

Note: For more information, see the *User Guide*.

More information:

[PRE - Preprocessing \(Online Setup\)](#) (see page 24)

Batch

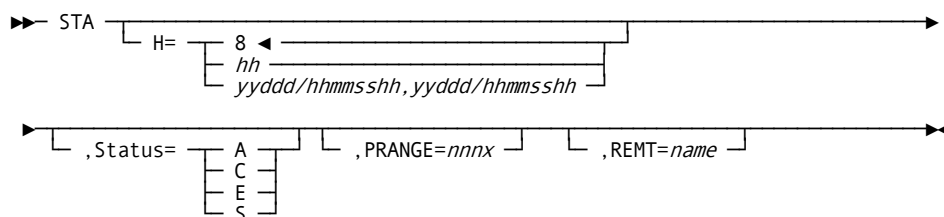
U11RMS or U11PRE (using PARM) RE=/reason/

Note: For more information, see the *User Guide*.

STA - Production Status Inquiry

The STA command can display all jobs or a subgroup of all jobs within a given time frame.

This command has the following format:



H

Indicates a time frame for the display.

hh

Indicates all jobs within the last *hh* hours. The default is 8 hours.

(yyddd/hhmmsshh,yyddd/hhmmsshh)

Represents initiator start and end times.

Status

Indicates to limit the display to only those jobs having a certain status.

A

Abended jobs

C

Completed jobs

E

Executing jobs

S

Set-for-rerun jobs

PRANGE

Indicates an optional reader start time to use in selecting JEHF records.

nnn

Reader start time for selection (1-999)

x

H (hours), D (days), W (weeks), M (months)

REMT=*name*

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location where the command is to execute.

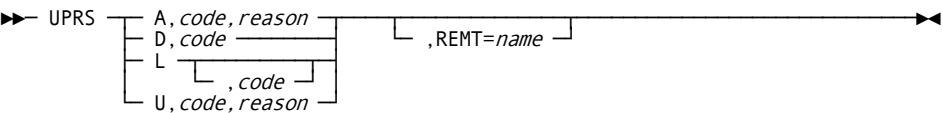
To display all jobs in a given time frame:

STA H=(yyddd/hhmmsshh,yyddd/hhmmsshh)

UPRS - Reason-for-Rerun Table Update

The UPRS command can list and alter the Reason-for-Rerun Table online.

This command has the following format:



A|D|L|U

Specifies the request code. The following are the request codes:

A

Specifies that the indicated code and reason should be added to the table.

D

Specifies that the code specified should be deleted from the table.

L

Specifies that the current table contents should be listed.

U

Specifies that the reason should be updated for the indicated code.

code

Indicates the one- to four-character code to be associated with the reason for rerun text.

reason

Indicates the 1- to 40-byte reason for rerun text.

REMT=*name*

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location at which the command is to execute.

Chapter 4: Other Online Functions

Various other online functions are available. These functions are detailed in the following topics.

This section contains the following topics:

- [END - Termination of Online Function](#) (see page 23)
- [HELP - Online HELP \(Tutorial\)](#) (see page 23)
- [PRE - Preprocessing \(Online Setup\)](#) (see page 24)
- [PULL - Request Pull List](#) (see page 26)
- [REST - RMS Parameter Restart](#) (see page 27)
- [SIM - Simulated RMS](#) (see page 28)
- [Auto Setup Status Inquiry](#) (see page 30)
- [CMT Member Deletions \(Online\)](#) (see page 30)
- [Mark JEHF Records for Subsequent Deletion](#) (see page 30)
- [Set/Reset Restartable Flag \(Using CUPD Function\)](#) (see page 31)

END - Termination of Online Function

The END function can be used, after the Cancel command has been issued, to release the Online System.

This command has the following format:

➤➤ END _____ ➤➤

HELP - Online HELP (Tutorial)

This command has the following format:

➤➤ HELP

ALL
BATCH
CONSOLE
HELP
ROSCOE
xxxx

 _____ ➤➤

ALL

Displays the formats for all Online System functions.

BATCH

Displays formats for unique commands available to the Online Batch Driver.

CONSOLE

Displays formats for unique commands available to the console driver.

HELP

Displays all formats of the HELP command.

ROSCOE

Displays formats for unique commands available to the CA Roscoe terminal.

XXXX

Displays the formats for a specific Online System function (CINQ, CUPD, JINQ, JUPD, PULL, END, DIS, STA, PRE, SIM, OINQ, LREA, RUPD, LJOB, LSTP).

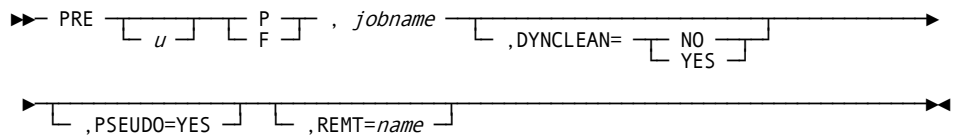
HELP specified with no options displays a summary of commands available to the Online System.

To display all formats of the HELP command, enter the following:

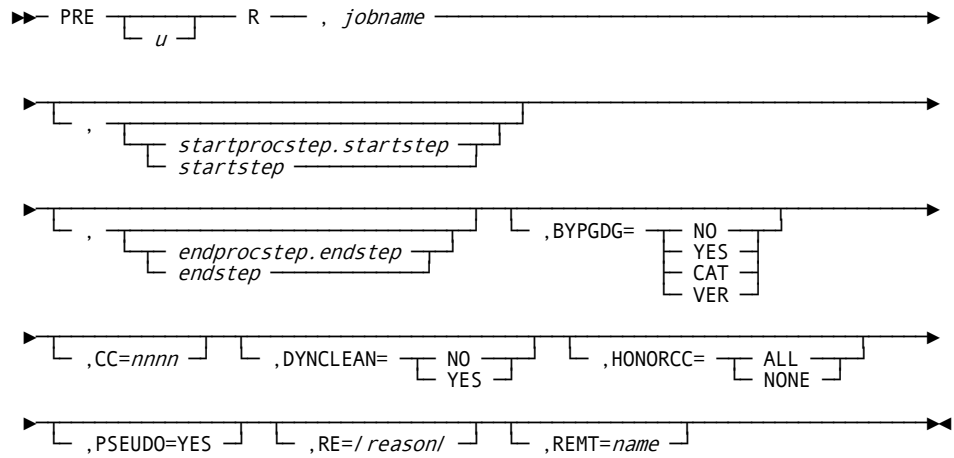
HELP HELP

PRE - Preprocessing (Online Setup)

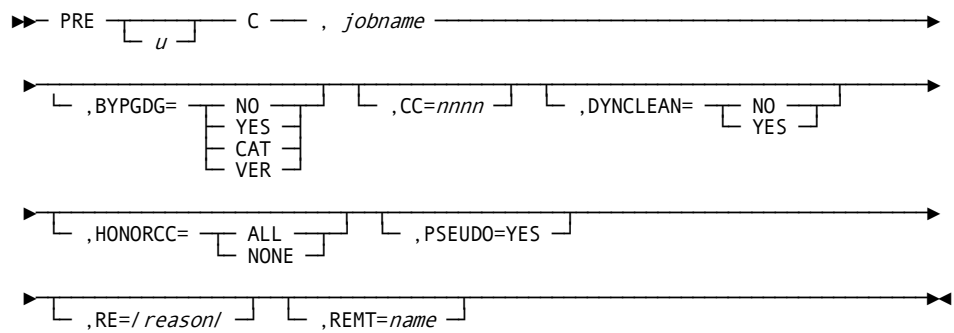
This command has the following format for P and F processing:



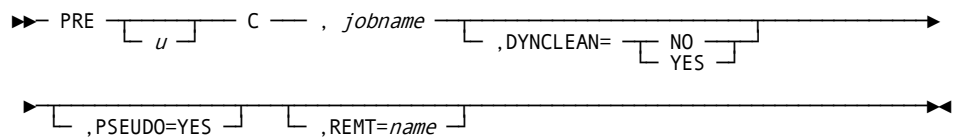
This command has the following format for R processing:



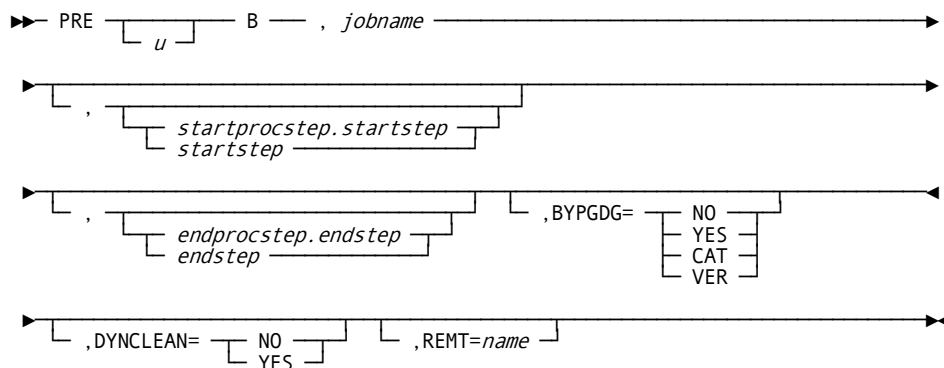
This command has the following format for C processing in R status:



This command has the following format for C processing in P status:



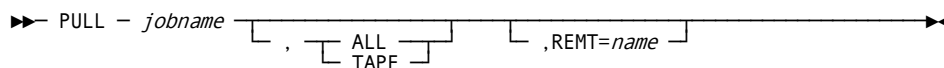
This command has the following format for B processing:



Note: For more information, see the *User Guide*.

PULL - Request Pull List

This command has the following format:



ALL

Indicates to list input and output tapes, DASD data sets, and the number of scratch tapes required.

TAPE

Indicates to list input and output tapes and the number of scratch tapes required.

The default, if neither TAPE nor ALL is specified, lists only input tapes and the number of scratch tapes required.

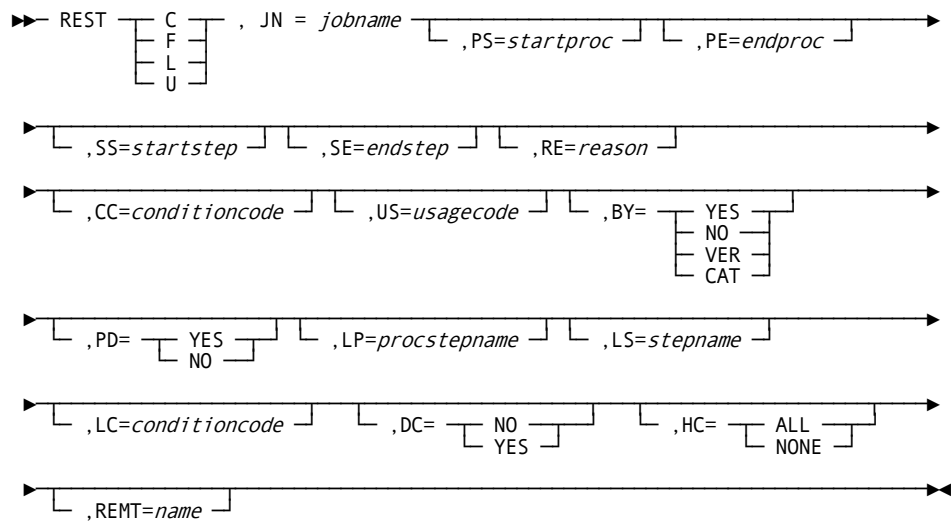
name

Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location at which the command is to execute.

REST - RMS Parameter Restart

The REST command makes database updates required to rerun/restart a job that has been previously abended or otherwise been marked for restart.

This command has the following format:



C

Indicates a request to cancel.

F

Indicates a request to force complete.

L

Indicates a request to list.

U

Indicates a request to update.

JN

Indicates a job name.

PS

Indicates a starting PROC step name.

PE

Indicates an ending PROC step name.

SS

Indicates a starting step name.

SE

Indicates an ending step name.

RE

Indicates a reason-for-rerun.

CC

Indicates a RMS step condition code.

US

Indicates a usage code.

BY

Indicates bypass GDG (YES, NO, VER, CAT).

PD

Indicates pseudo (YES or NO).

LP

Indicates a PROC step name.

LS

Indicates a step name.

LC

Indicates a condition code.

DC

Specifies whether to perform data set maintenance for dynamically allocated data sets (YES or NO).

HC

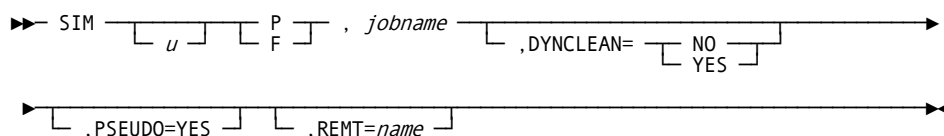
Specifies whether evaluation of the conditional step execution honors the condition codes of all previous steps (NONE or ALL).

REMT=*name*

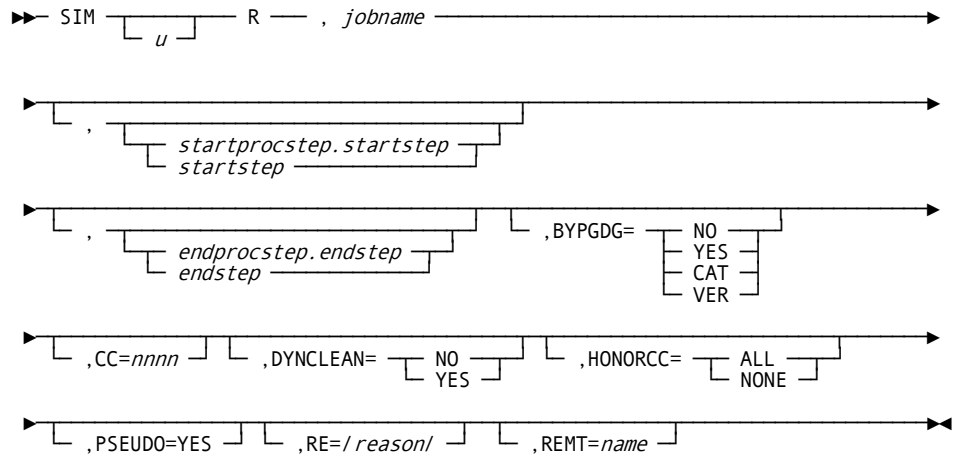
Identifies the 1- to 8-byte JES node name or the 1- to 16-byte CA GTS node name of the location at which the command is to execute.

SIM - Simulated RMS

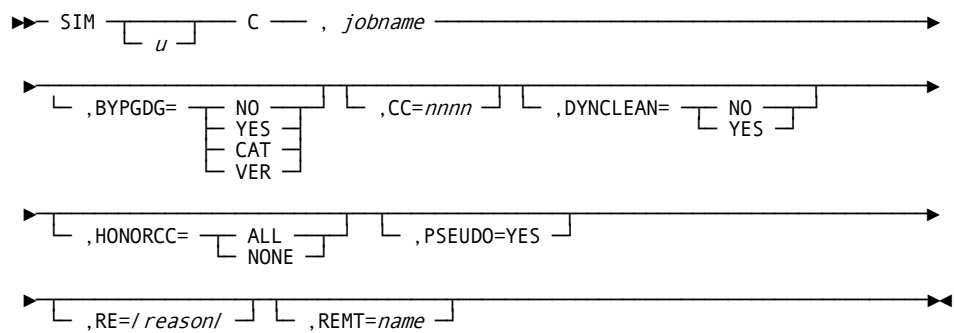
This command has the following format for P and F processing:



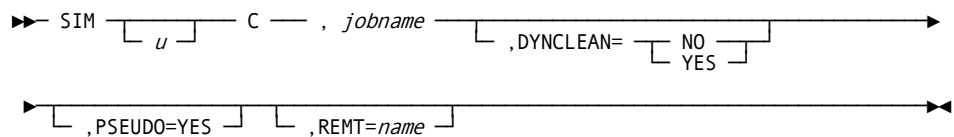
This command has the following format for R processing:



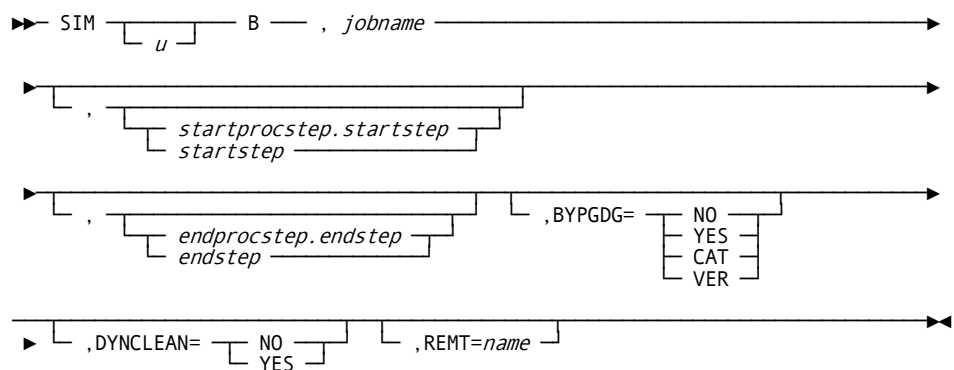
This command has the following format for C processing in R status:



This command has the following format for C processing in P status:



This command has the following format for B processing:



Note: For more information, see the *User Guide*.

Auto Setup Status Inquiry

CINQ *jobname*

```
...AUTOSAL=YES and AUTOSNV=NO...  
    (job is always Auto Setup)  
...AUTOSAL=NO and AUTOSNV=YES...  
    (job will not be Auto Setup)  
...AUTOSAL=NO and AUTOSNV=NO...  
    (job follows installation default)
```

Use CMT Update to change Auto Setup status.

CMT Member Deletions (Online)

Use the DEL command of the CUPD function. The DEL command is valid only when the job record is listed.

Mark JEHF Records for Subsequent Deletion

The SET2PURG flag can be set to YES using the REP command of the JUPD function.

Set/Reset Restartable Flag (Using CUPD Function)

To flag a job as restartable:

```
REP IND1 = RS
```

To flag a job as nonrestartable:

```
REP IND1 = NR
```

The Hex contents of IND1 are:

- 80 = Job not restartable (user-specified)
- 40 = Next P force F
- 20 = Job not restartable (system-specified)
- 10 = Pseudo-production run
- 00 = No restrictions

To flag a step as user-specified restartable:

```
REP LOGIC=RS
```

To flag a step as user-specified nonrestartable:

```
REP LOGIC=NR
```

Note: The //CA11NR DD statement is the recommended method for flagging steps as user-specified nonrestartable.

The Hex contents of LOGIC are:

- 80 = Step not restartable (user-specified)
- 40 = Step will not run due to CA WA Restart Option condition code testing
- 20 = Step not restartable (system-specified)
- 10 = Step not eligible for Auto Setup
- 08 = User set step restartable (user-specified)
- 00 = No restriction

Note: For more information, see the *User Guide*.

Chapter 5: Codes

CA WA Restart Option has a variety of processing codes and verification codes. The following topics detail these codes.

This section contains the following topics:

[Processing Codes](#) (see page 33)

[Verification Codes](#) (see page 34)

Processing Codes

This table shows the processing codes.

Value	Meaning
P	Production
R	Rerun/Restart
F	Format (JCL changes)
N	Null (CA WA Restart Option processing suppressed)
O	Operator (operator intervention requested)
A	Add
B	Backout
C	Current values from CMT for processing code and starting and ending steps.

Note: For more information, see the *User Guide*.

Verification Codes

U11RMS issues Message U11-022 as follows:

VERIFICATION CODE=*cd* **PROC/STEP=***proc.step* **STEP=***step* **DDNAME=***ddname* **DSN=***dsn*

The following table shows the verification codes.

Note: For more information, see the *User Guide*.

Value for <i>cd</i>	Meaning
04	No step records/EOF in CMT tables
08	No step records/EOF on Job queue
12	CMT and SCT procnames disagree
16	CMT and SCT stepnames disagree
20	EOF on SIOT/DDs in CMT tables
24	Added a new data set, DISP=NEW
28	Added a GDG
32	Changed a DD statement
36	BIAS (relative generation) number has changed
40	Data set DISP changed
44	//CA11NR DD DUMMY added
48	Unknown CMT DD record action field
52	GDG model data set label not provided
56	GDG verification failed

Note: For more information, see the *User Guide*.

Chapter 6: Reports

This section contains the following topics:

[Report Numbers and Generating Programs](#) (see page 35)

[Job, Spoilage, Omitted Reason, and Elapsed Time Report Generation](#) (see page 36)

[Data Set Cross-Reference Report Generation](#) (see page 39)

[Input Control Options](#) (see page 42)

[Audit Reporting](#) (see page 42)

Report Numbers and Generating Programs

This table shows the names of all CA WA Restart Option reports, their numbers, and the programs that generate the reports.

Report Number	Report Title	Generating Program
01	Automated Rerun and Tracking System	U11RMS
02	Online Job Queue Trace	U11RMS
03	Pre-Job Processing	U11PRE
04	Job Queue Records for Job	U11PJQ
05	Batch CMT Update	U11UPD
06	Batch CMT Inquiry	U11BNQ
07	Output Data Set List for Job	U11ODS
08	Management Report Detail List	U11MGR
09	Management Report Summary	U11MGR
11	Batch Online Inquiry/Update	U11OBD
20	Control Statements for JEHF Batch Reports	U11RCP
21	Job Report	U11RCP
22	Job Report for Jobs Without Abends	U11RCP
3	Job Report for Jobs with Abends	U11RCP
24	Spoilage Report	U11RCP
25	Spoilage Report for Jobs Without Abends	U11RCP
26	Spoilage Report for Jobs with Abends	U11RCP

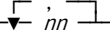
Report Number	Report Title	Generating Program
27	Job Report for Jobs with Reruns	U11RCP
28	Spoilage Report for Jobs with Reruns	U11RCP
31	Omitted Reason Report	U11RCP
41	Elapsed Time Report	U11RCP
42	Elapsed Time Report for Jobs Without Abends	U11RCP
43	Elapsed Time Report for Jobs with Abends	U11RCP
44	Elapsed Time Report for Jobs with Reruns	U11RCP
50	List Audit Report Processing Options	U11ARP
51	List Audit Report Totals	U11ARP
52	List Audit Report: By Time	U11ARP
53	List Audit Report: By Subsystem	U11ARP
54	List Audit Report: By Job Name	U11ARP
55	List Audit Report: By Node ID	U11ARP
56	List Audit Report: By Facility	U11ARP
57	List Audit Report: By User ID	U11ARP
80	Control Statements for CMT Batch Reports	U11CRD
81	Data Set Cross-Reference Report	U11CRD

Job, Spoilage, Omitted Reason, and Elapsed Time Report Generation

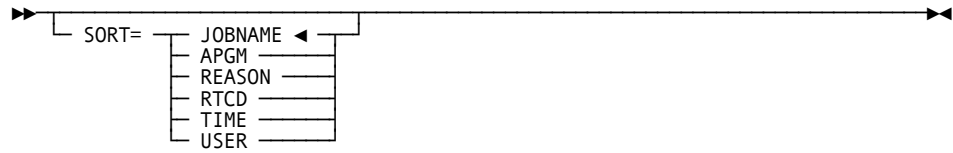
PGM=U11RCP

SYSIN control statements:

REPORTS

►► REPORTS=() —————►►
nn

Defines a report number (21-28, 31, 41-44). A maximum of eight reports can be produced per execution.



JOBNAME

Indicates a user-defined job name. This is the default.

APGM

Indicates an abending program name.

REASON

Indicates a reason-for-rerun.

RTCD

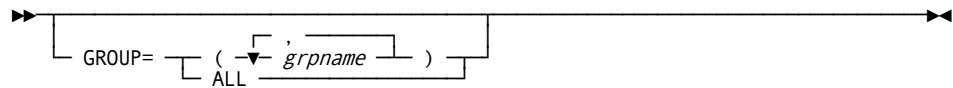
Indicates a highest job return code.

TIME

Indicates an initiation time.

USER

Indicates a PRODUSER.

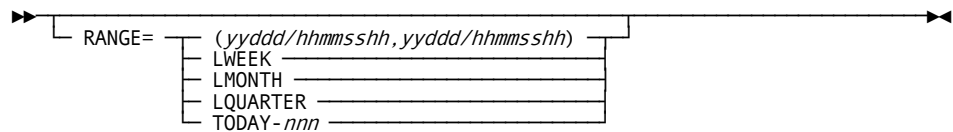


grpname

Defines a user-defined group.

ALL

Represents all groups known to system.



yyddd/hhmmsshh

Defines an initiator start and end times.

LWEEK

Indicates the last calendar week.

LMONTH

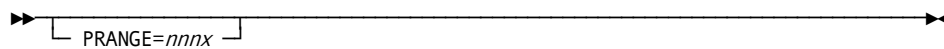
Indicates the last calendar month.

LQUARTER

Indicates the last calendar quarter.

TODAY-*nnn*

Indicates the number of days to go back.

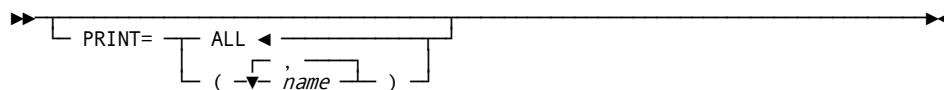


nnn

Defines a reader start time for selection (1-999).

x

Indicates one of the following: H (hours), D (days), W (weeks), M (months).



ALL

Specifies to print all data. This is the default.

name

Specifies data to be printed. Valid *names* include the following:

DETAIL

Indicates to print detail.

ASSOCIATED

Indicates to print detail and associated totals.

SORT

Indicates to print sort break totals.

GROUP

Indicates to print group totals.

GRAND

Indicates to print grand totals.

Note: This control statement is for Reports 21-28, and 41-44.

Data Set Cross-Reference Report Generation

PGM=U11CRD

SYSIN control statements:

►► REPORTS=()

81

Defines a two-digit report number. The default is 81.

►► PAGEBRK=

NO

Indicates that no page break will occur. This is the default.

YES

Causes a page break to occur each time a sort break occurs.

►► SORT=

JOB

Specifies to sort by job name, step name, and data set name. This is the default.

DSN

Specifies to sort by data set name, job name, and step name.

►► INCLUDE=JOB=

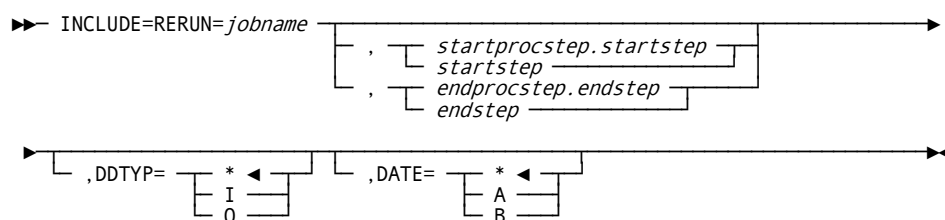
Selects all job names. This is the default.

jobname

Defines the job name to select. The name can contain up to eight characters.

jobname*

Defines a generic job name of up to seven characters.

***jobname***

Defines the job name to select. Can contain up to eight characters.

startprocstep.startstep

Defines the stepname that executes the beginning PROC and the first step in that PROC where the selection is to begin.

startstep

Defines the step name that executes the program where the selection is to begin.

endprocstep.endstep

Defines the step name that executes the ending PROC and the last step in that PROC to select.

endstep

Defines the step name that executed the last program to select.

DDTYP=value

Indicates the type of DDs to select.

Selects all DDs. This is the default.

I

Selects only input DDs.

O

Selects only output DDs.

DATE=value

Indicates the date of the jobs to select.

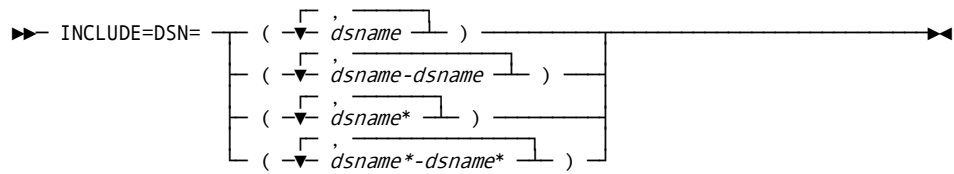
Scans all jobs. This is the default.

B

Scans only those jobs having a date/time before that of the rerun job.

A

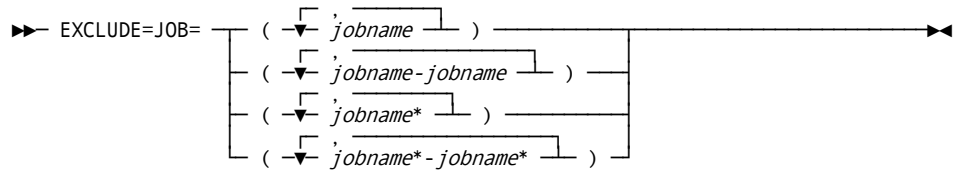
Scans only those jobs having a date/time after that of the rerun job.

**dsname**

Data set name to select. Can contain up to 44 characters.

dsname*

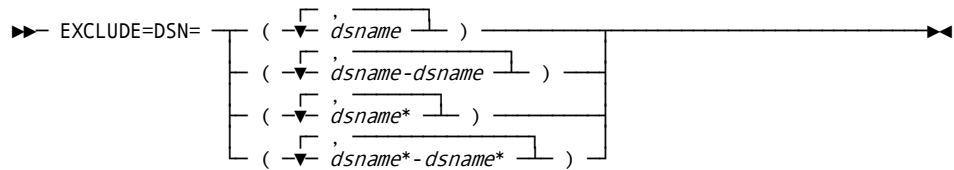
Generic data set name to select. Can contain up to 43 characters.

**jobname**

Job name to exclude. Can contain up to eight characters.

jobname*

Generic job name to exclude. Can contain up to seven characters.

**dsname**

Data set name to exclude. Can contain up to 44 characters.

dsname*

Generic data set name to exclude. Can contain up to 43 characters.

Input Control Options

These input control options control which input sources the reporting program uses.

DATABASE (AUD1-O-INPDB)

Specifies whether the CA WA Restart Option database is an input source to the reporting program.

Y

Uses the database as an input source. This is the default.

N

Does not use the database as an input source.

PURGE FILE (AUD1-O-INPPURG)

Specifies whether CA WA Restart Option purge data sets are an input source to the reporting program. Specify a data set concatenation to read multiple purge data sets.

N

Does not use a purge data set as an input source. This is the default.

Y

Uses purge data sets as an input source.

Audit Reporting

CAL7SAMP Member=AL7ARP

PGM=U11ARP

The Input Control, Report Selection, Report Section Control, and Filtering Control Options are specified in the U11ARP program source. The keywords that control the report content are listed in the following topics. The data field names in the U11ARP program are shown in parentheses.

CA Datacom Database ID Option

DATABASE ID (AUD1-O-DBID)

Specifies the CA Datacom database ID that uniquely identifies the CA WA Restart Option database. Specify three digits.

Default: 601

Report Selection Options

These options control which reports the reporting program produces.

BY TIME (AUD1-O-RPTTIME)

Specifies whether the reporting program produces Report 52 - List Audit Report: by Time.

Y

Produces the report. This is the default.

N

Does not produce the report.

BY SUBSYSTEM (AUD1-O-RPTSSYS)

Specifies whether the reporting program produces Report 53 - List Audit Report: by Subsystem.

Y

Produces the report. This is the default.

N

Does not produce the report.

BY JOBNAME (AUD1-O-RPTJOB)

Specifies whether the reporting program produces Report 54 - List Audit Report: by Jobname.

Y

Produces the report. This is the default.

N

Does not produce the report.

BY NODE ID (AUD1-O-RPTNODE)

Specifies whether the reporting program produces Report 55 - List Audit Report: by Node ID.

Y

Produces the report. This is the default.

N

Does not produce the report.

BY FACILITY (AUD1-O-RPTFAC)

Specifies whether the reporting program produces Report 56 - List Audit Report: by Facility.

Y

Produces the report. This is the default.

N

Does not produce the report.

BY USER ID (AUD1-O-RPTUSER)

Specifies whether the reporting program produces Report 57 - List Audit Report: by User ID.

Y

Produces the report. This is the default.

N

Does not produce the report.

Report Selection Control Options

The audit report is comprised of the following three sections:

- Processing options
- Report detail
- Summary totals

These options control which report sections are produced.

PROCESSING OPTIONS (AUD1-O-RPTOPTS)

Specifies whether to produce the audit processing options report, Report 50 - List Audit Report Processing Options.

Y

Produces the report. This is the default.

N

Does not produce the report.

REPORT DETAIL (AUD1-O-RPTDETL)

Specifies whether to produce the audit detail reports, Reports 52 - 57.

Y

Produces the reports. This is the default.

N

Does not produce the report.

SUMMARY TOTALS (AUD1-O-RPTSUMM)

Specifies whether to produce the audit summary totals, Report 51 - List Audit Report Totals.

Y

Produces the reports. This is the default.

N

Does not produce the report.

Filtering Control Options

These options specify the selection criteria to use when determining which audit records to select for reporting.

SUBSYSTEM (AUD1-F-SUBSYS)

(Required) Defines the four-character CA WA Restart Option subsystem name or * for all subsystems.

Default: * (all subsystems)

JOB NAME (AUD1-F-JOBNAME)

(Optional) Defines one- to eight-characters of a name or a name prefix ended by * as in *, ABC*, or xyz123*.

Default: * (all job names)

NODE ID (AUD1-F-NODEID)

(Optional) Defines a one- to eight-character JES node ID.

Default: * (all node IDs)

FACILITY (AUD1-F-FACILITY)

(Optional) Defines a one- to eight-character facility code.

Default: * (all facilities)

USER ID (AUD1-F-USERID)

(Optional) Defines a one- to eight-character operator name.

Default: * (all user IDs)

DATE FORMAT (AUD1-F-DATEFM)

(Optional) Specifies the format of printed dates:

A

Specifies the American format of YYYY/MM/DD. This is the default.

I

Specifies the international format of YYYY/DD/MM.

AUDIT (AUD1-F-AUDFDAT, AUD1-F-AUDFTIM, AUD1-F-AUDTDAT, AUD1-F-AUDTTIM)

(Optional) Defines a range for date and time selection. The parameters are FROM and THRU limits for selection of data meeting all the preceding selection criteria. The date fields can be TODAY or * to specify today's date (the date of the report execution). Relative dates in the form TODAY+*nnn*, TODAY-*nnn*, *+*nnn*, and *-*nnn* are also permitted (where *nnn* is an integer in the range 1 - 999). Leaving the field blank is treated as choosing any date/time. Dates are in *yyyy/mm/dd* format. Times are in *hh:mm:ss* format.

Chapter 7: System Operator Commands

The following shows the system operator commands used with the Database Address Space.

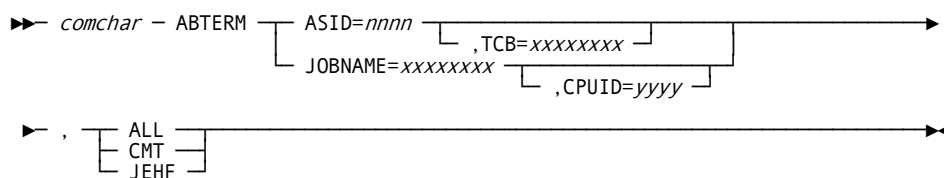
This section contains the following topics:

[ABTERM Command](#) (see page 47)
[ALLOCATE DSN Command](#) (see page 48)
[CPUFAIL Command](#) (see page 48)
[DISPLAY ACTIVITY Command](#) (see page 48)
[DISPLAY CB Command](#) (see page 48)
[DISPLAY CB NAME Command](#) (see page 49)
[DISPLAY CONFIG Command](#) (see page 49)
[DISPLAY FILES Command](#) (see page 49)
[DISPLAY FLAGS Command](#) (see page 49)
[DISPLAY JOBNAME Command](#) (see page 49)
[DISPLAY MODULE Command](#) (see page 50)
[DISPLAY OPTIONS Command](#) (see page 50)
[DISPLAY STATUS Command](#) (see page 50)
[DISPLAY STORAGE Command](#) (see page 50)
[FREE DD Command](#) (see page 50)
[HELP Command](#) (see page 51)
[REFRESH CONFDD Command](#) (see page 51)
[REFRESH CONFDSN Command](#) (see page 51)
[REFRESH Command](#) (see page 51)
[RESUME Command](#) (see page 52)
[SET Command](#) (see page 52)
[SHUTDOWN Command](#) (see page 52)
[START Command](#) (see page 52)
[SUSPEND Command](#) (see page 53)

ABTERM Command

The ABTERM command forces cleanup for abended user address space or task.

This command has the following format:



ALLOCATE DSN Command

The ALLOCATE DSN command dynamically allocates a data set name to the DBAS task.

This command has the following format:

►► *comchar* – ALLOCATE – DSN=*dsname* —————►►

CPUFAIL Command

The CPUFAIL command forces cleanup for failed processor.

This command has the following format:

►► *comchar* – CPUFAIL – CPUID=*xxxx* – ,

ALL
CMT
JEHF

 —————►►

DISPLAY ACTIVITY Command

The DISPLAY ACTIVITY command shows DBAS activity.

This command has the following format:

►► *comchar* – DISplay – ACTivity —————►►

ALL
CMD
CMT
DYDS
JEHF
MANT
NDA

DISPLAY CB Command

The DISPLAY CB command shows DBAS task control block information.

This command has the following format:

►► *comchar* – DISplay – CB —————►►

ALL
CMD
CMT
DYDS
JEHF
NDA

DISPLAY CB NAME Command

The DISPLAY CB NAME command dumps storage for the control block.

This command has the following format:

►► *comchar* – DISplay – CB – ,NAME=*nnnn* —————►►

DISPLAY CONFIG Command

The DISPLAY CONFIG command shows DBAS configuration parameters.

This command has the following format:

►► *comchar* – DISplay – CONFig —————►►

DISPLAY FILES Command

The DISPLAY FILES command shows the file allocations of the DBAS task.

This command has the following format:

►► *comchar* – DISplay – FILEs —————►►

DISPLAY FLAGS Command

The DISPLAY FLAGS command shows DBAS diagnostic flag status.

This command has the following format:

►► *comchar* – DISplay – FLAgS —————►►

DISPLAY JOBNAME Command

The DISPLAY JOBNAME command shows DBAS-related information about job accessing CMT or JEHF tables in the database.

This command has the following format:

►► *comchar* – DISplay – JOBname=

xxxxxxx

 ,Rplq=

YES
NO

 —————►►

► ,

ALL
CMT
JEHF
NDA

 —————►►

DISPLAY MODULE Command

The DISPLAY MODULE command finds modules and shows information about them.

This command has the following format:

►► *comchar* – DISplay – MODule=*name* —————►►

DISPLAY OPTIONS Command

The DISPLAY OPTIONS command shows the values from the U11OPT module.

This command has the following format:

►► *comchar* – DISplay – OPTIONS —————►►

DISPLAY STATUS Command

The DISPLAY STATUS command shows DBAS task status.

This command has the following format:

►► *comchar* – DISplay – STATus —————►►

,	ALL
	CMD
	CMT
	DYDS
	JEHF
	MANT
	NDA

DISPLAY STORAGE Command

The DISPLAY STORAGE command shows the contents of virtual storage in a hex dump format.

This command has the following format:

►► *comchar* – DISplay – STORAGE=*aaaaaaaa* —————►►

,L=	111
-----	-----

FREE DD Command

The FREE DD command frees dynamically a DDNAME from the DBAS task.

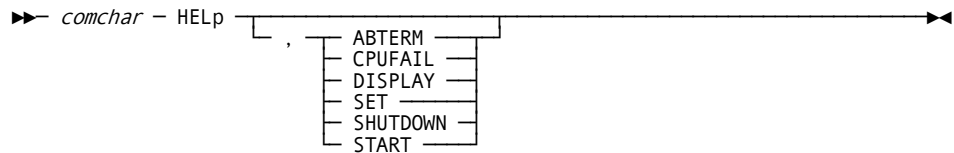
This command has the following format:

►► *comchar* – FREE – DD=*ddname* —————►►

HELP Command

The HELP command shows DBAS operator command formats.

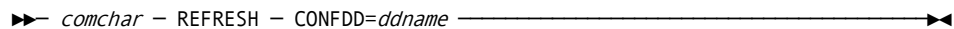
This command has the following format:



REFRESH CONFDD Command

The REFRESH CONFDD command changes dynamically a subset of configuration file parameters.

This command has the following format:

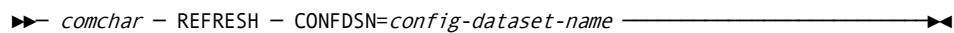


REFRESH CONFDSN Command

The REFRESH CONFDSN command changes dynamically a subset of configuration file parameters.

The DSNAME specified on this command should be a full configuration file with changed parameters.

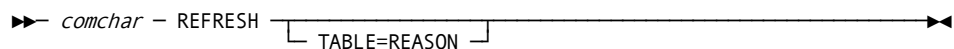
This command has the following format:



REFRESH Command

The REFRESH command refreshes the Reason-for-Rerun table.

This command has the following format:



RESUME Command

The RESUME command reestablishes connections to the CA Datacom Multi-User Facility (MUF) and continue processing when DBAS is in SUSPEND mode. The RESUME command also can resume auditing if auditing is suspended.

This command has the following format:

```

>> comchar - RESUME [ AUDIT ]

```

SET Command

The SET command sets or resets CA WA Restart Option diagnostic modes.

This command has the following format:

```

>> comchar - SET [ CIJB [ CIWK [ CMTD [ GPDS [ GSVC [ GTRT [ GVSM [ STATS ] ] ] ] ] ] ] ,ACT= [ ON [ OFF ] ]

```

SHUTDOWN Command

The SHUTDOWN command shuts down DBAS JEHF I/O task, maintenance task, or all DBAS.

This command has the following format:

```

>> comchar - SHUTDOWN [ ALL [ NOW [ DYDS [ JEHF [ MANT ] ] ] ] ]

```

START Command

The START command starts or restarts DBAS JEHF I/O task or maintenance task.

This command has the following format:

```

>> comchar - START [ JEHF [ ,JPOST= [ NO [ YES ] ] ] ] [ DYDS [ MANT ] ]

```

SUSPEND Command

The SUSPEND command temporarily closes all connections to the Multi-User Facility (MUF) and stops processing requests.

This command has the following format:

►► *comchar* – SUSPEND —————►►