

# StorageTek Enterprise Library Software

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Syntax Quick Reference

Version 7.1



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# Preface

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Oracle's StorageTek Enterprise Library Software (ELS) is a solution consisting of the following base software:

- Oracle's StorageTek Storage Management Component (SMC)  
(includes the product formerly known as StorageTek HTTP Server)
- Oracle's StorageTek Host Software Component (HSC)
- Oracle's StorageTek Virtual Tape Control Software (VTCS)
- Oracle's StorageTek Concurrent Disaster Recovery Test (CDRT)

Additionally, the following software is provided with the ELS package:

- Oracle's StorageTek Library Content Manager (LCM). LCM includes an enhanced version of the product formerly known as Offsite Vault Feature.
- Oracle's StorageTek Client System Component for MVS Environments (MVS/CSC)
- Oracle's StorageTek LibraryStation

This publication provides syntax for commands, control statements, and utilities provided by ELS. It is intended for storage administrators, system programmers and operators responsible for configuring and maintaining ELS.

To perform the tasks described in this publication, you should already understand the following:

- z/OS operating system
- JES2 or JES3
- Enterprise Library Software (ELS)

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## Related Documentation

### StorageTek Enterprise Library Software (ELS)

- *Introducing ELS*
- *Installing ELS*
- *ELS Syntax Quick Reference*
- *ELS Messages and Codes*
- *ELS Programming Reference*
- *ELS Legacy Interfaces Reference*
- *Configuring HSC and VTCS*
- *Managing HSC and VTCS*
- *Configuring and Managing SMC*
- *ELS Disaster Recovery and Offsite Data Management Guide*

### StorageTek Library Content Manager (LCM)

- *LCM User's Guide*
- *LCM Messages and Codes*
- *LCM Quick Reference*

### StorageTek Client System Component for MVS Environments (MVS/CSC)

- *MVS/CSC Configuration Guide*
- *MVS/CSC Messages and Codes Guide*
- *MVS/CSC Operator's Guide*
- *MVS/CSC Syntax Quick Reference*
- *MVS/CSC System Programmer's Guide*

### StorageTek LibraryStation

- *LibraryStation Configuration and Administration Guide*
- *LibraryStation Syntax Quick Reference*

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# Documentation, Support, and Training

Function	URL
Oracle Home	<a href="http://oracle.com">http://oracle.com</a>
Documentation	<a href="http://oracle.com/technetwork/indexes/documentation/index.html">http://oracle.com/technetwork/indexes/documentation/index.html</a>
Support	<a href="http://www.oracle.com/us/support/044752.html">http://www.oracle.com/us/support/044752.html</a>
Training	<a href="http://www.oracle.com/us/education/selectcountry-new-079003.html">http://www.oracle.com/us/education/selectcountry-new-079003.html</a>

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# Additional Information

## Conventions for Reader Usability

### Typographic

Some JCL examples in this guide include *italic* type. Italic type is used to indicate a variable. You must substitute an actual value for these variables.

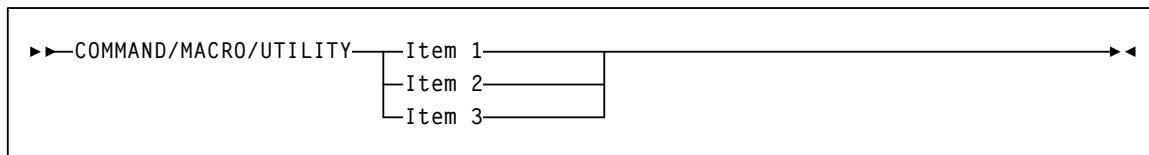
The use of mixed upper and lower case characters for commands, control statements, and parameters indicates that lower case letters may be omitted to form abbreviations. For example, you may simply enter POL when executing the POLicy command.

### Syntax Flow Diagrams

Syntax flow diagramming conventions include the following:

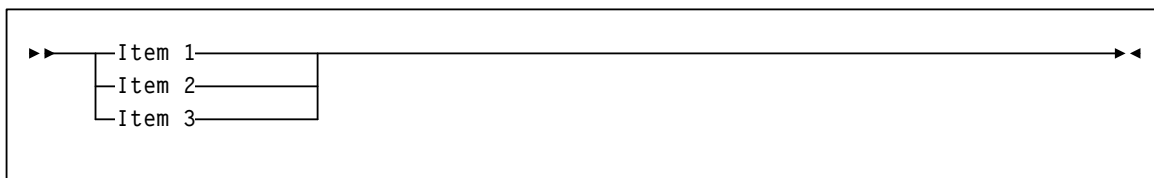
#### Flow Lines

Syntax diagrams consist of a horizontal base line, horizontal and vertical branch lines, and the text for a command, control statement, macro, or utility. Diagrams are read left to right, and top to bottom. Arrows indicate flow and direction.



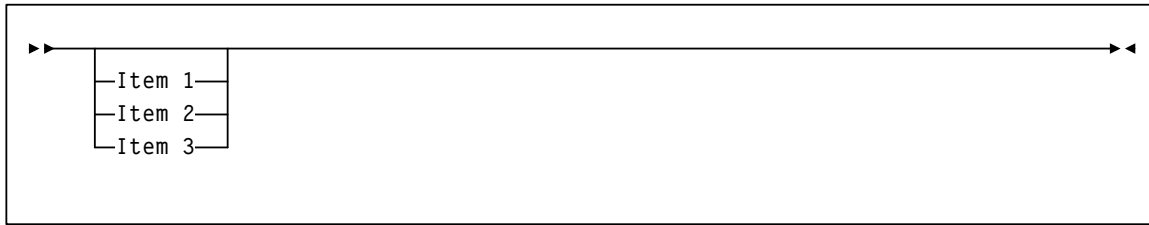
#### Single Required Choice

Branch lines (without repeat arrows) indicate that a single choice must be made. If one of the items to choose from is positioned on the baseline of the diagram, one item must be selected.



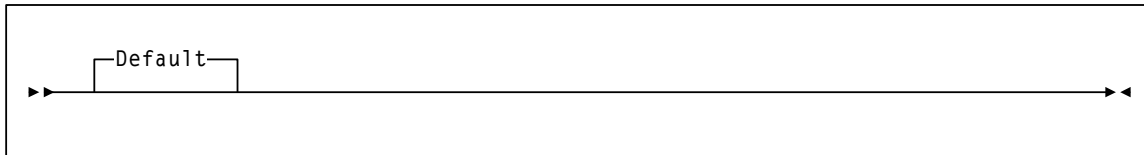
## Single Optional Choice

If the first item is positioned on the line below the baseline, one item may be optionally selected.

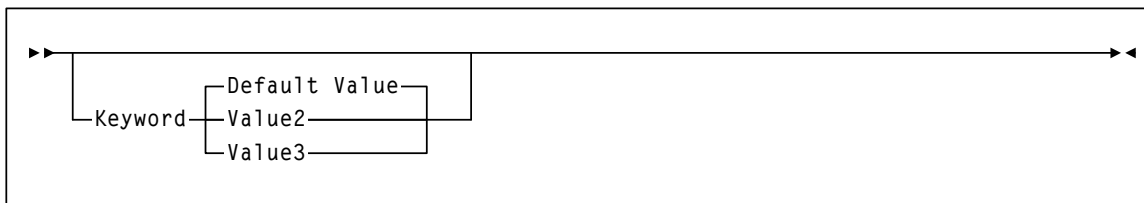


## Defaults

Default values and parameters appear above the baseline.

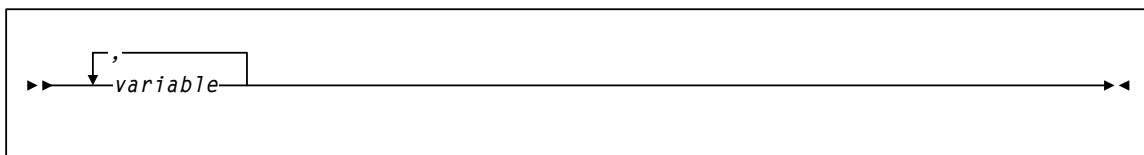


Some keyword parameters provide a choice of values in a stack. When the stack contains a default value, the keyword and the value choices are placed below the baseline to indicate that they are optional, and the default value appears above the keyword line.



## Repeat Symbol

A repeat symbol indicates that more than one choice can be made or that a single choice can be made more than once. The following example indicates that a comma is required as the repeat delimiter.



### *Keywords*

All command keywords are shown in all upper case or in mixed case. When commands are not case sensitive, mixed case implies that the lowercase letters may be omitted to form an abbreviation.

### *Variables*

Italic type is used to indicate a variable.

### *Alternatives*

A bar ( | ) is used to separate alternative parameter values.

### *Optional*

Brackets [ ] are used to indicate that a command parameter is optional.

### *Delimiters*

If a comma (,), a semicolon (;), or other delimiter is shown with an element of the syntax diagram, it must be entered as part of the statement.

### *Ranges*

An inclusive range is indicated by a pair of elements of the same length and data type, joined by a dash. The first element must be strictly less than the second element.

A hexadecimal range consists of a pair of hexadecimal numbers (for example, 0A2-0AD, or 000-0FC).

A decimal range consists of a pair of decimal numbers (i.e., 1-9, or 010-094). Leading zeros are not required. The decimal portion is referred to as an incremental range. The character positions of the incremental portion of both range elements must match, and the non incremental characters of the first element must be identical to those of the second element.

A numeric VOLSER range (*vol-range*) consists of a pair of VOLSER elements containing a decimal portion of 1 to 6 digits (for example, ABC012-ABC025, or X123CB-X277CB). The decimal portion is referred to as an incremental range. The following additional restrictions apply:

- The character positions of the incremental portion of both range elements must match.
- The non incremental characters of the first element must be identical to those of the second element.
- You cannot increment two portions of a range element. If 111AAA is the first element, you cannot specify 112AAB for the second element.



- If a VOLSER range contains more than one decimal portion, any portion is valid as the incremental range. For example:

<u>A00B00</u>	the largest range that can be specified is A00B00 through A99B99.
A0 <u>B0</u> CC	the largest range that can be specified is A0B0CC through A9B9CC.
<u>000</u> XXX	the largest range that can be specified is 000XXX through 999XXX.

An alphabetic VOLSER range (*vol-range*) consists of a pair of VOLSER elements containing an incremental portion of 1 to 6 characters (for example, 000AAA-000ZZZ, or 9AAA55-9ZZZ55). This portion is referred to as an incremental range. The following additional restrictions apply:

- The character positions of the incremental portion of both range elements must match.
- The non incremental characters of the first element must be identical to those of the second element.
- You cannot increment two portions of a range element. If 111AAA is the first element, you cannot specify 112AAAB for the second element.
- The alphabetic portion of the VOLSER range is defined as being from character A to Z. To increment multi-character sequences, each character increments to Z. For instance, ACZ is part of the AAA-AMM range. Examples are:

A <u>00</u> A0-A <u>99</u> A0	increments VOLSERs A00A0 through A09A0, then A10A0 through A99A0.
9 <u>AA</u> 9A-9 <u>ZZ</u> 9A	increments VOLSERs 9AA9A through 9AZ9A, then 9BA9A through 9ZZ9A.
111 <u>AAA</u> -111 <u>ZZZ</u>	increments VOLSERs 111AAA through 111AAZ, then 111ABA through 111ZZZ
999 <u>AM</u> 8-999 <u>CM</u> 8	increments VOLSERs 999AM8 through 999AZ8, then 999BA8 through 999CM8
A3 <u>BZZ</u> 9-A3 <u>CDE</u> 9	increments VOLSERs A3BZZ9 through A3CAA9, then A3CAB9 through A3CDE9
<u>AAAAAA</u> - <u>AAACCC</u>	increments VOLSERs AAAAAA through AAAAAZ, then AAAABA through AAACCC
<u>CCCN</u> NN- <u>DDDN</u> NN	increments VOLSERs CCCNNN through CCCNNZ, then CCCNOA through DDDNNN *

\* **Caution:** This is a very large range.

The number of volumes in an alphabetic VOLSER range depends on the number of elements in the incrementing portion of the VOLSER range. For an A to Z range in each character position, the number of volumes can be calculated by 26 to the power of the number of positions that are being incremented.

A-Z	$26^1$	26
AA-ZZ	$26^2$	676
AAA-ZZZ	$26^3$	17,576
AAAA-ZZZZ	$26^4$	456,976
AAAAA-ZZZZZ	$26^5$	11,881,376
AAAAAA-ZZZZZZ	$26^6$	308,915,776

### *Lists*

A list consists of one or more elements. If more than one element is specified, the elements must be separated by a comma or a blank space, and the entire list must be enclosed in parentheses.

### *Blanks*

Keyword parameters and values may be separated by any number of blanks.

## Control Statements

The standard syntax conventions for control statements are as follows:

- The only valid control statement information area is from column 1 to column 72. Columns 73-80 are ignored.
- Parameters may be separated by one or more blanks or a comma.
- A value is associated with a parameter by an equal (=) sign or by enclosing the value in parentheses, and concatenating it immediately after the parameter.
- Case (upper or lower) is ignored in actual control statements.
- Continuations are supported by including a plus (+) sign at the end of the line to be continued. A control statement is terminated if the statement is not continued.
- /\* and \*/ can be used to enclose comments in the job stream. Comments can be continued over multiple lines, but cannot be nested.

PARMLIB members **must** include a /\*...\*/ comment as the **first** control statement. Otherwise, the old format is assumed. Comments in the old format must begin with an asterisk (\*) in column 1.

For definition data sets (e.g., VOLATTRs, UNITATTRs and TAPEREQs), comments **must** be in the new format (/\*...\*/).

- Asterisk (\*) comments are **not** allowed.
- A /\*...\*/ comment in the first line is **not** required.
- The maximum length for a control statement is 1024 characters.

# SMC Commands and Control Statements

---

This chapter contains syntax for SMC commands and control statements. Interface and subsystem requirement information is included with each command.

Control statements that are loaded by an operator command are described along with that command.

---

**Note** – For detailed information about the commands and control statements included in this publication, and the interfaces used to issue them, refer to the *ELS Command, Control Statement, and Utility Reference*.

---

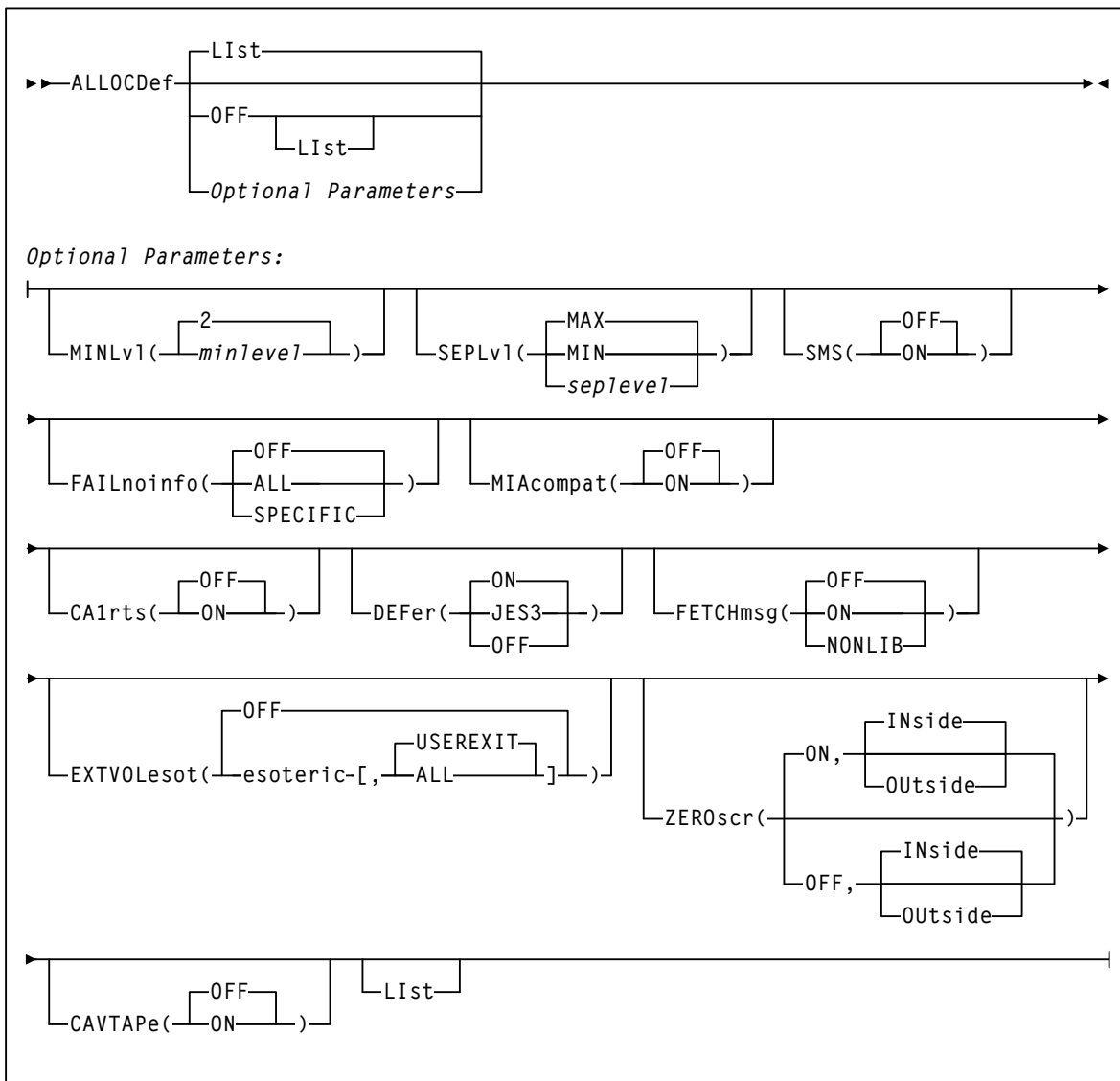
# ALLOCDDef

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



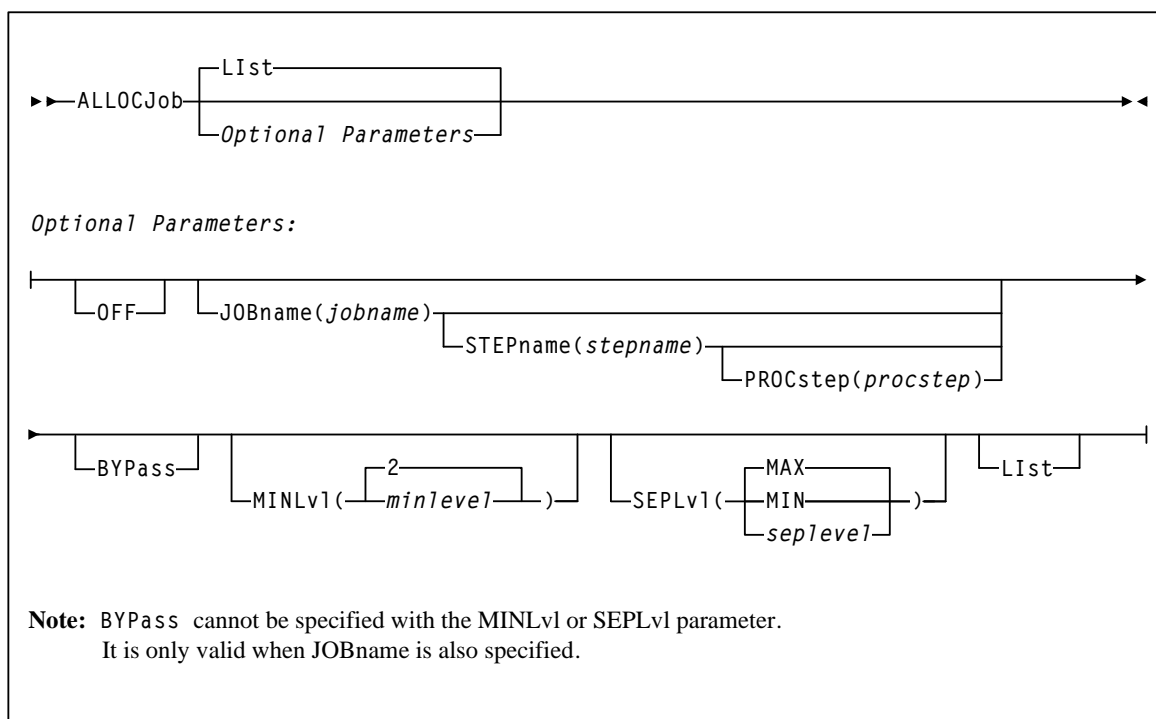
# ALLOCJob

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



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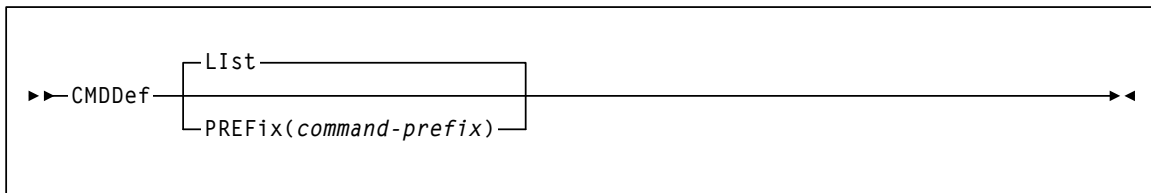
# CMDDef

**Interfaces:**

Console, utility, or SMCPARMS data set  
UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required



# COMMtest

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UII: Yes (No XML/CSV output)

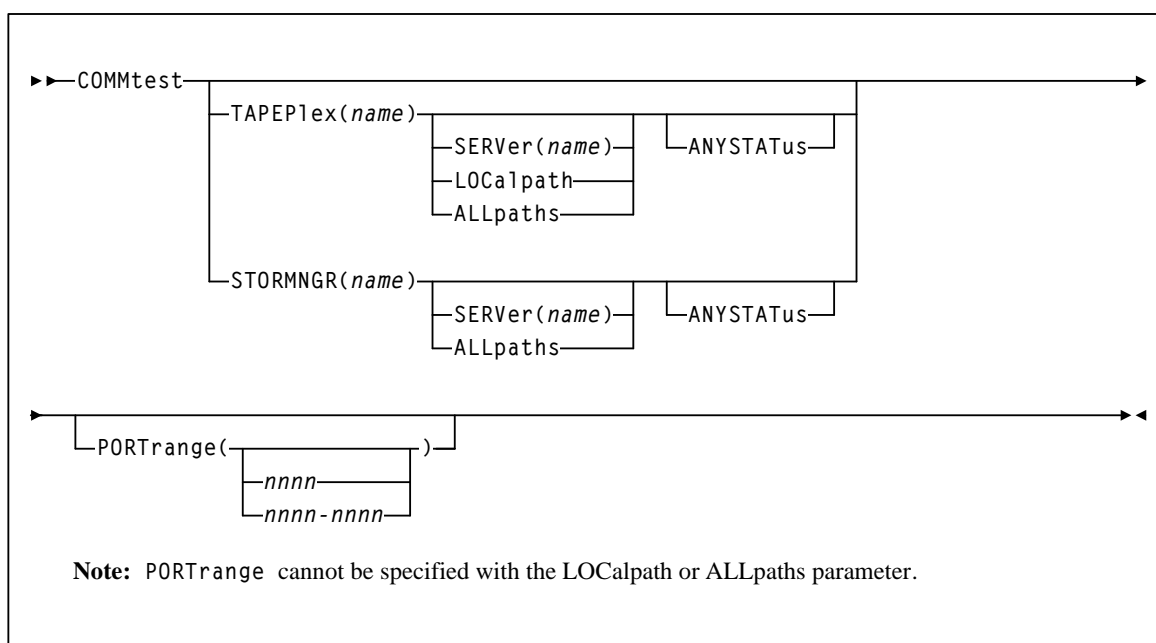
## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

---

**Note – Only** HSC TapePlexes or VLEs are eligible for the COMMtest command.

---



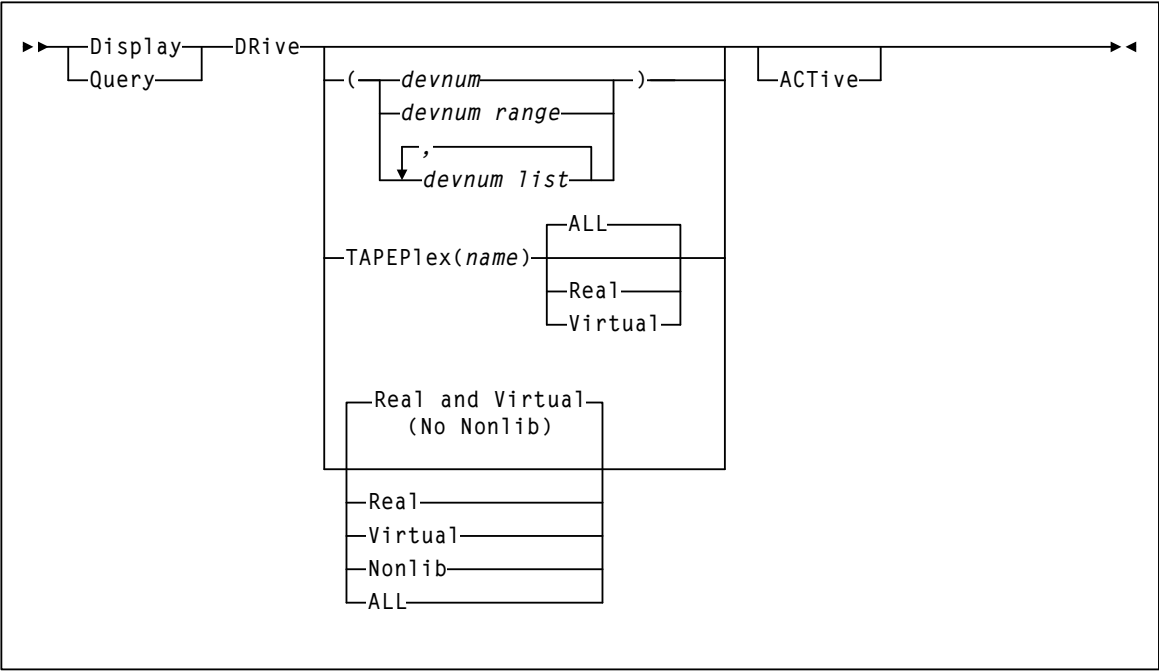
# Display DRIve

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
 UII: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility





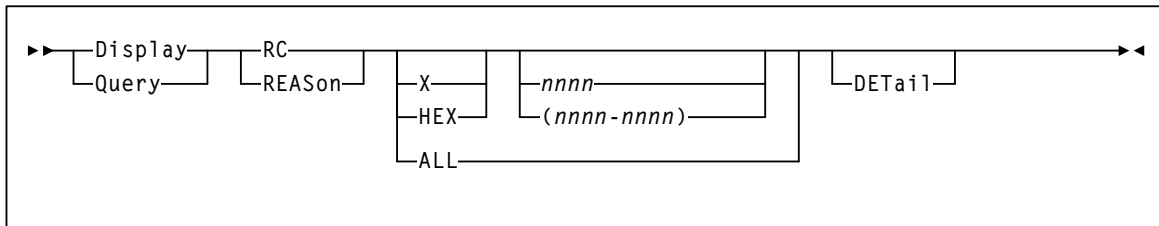
# Display RC

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UII: Yes (supports XML and CSV)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



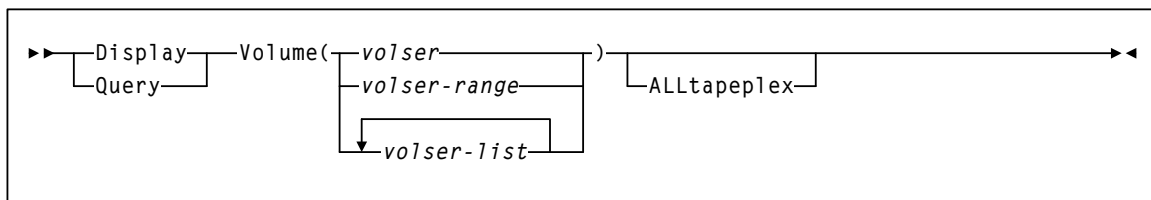
# Display Volume

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UII: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



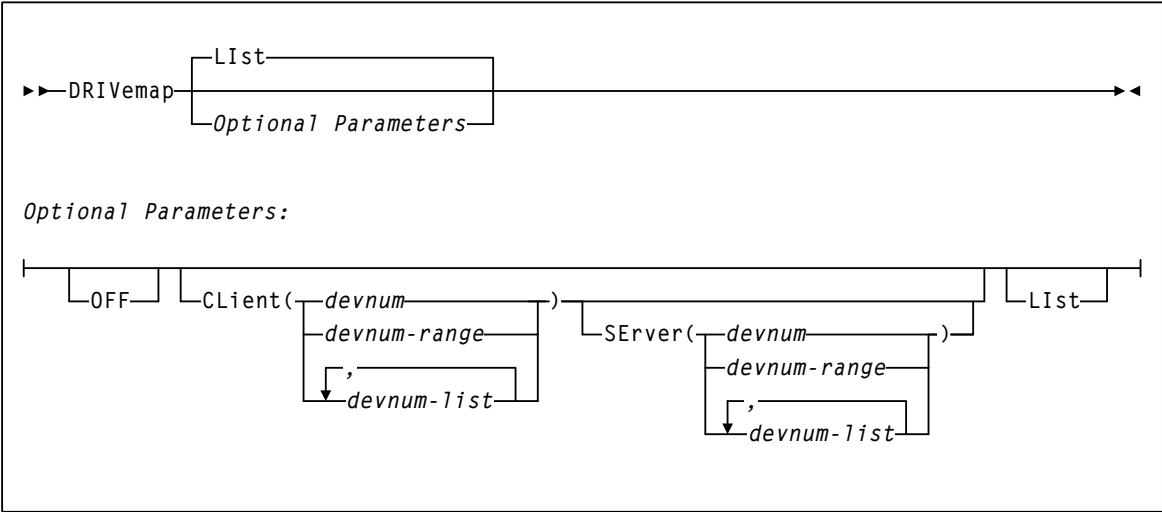
# DRIVemap

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



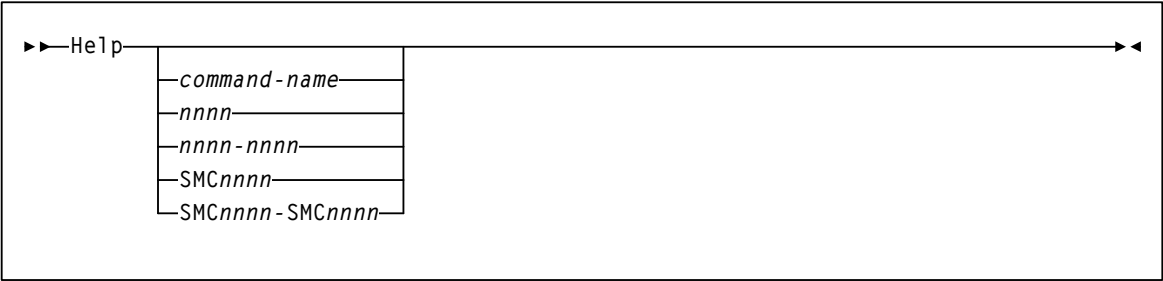
# Help

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



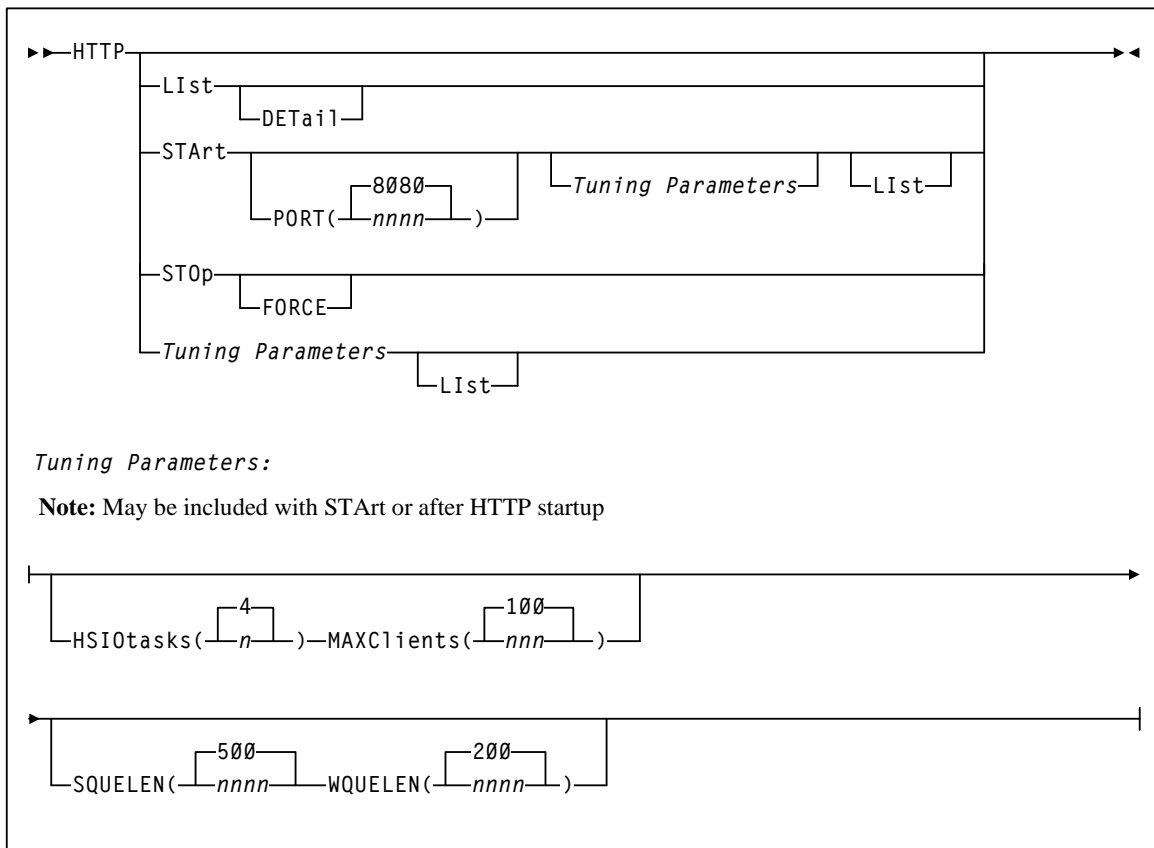
# HTTP

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required



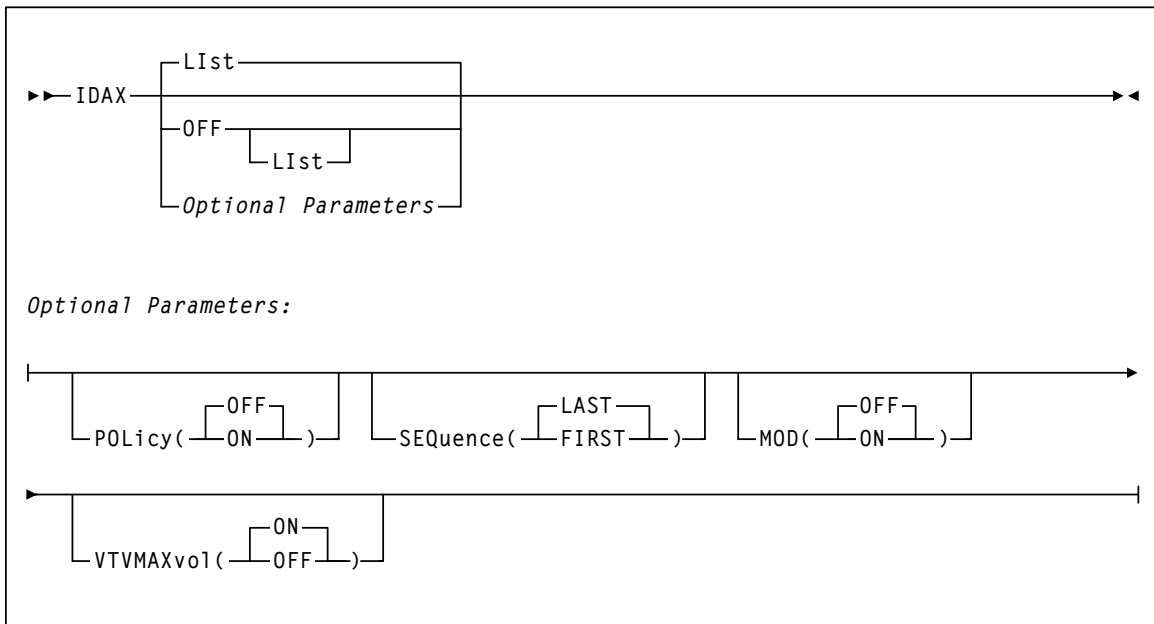
# IDAX

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility





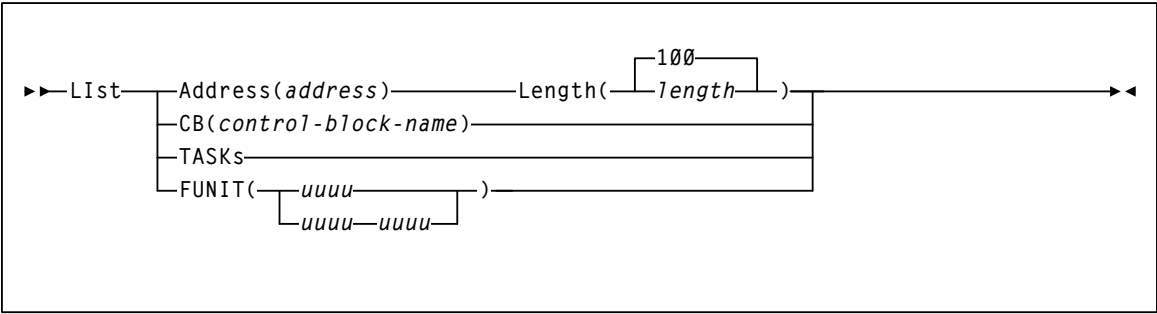
# List

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



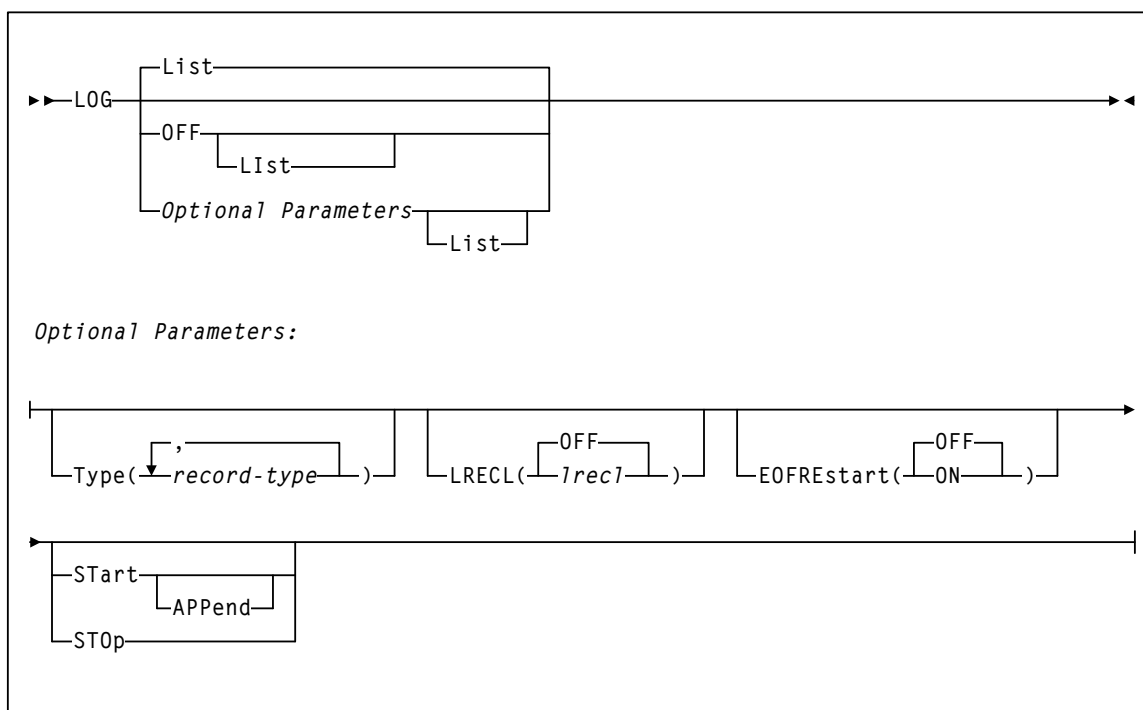
# LOG

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required



---

# METAdata

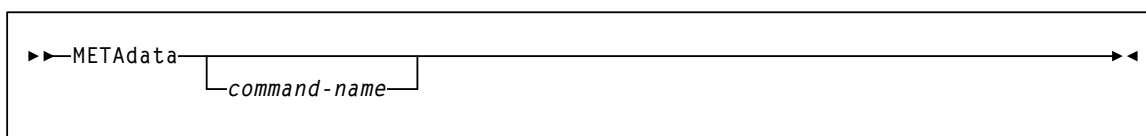
**Interfaces:**

Utility only

UII: Yes

**Subsystem Requirements:**

Active SMC required





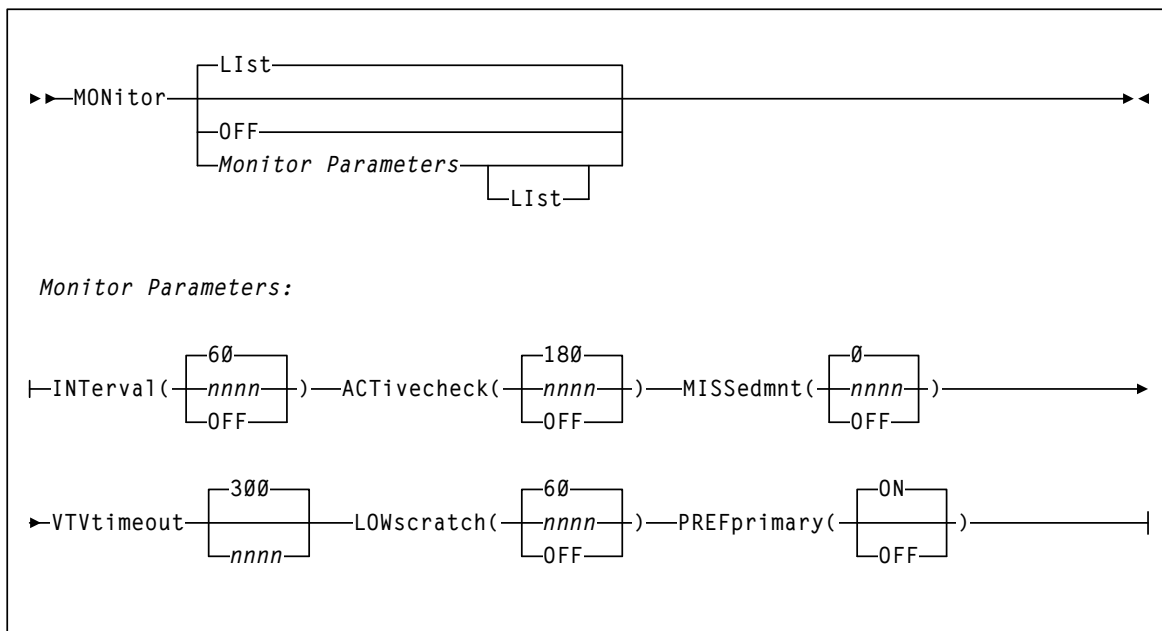
# MONitor

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

- Active SMC required
- Cannot be input to the SMCUSIM utility



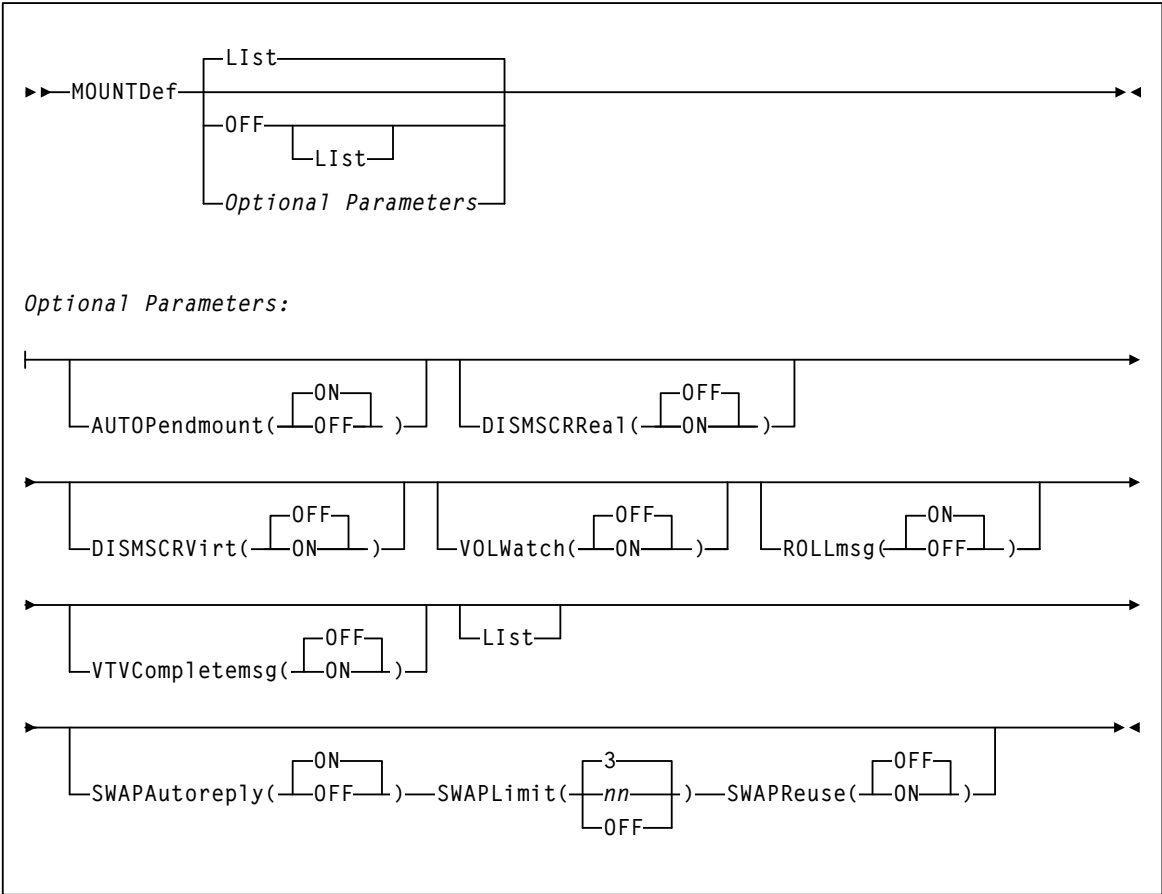
# MOUNTDef

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



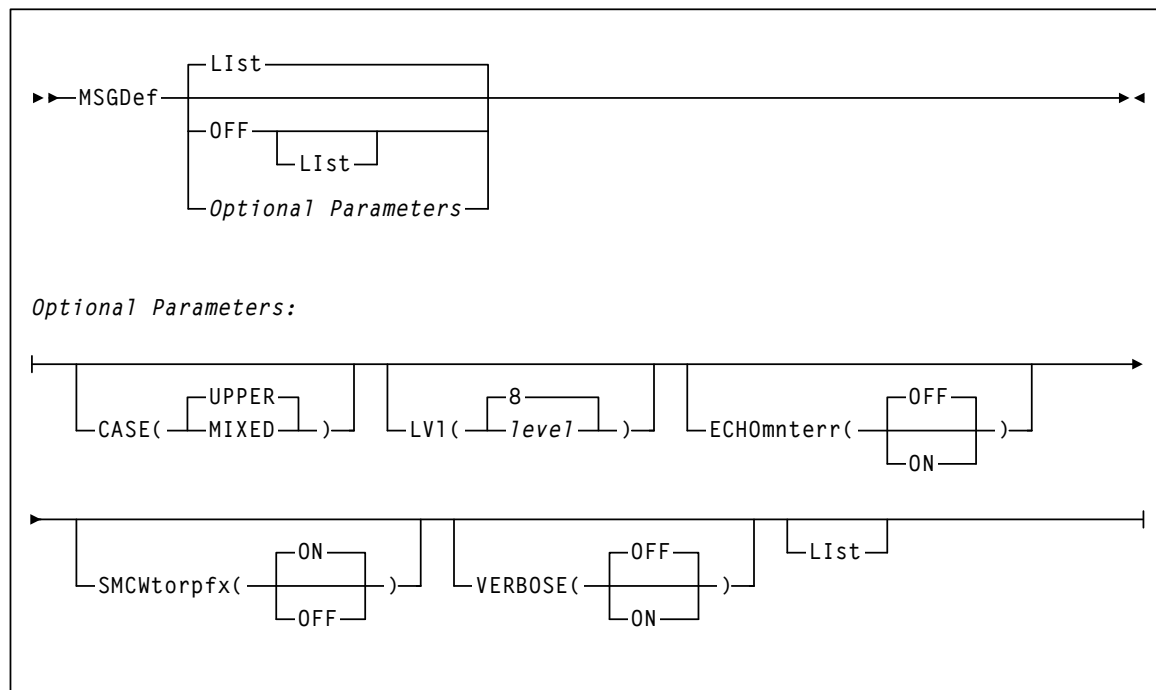
# MSGDef

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



---

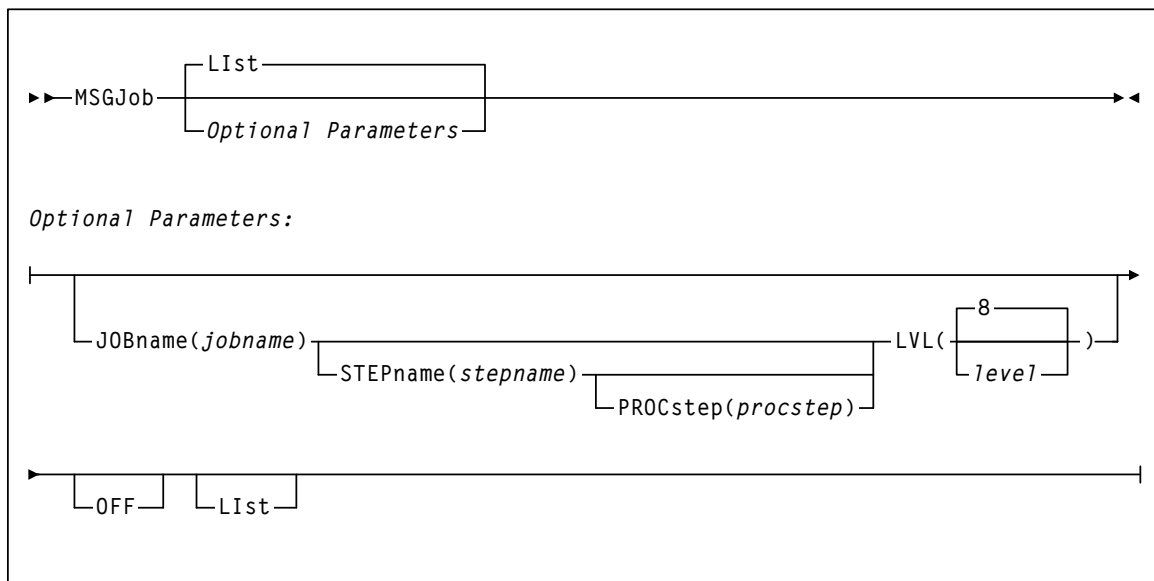
# MSGJob

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



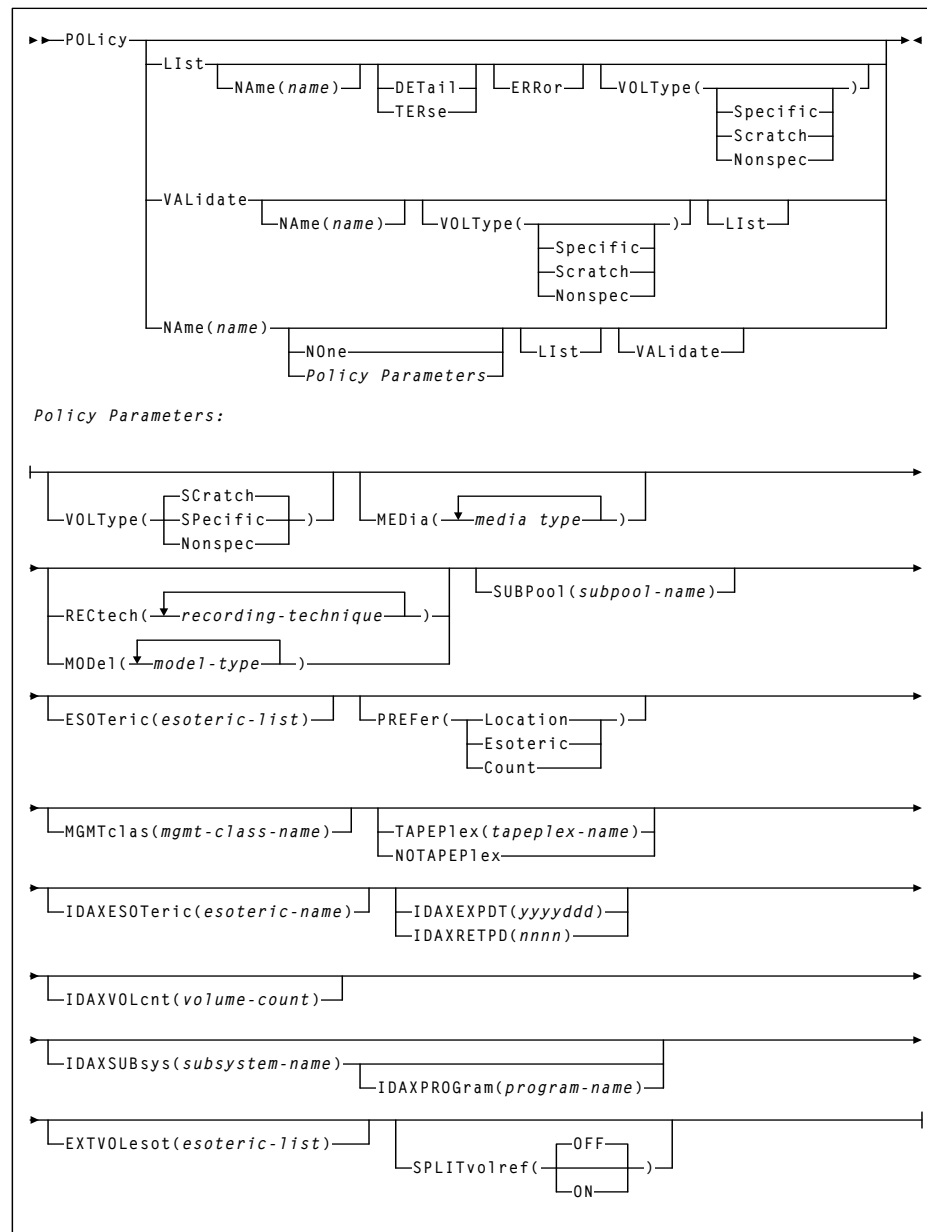
# POLicy

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



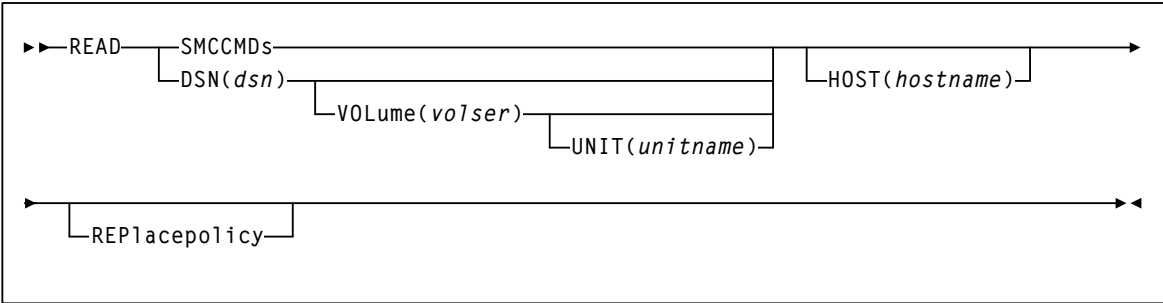
# READ

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



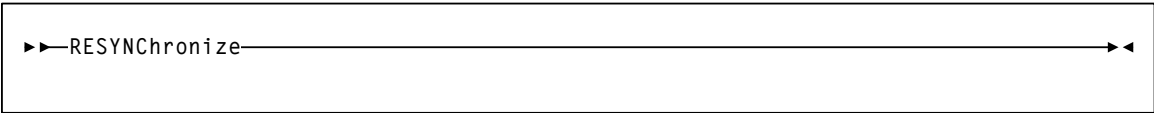
# RESYNChronize

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



---

# Route

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
UII: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required

The diagram shows the syntax for the `Route` command. It starts with a right-pointing arrow followed by the word `Route`. A vertical line then branches into two options: `tapeplex-name` and `stormngr-name`. These are followed by a space and the text `command-string`. A long horizontal line with arrowheads at both ends spans the rest of the command.

```
►Route tapeplex-name command-string
      stormngr-name
```

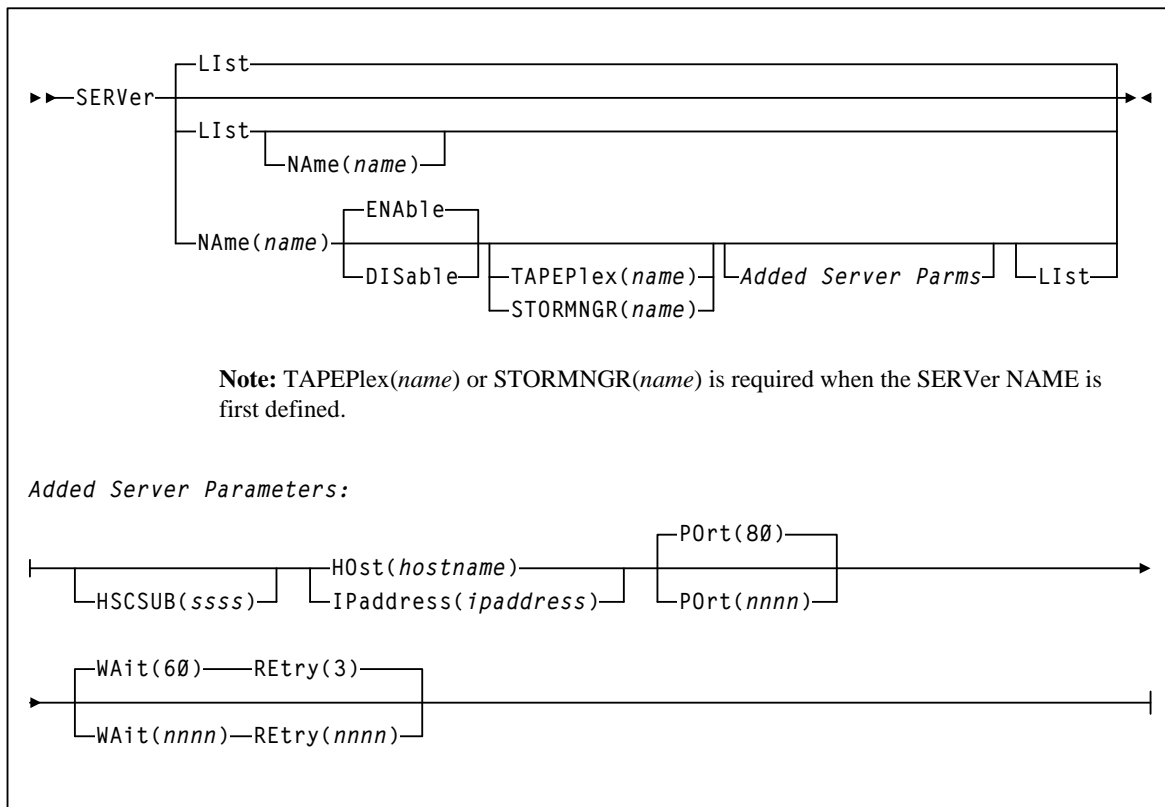
# SERVer

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility





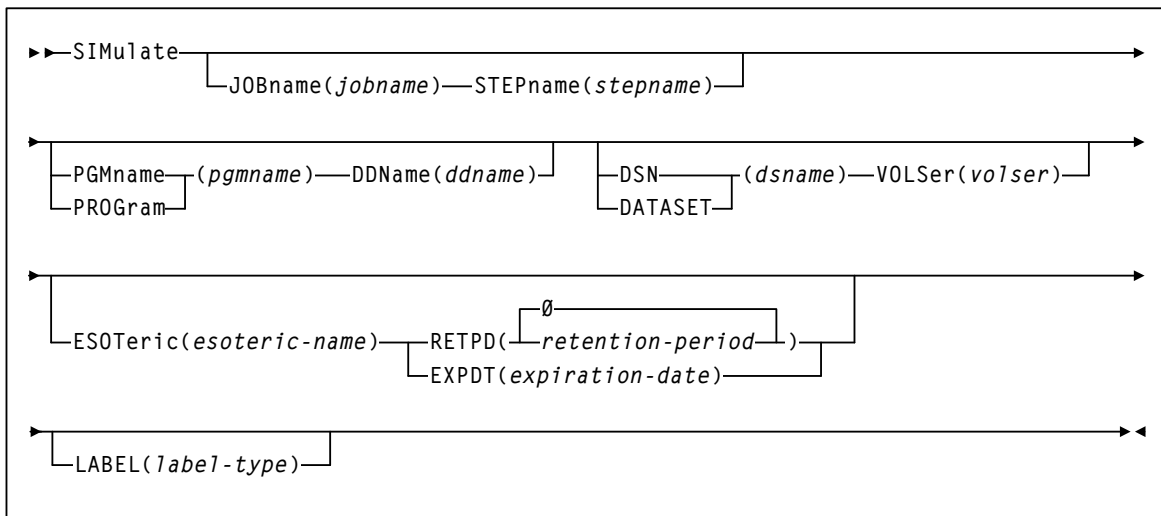
# SIMulate

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



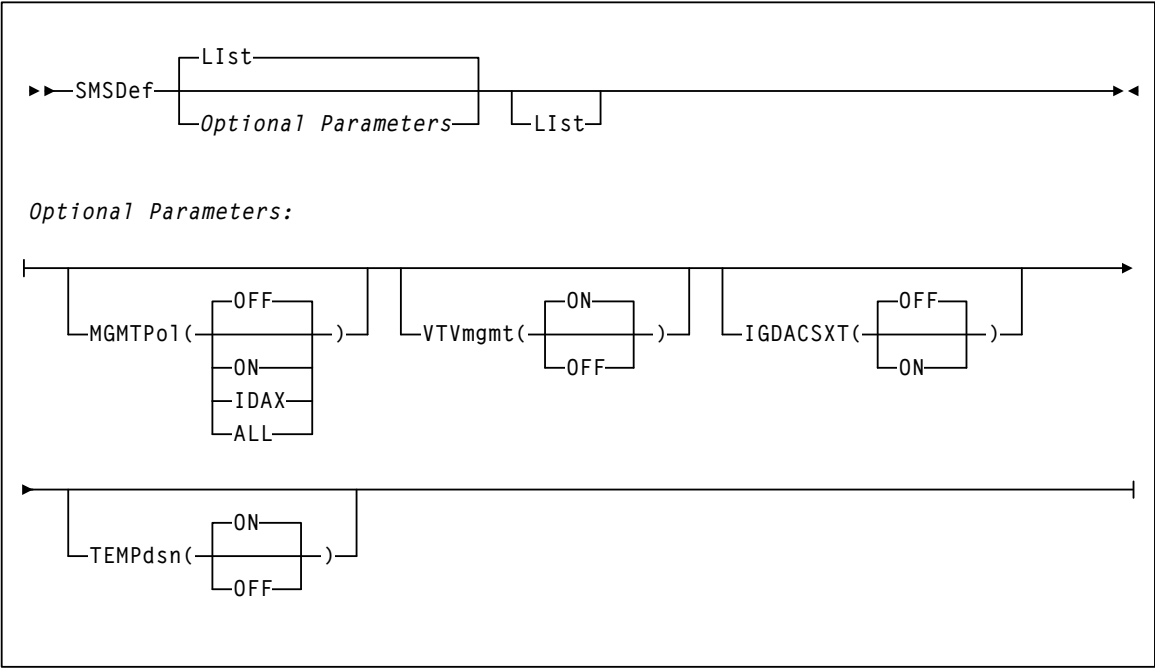
# SMSDef

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



---

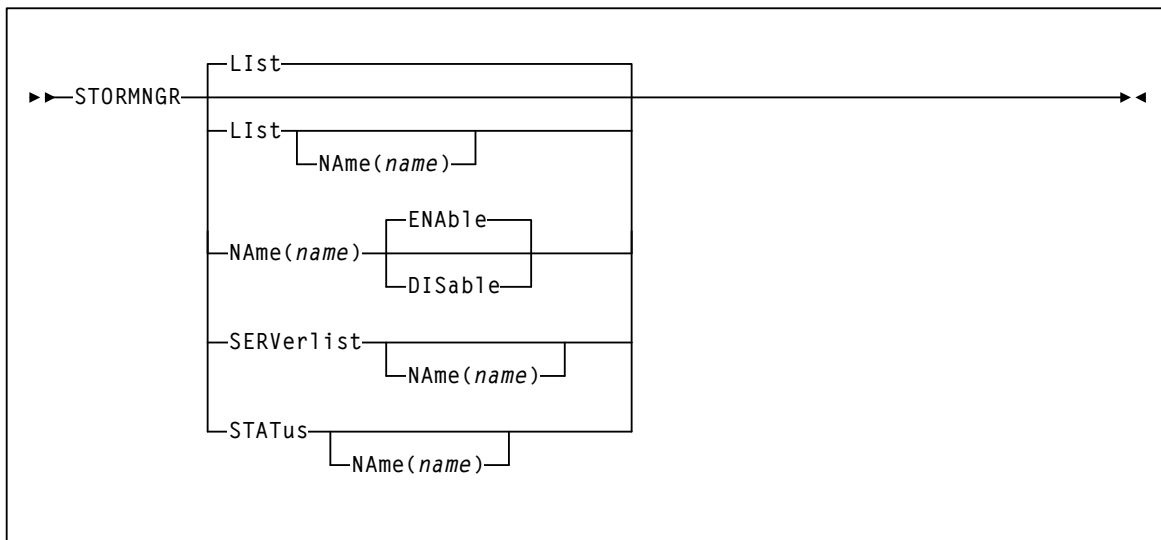
# STORMNGR

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
UII: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



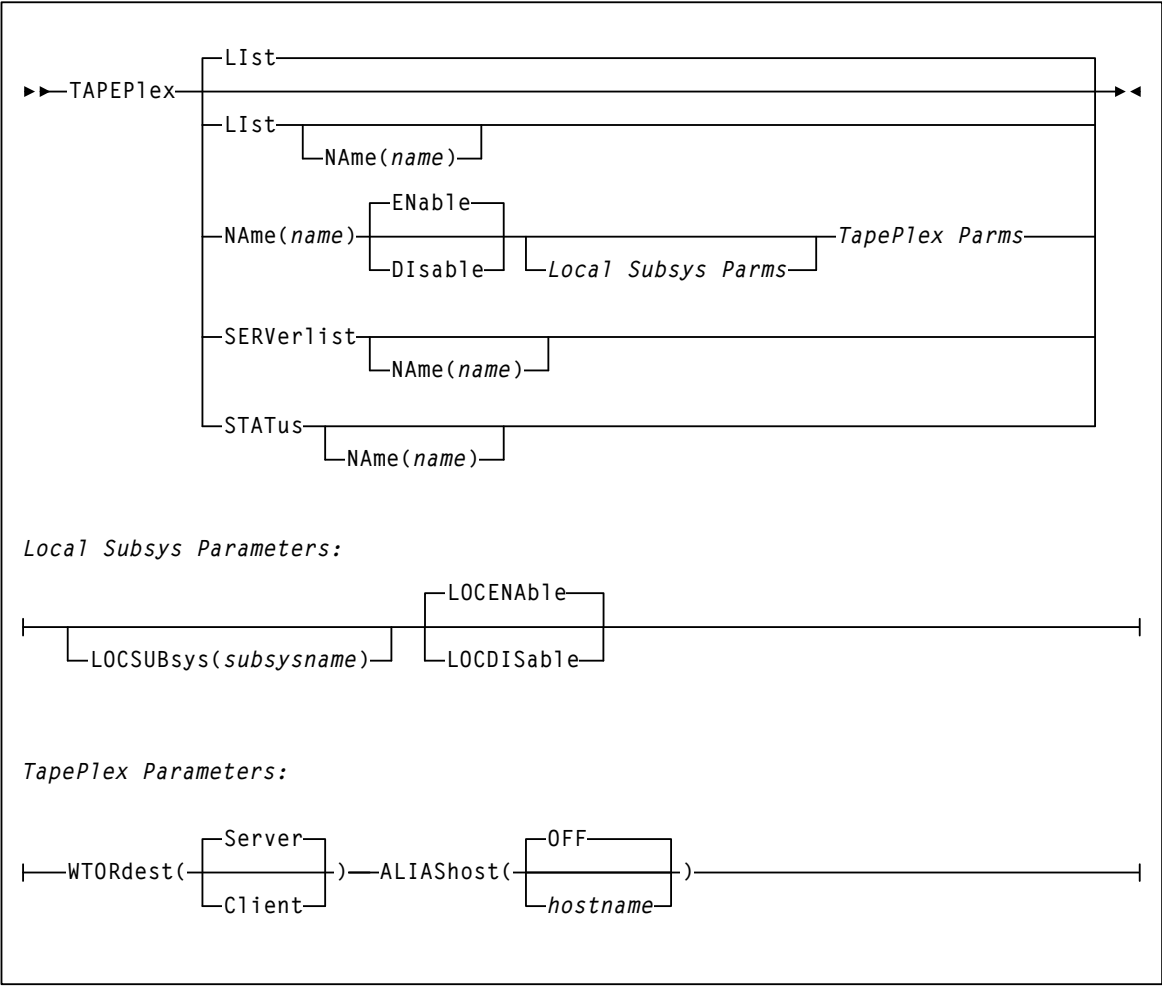
# TAPEPlex

**Interfaces:**

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



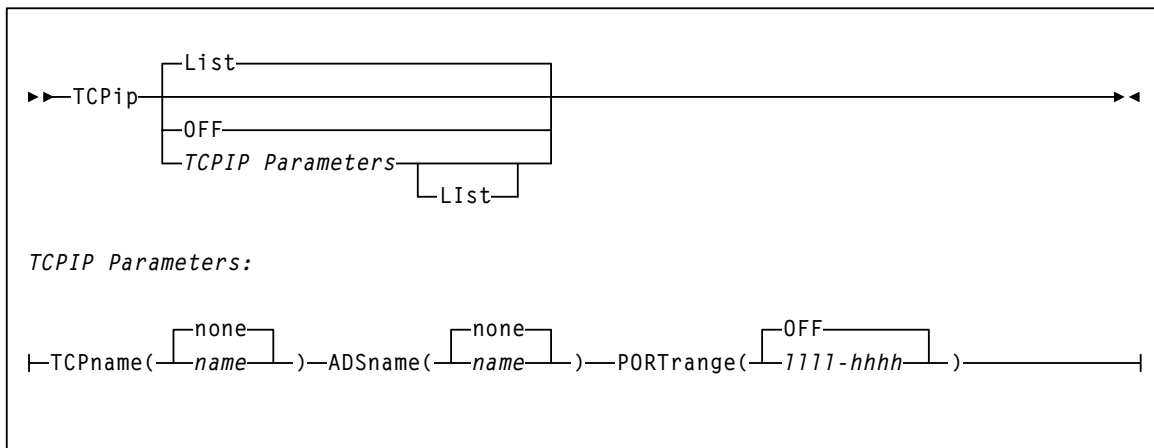
# TCPip

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



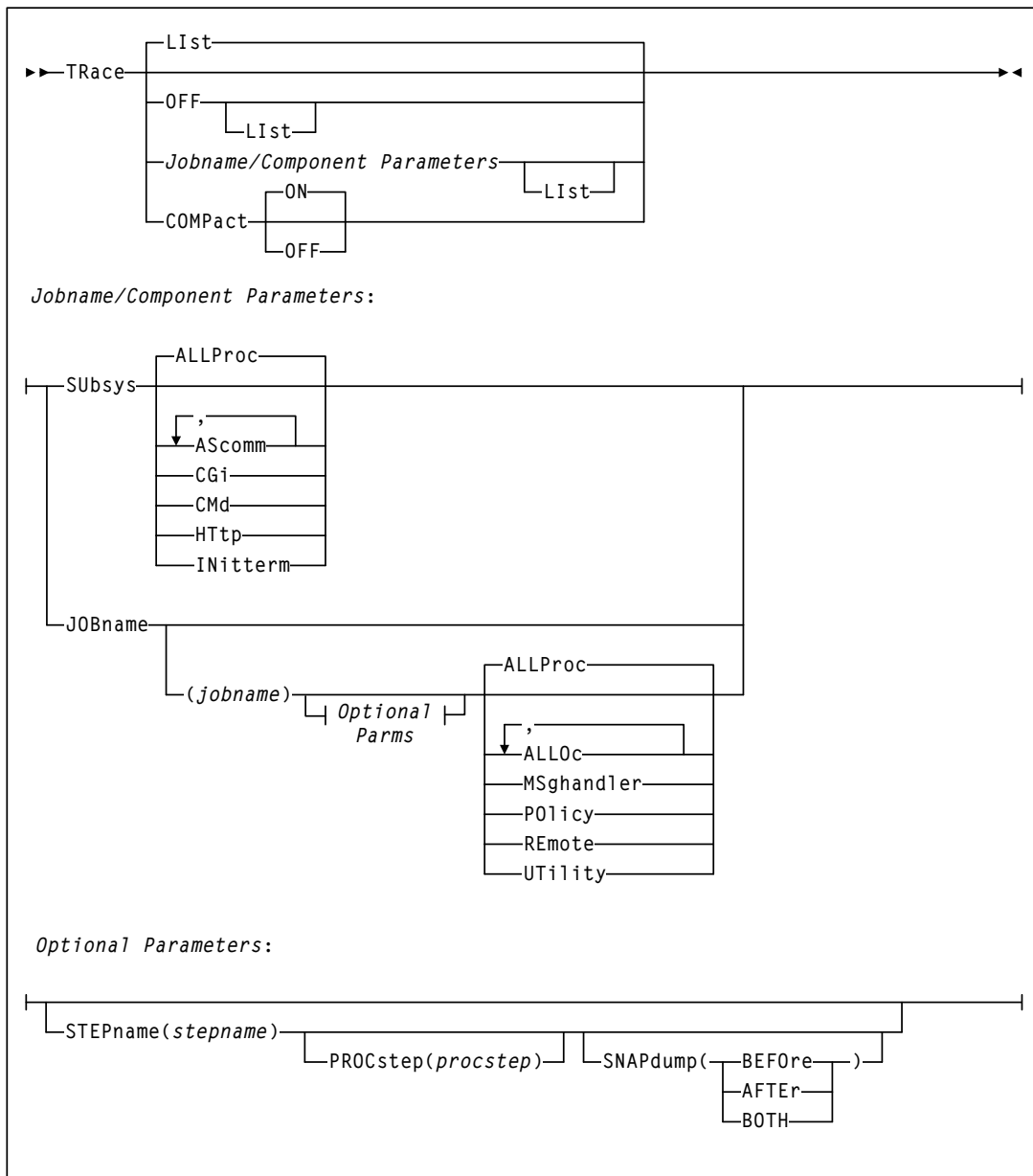
# TRace

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



# TREQDef

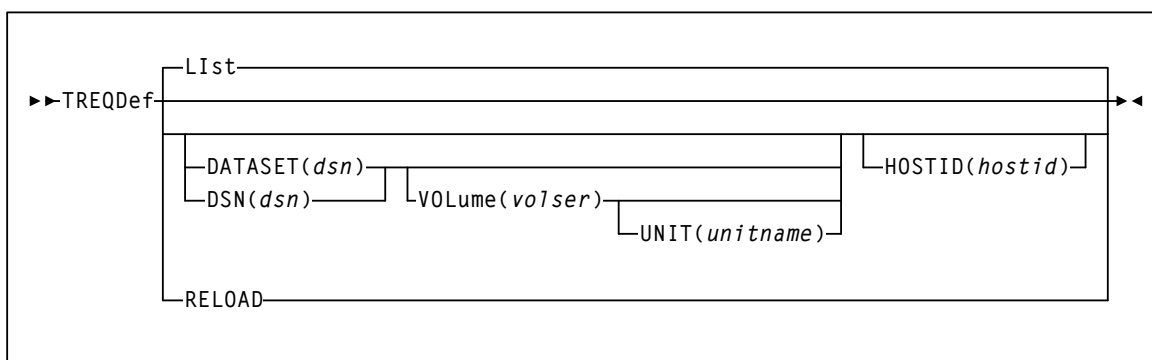
## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set

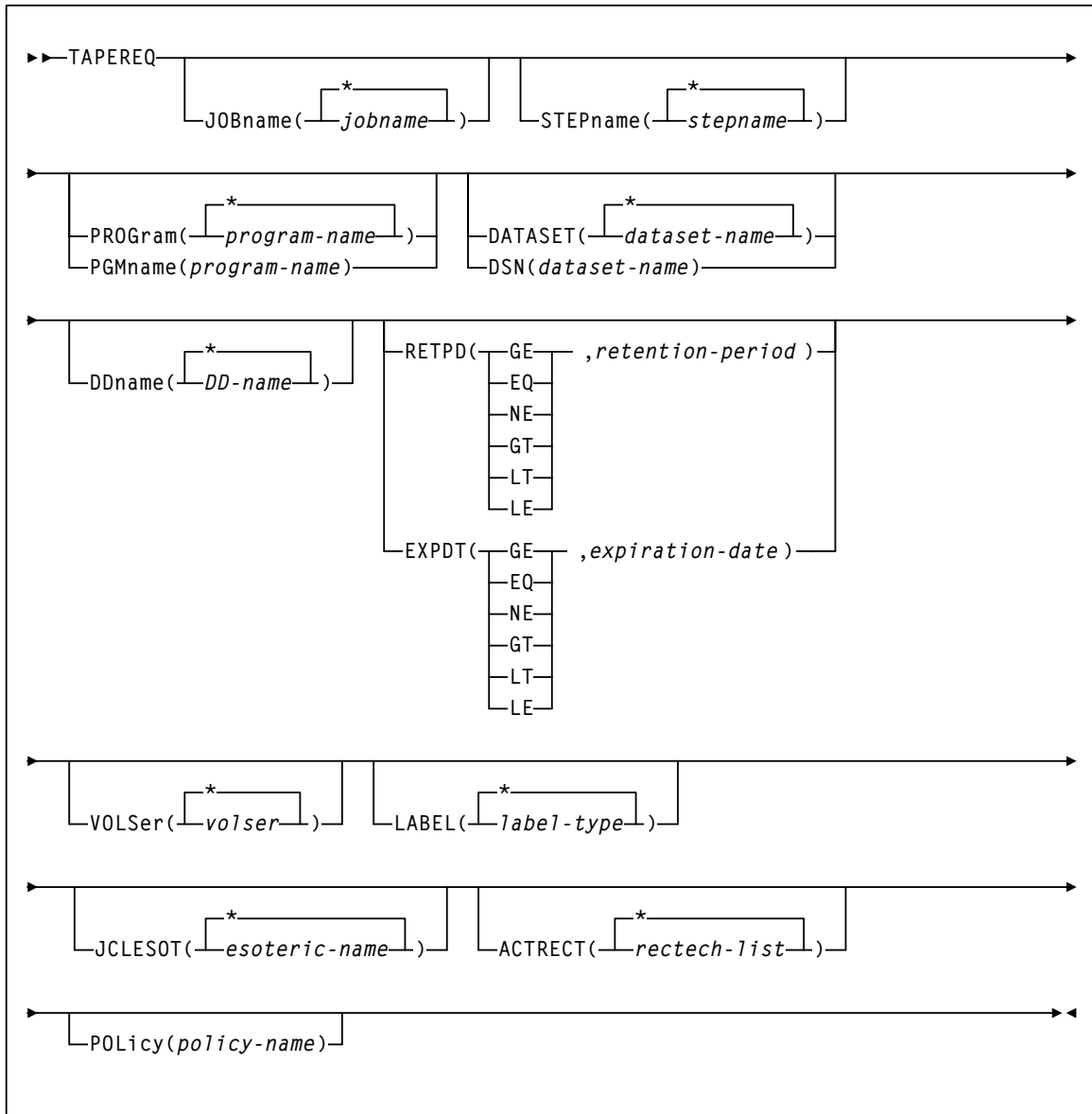
UII: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



## TAPEREQ Control Statement





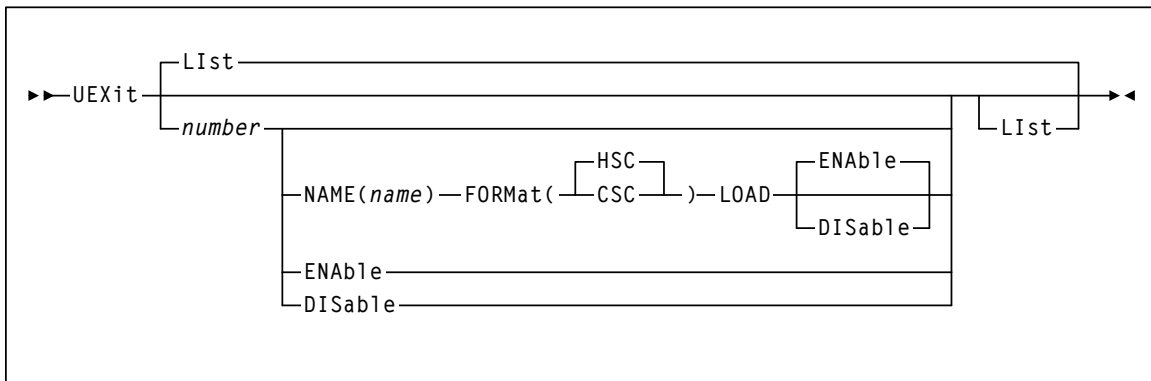
# UExIt

## Interfaces:

Console, utility, or SMCCMDS/SMCPARMS data set  
 UUI: Yes (No XML/CSV output)

## Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility



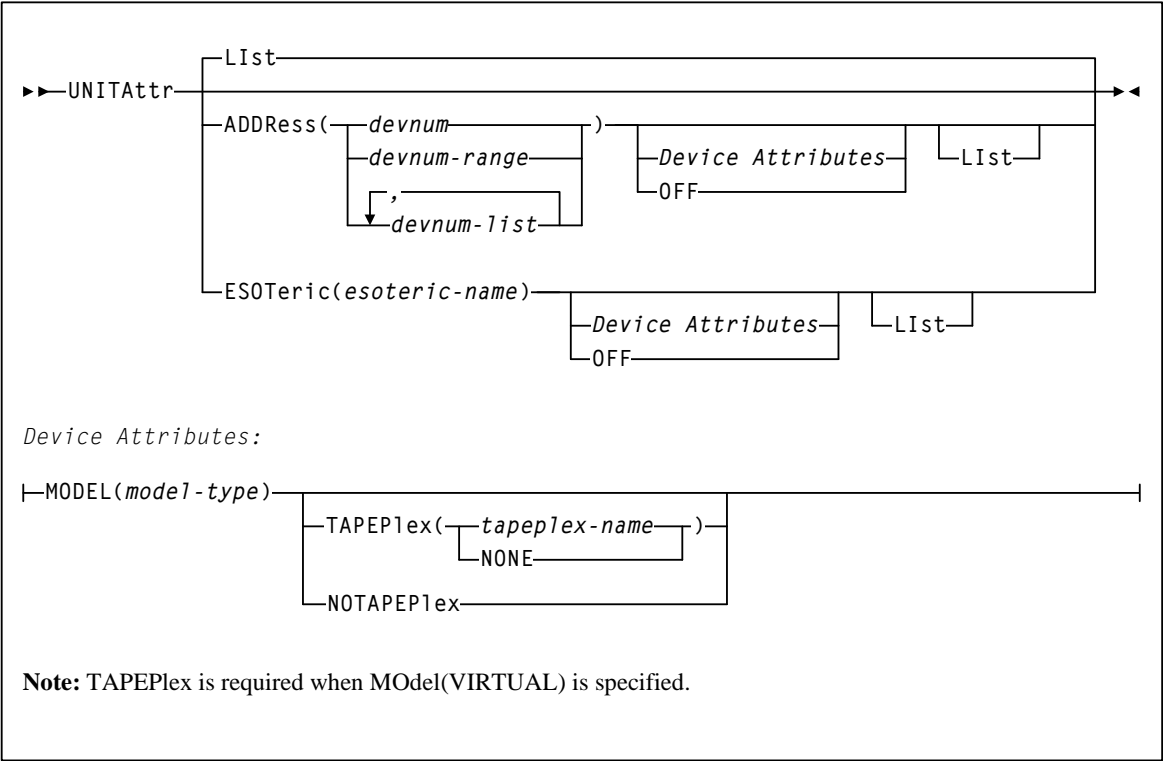
# UNITAttr

**Interfaces:**

Console or SMCCMDS data set  
 UII: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility



---

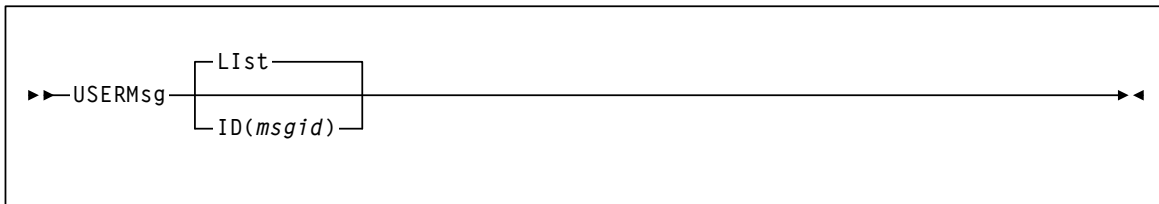
# USERMsg

**Interfaces:**

Console or SMCPARMS data set  
UII: Yes (No XML/CSV output)

**Subsystem Requirements:**

Active SMC required, or may be input to the SMCUSIM utility





## HSC and VTCS Commands and Control Statements

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This chapter contains syntax for HSC commands and control statements. Interface and subsystem requirement information is included with each command.

Control statements that are loaded by an operator command are described along with that command.

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**Note –**

- For detailed information about the commands and control statements included in this publication, and the interfaces used to issue them, refer to the *ELS Command, Control Statement, and Utility Reference*.
  - Certain HSC and VTCS commands are described in the *ELS Legacy Interfaces Guide*. These commands were introduced in a pre-ELS 7.0 software release and their functionality has been replaced.
-

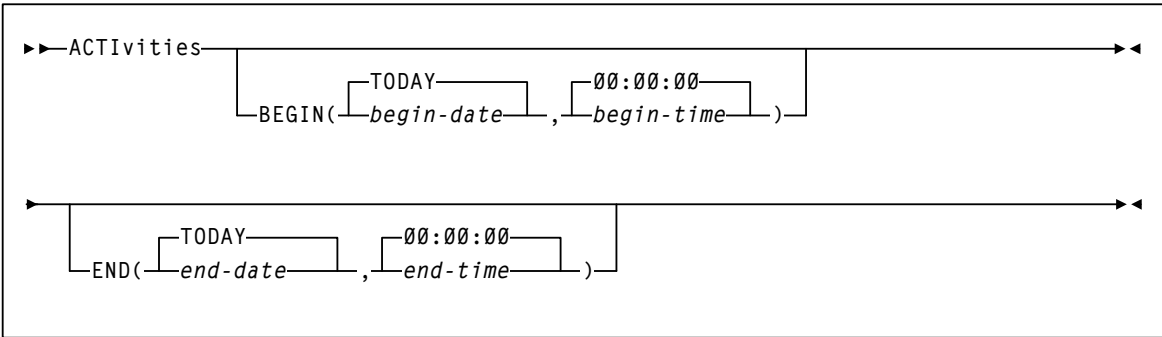
# ACTivities

**Interfaces:**

SLUADMIN utility only  
UUI: No

**Subsystem Requirements:**

Active HSC not required



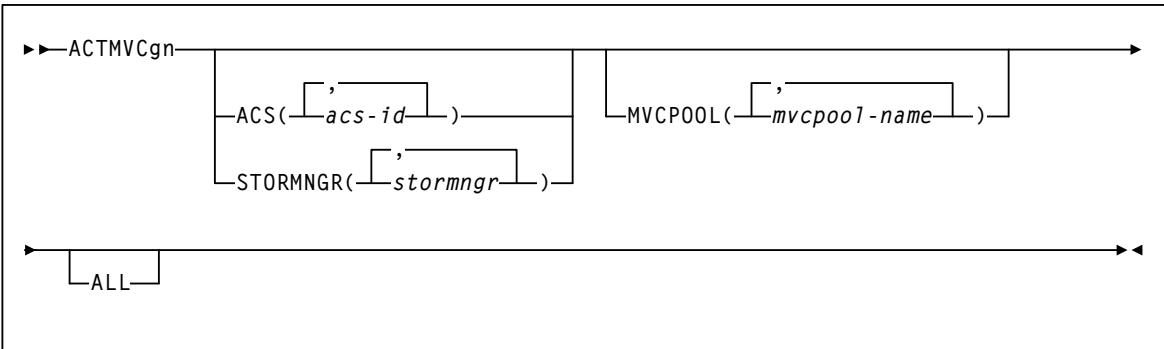
# ACTMVCgn

**Interfaces:**

SLUADMIN utility only  
UUI: Yes

**Subsystem Requirements:**

Active HSC required only when specifying the MVCPOOL parameter



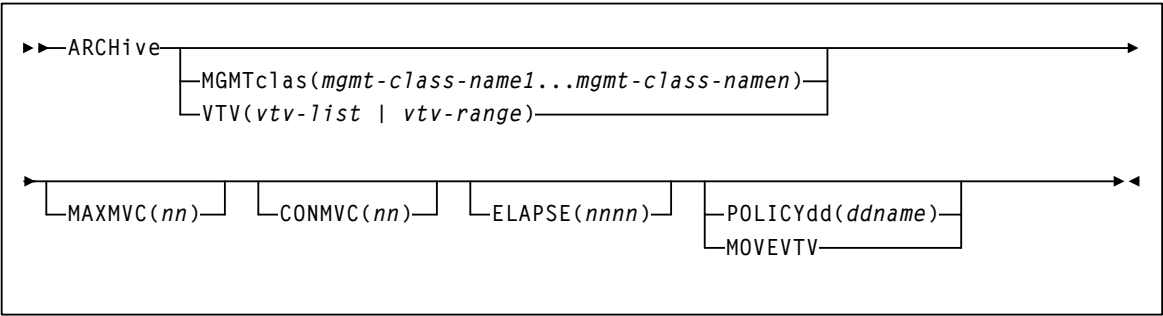
# ARCHive

**Interfaces:**

Utility only  
 UI: Yes

**Subsystem Requirements:**

Active HSC not required



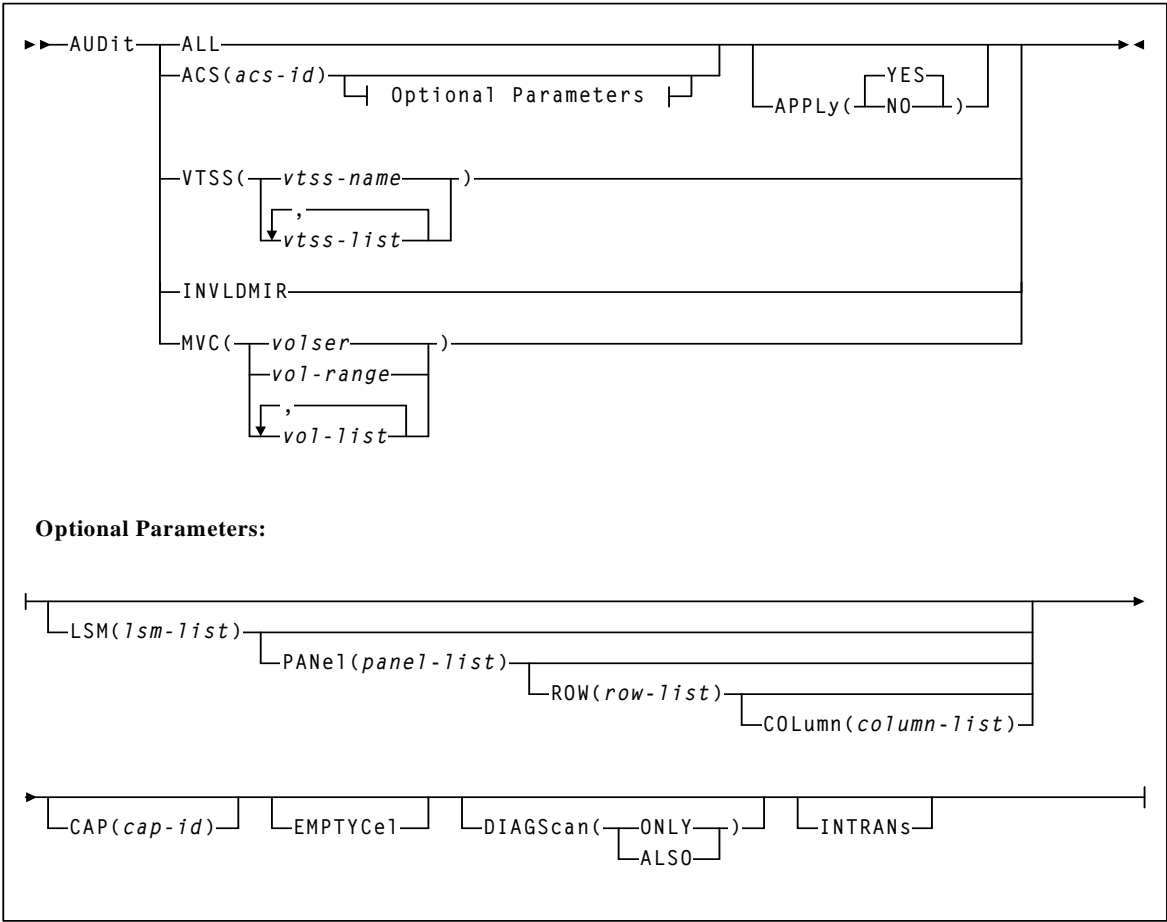
# AUDit

**Interfaces:**

Utility only  
UUI: Yes, when MVC or VTSS is specified

**Subsystem Requirements:**

- Active HSC/VTCS (AUDit MVC, VTSS, or INVLDMIR)
- Active HSC at FULL service level (all others)





# BACKup

## Interfaces:

SLUADMIN utility only  
 UI: No

## Subsystem Requirements:

Active HSC not required

▶▶BACKup◀◀

# CANcel

## Interfaces:

Console or utility  
 UI: Yes

## Subsystem Requirements:

Active HSC/VTCS

▶▶CANcel◀◀  
 ID(*process-id*)  
 Type(  
 ALL  
 MIGrate  
 RECA11  
 RECLaim  
 )

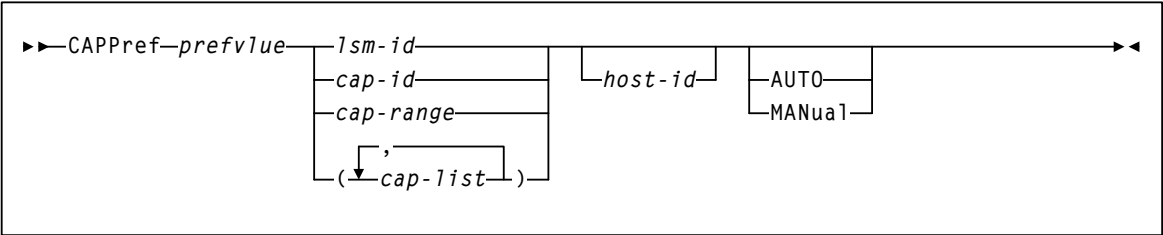
# CAPPref

**Interfaces:**

Console or PARMLIB  
 UII: No

**Subsystem Requirements:**

Active HSC at FULL service level



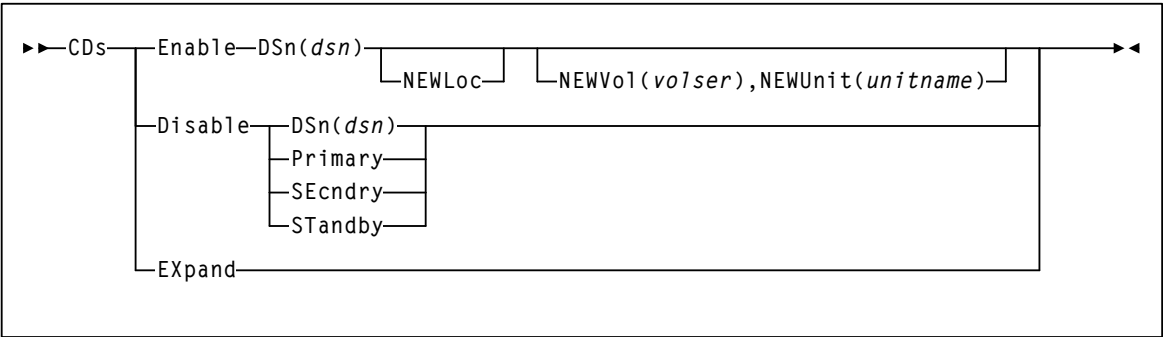
# CDs

**Interfaces:**

Console or PARMLIB  
 UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



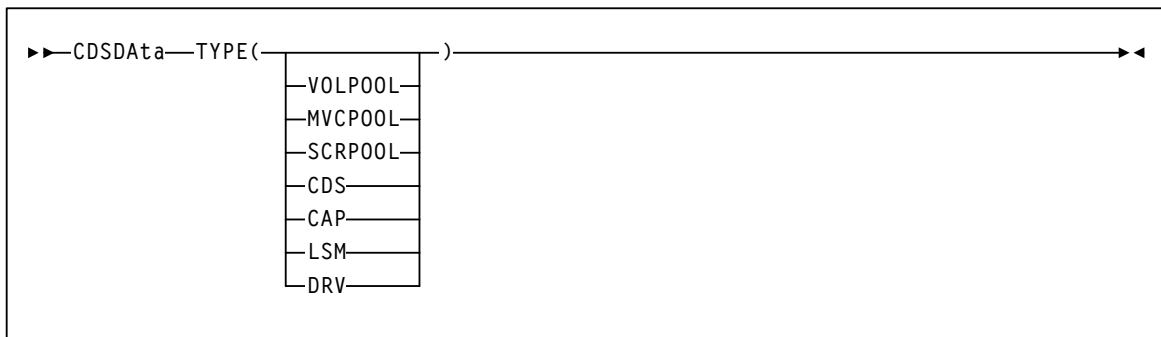
# CDSData

## Interfaces:

Utility only  
 UI: Yes

## Subsystem Requirements:

Active HSC not required



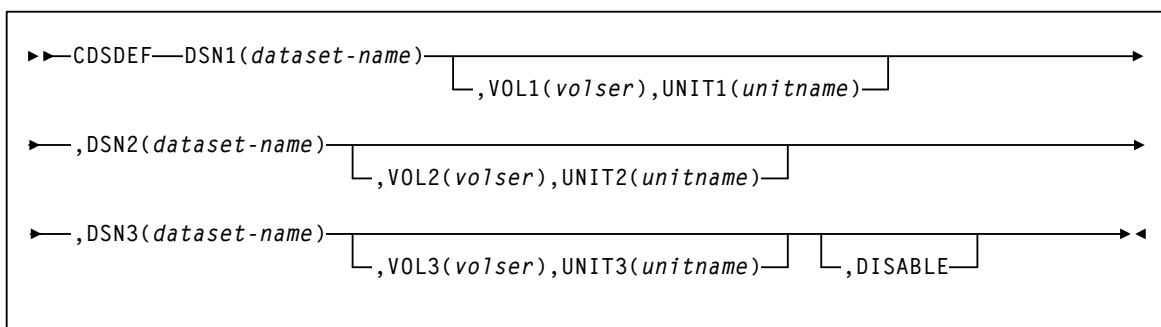
# CDSDEF

## Interfaces:

PARMLIB only  
 UI: No

## Subsystem Requirements:

None



---

# CLean

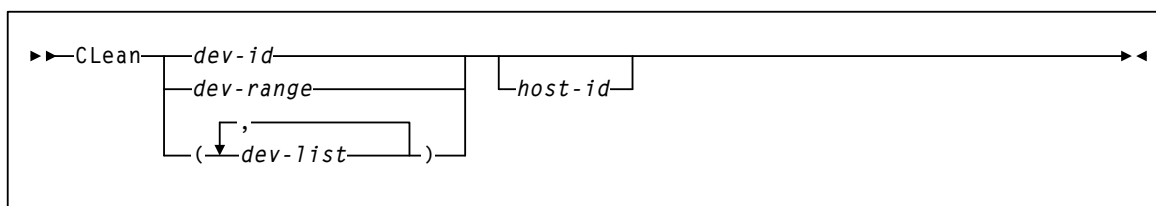
**Interfaces:**

Console or PARMLIB

UII: No

**Subsystem Requirements:**

Active HSC at FULL service level



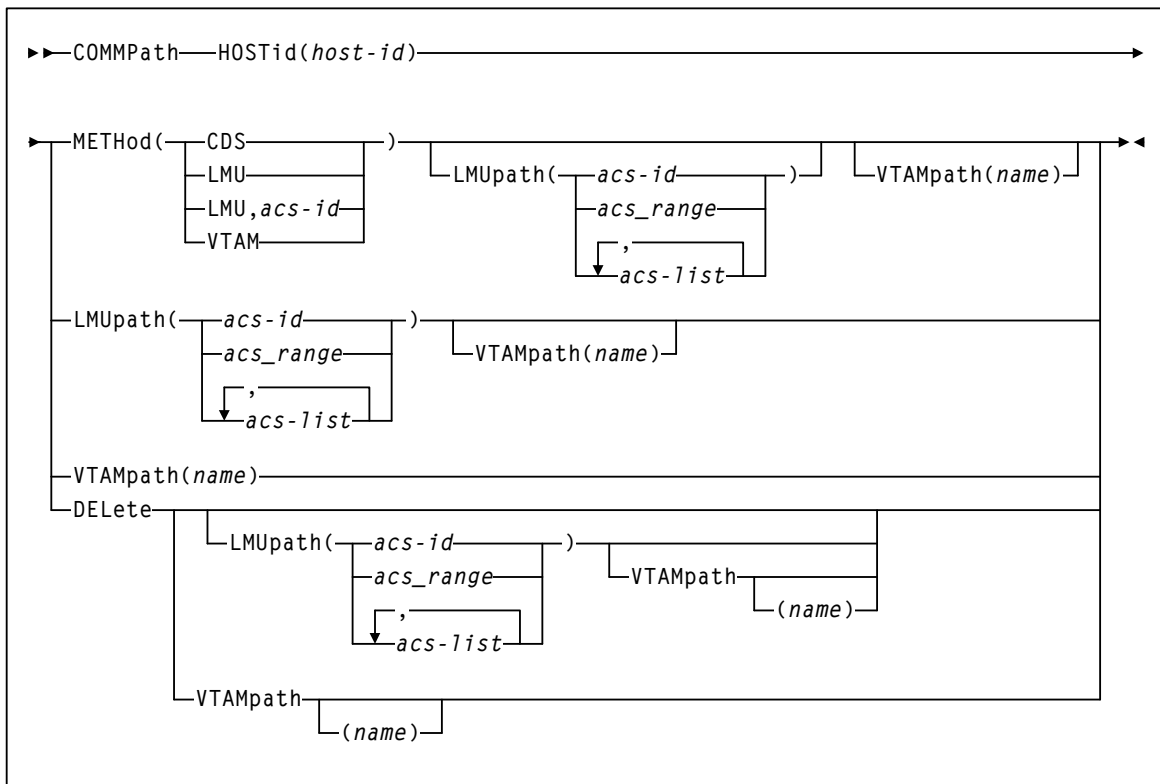
# COMMPath

## Interfaces:

Console or PARMLIB only  
 UUI: No

## Subsystem Requirements:

Active HSC at BASE or FULL service level



---

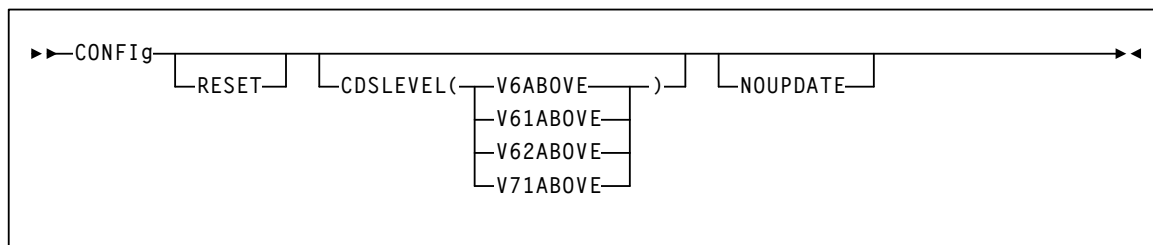
# CONFIg

**Interfaces:**

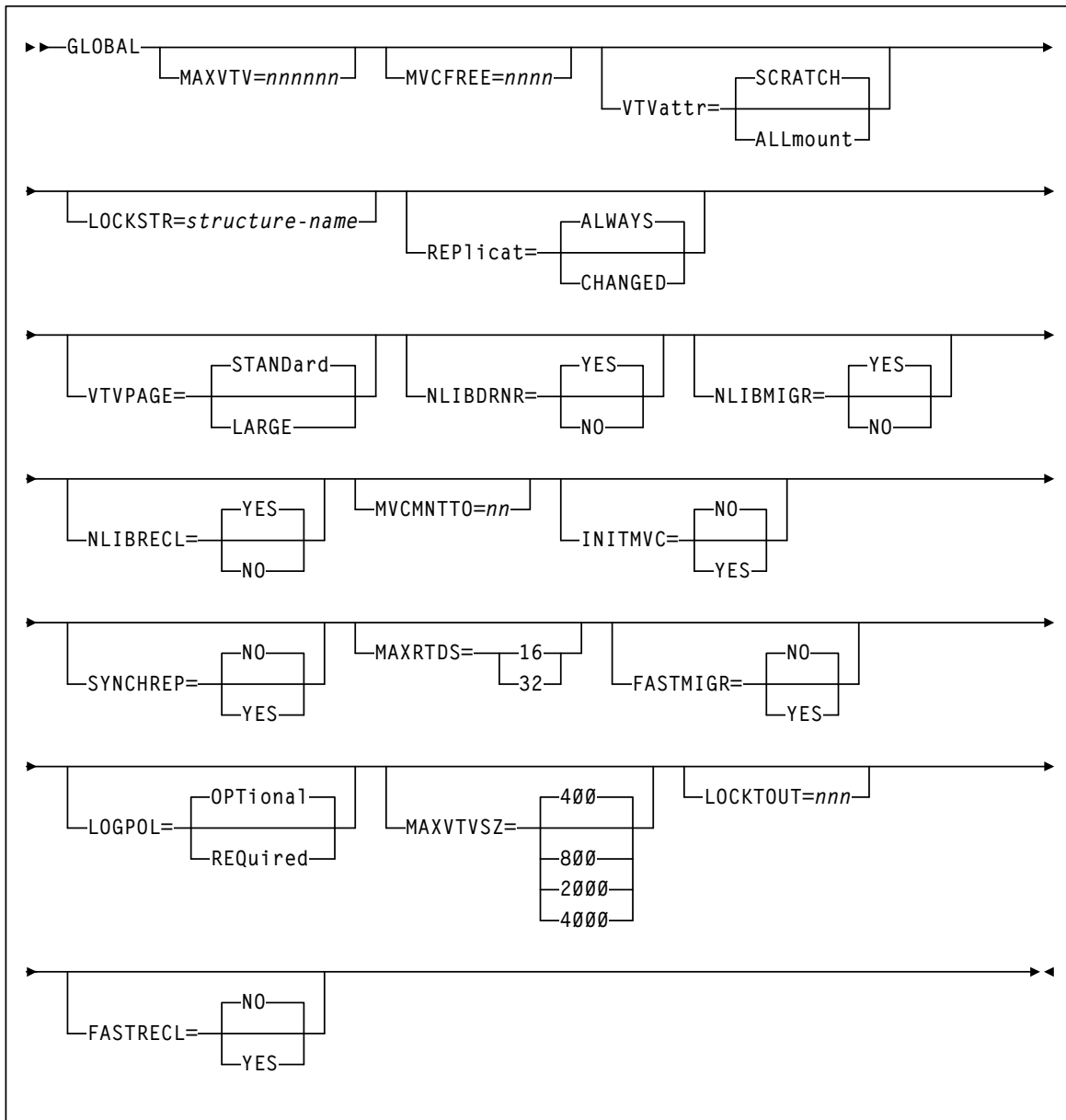
Utility only  
UII: Yes

**Subsystem Requirements:**

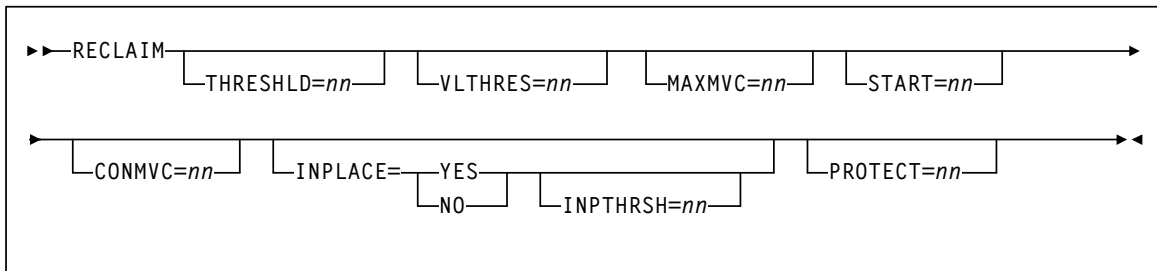
Active HSC not required, and must be down on all hosts when running CONFIG RESET.



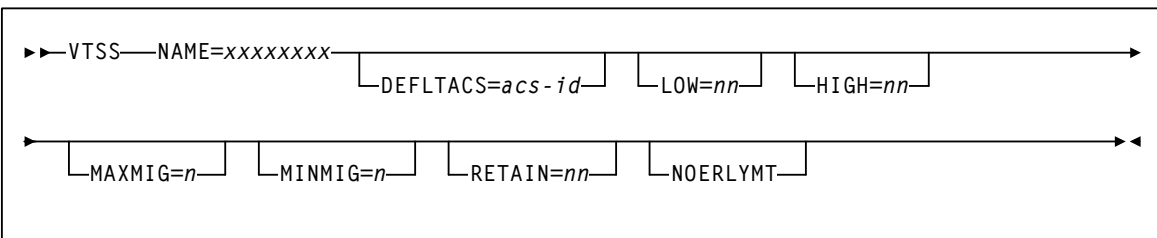
## CONFig GLOBAL Statement



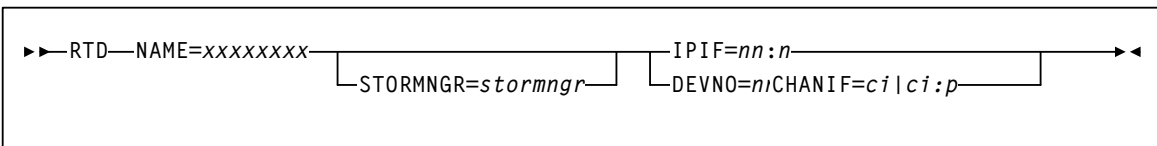
## CONFIg RECLAIM Statement



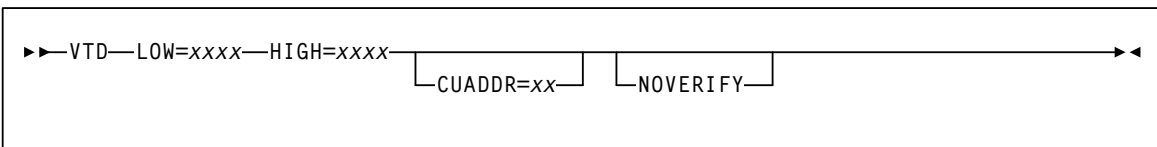
## CONFIg VTSS Statement



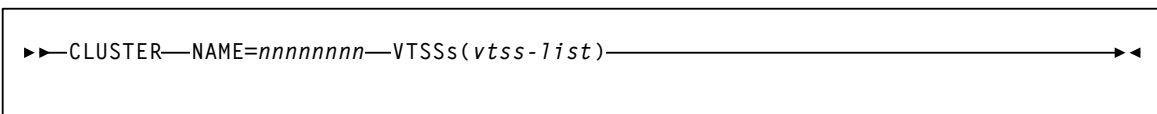
## CONFIg RTD Statement



## CONFIg VTD Statement

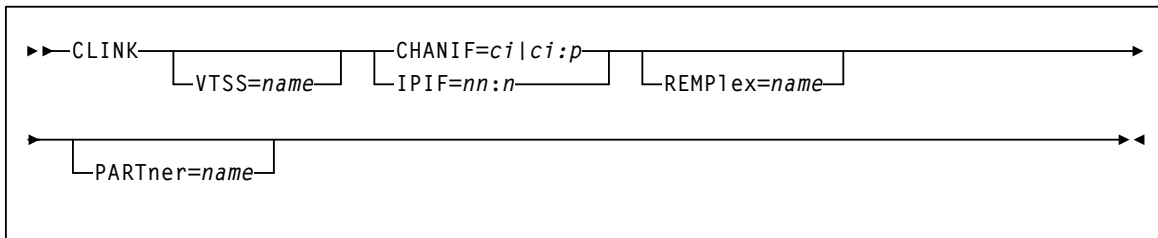


## CONFIg CLUSTER Statement

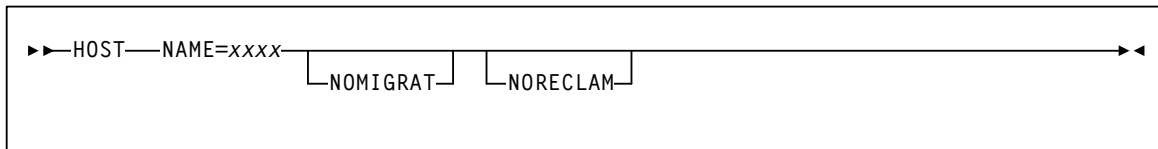




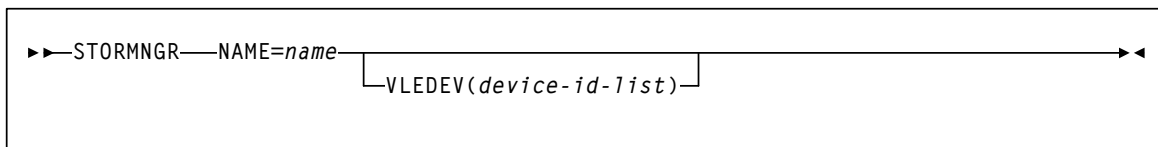
## CONFIg CLINK Statement



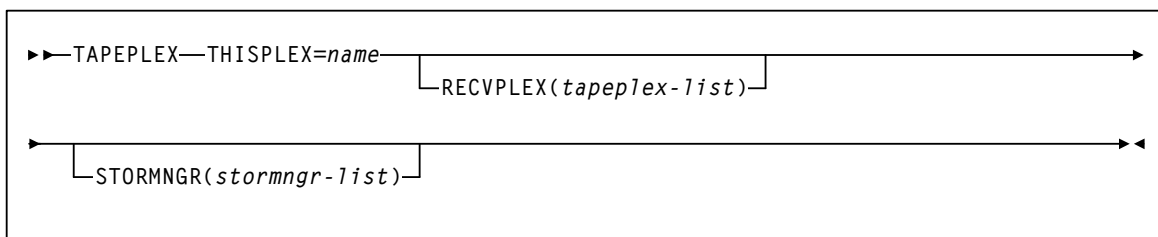
## CONFIg HOST Statement



## CONFIg STORMNGR Statement



## CONFIg TAPEPLEX Statement



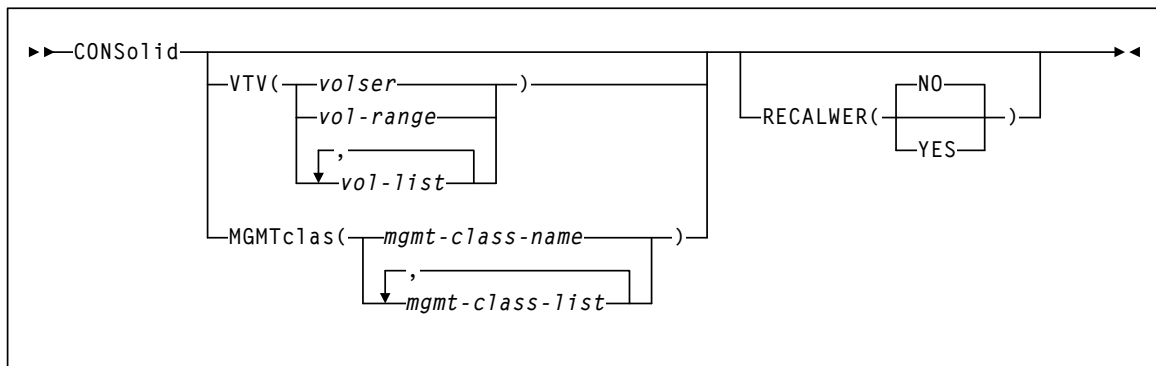
# CONSolid

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC/VTCS



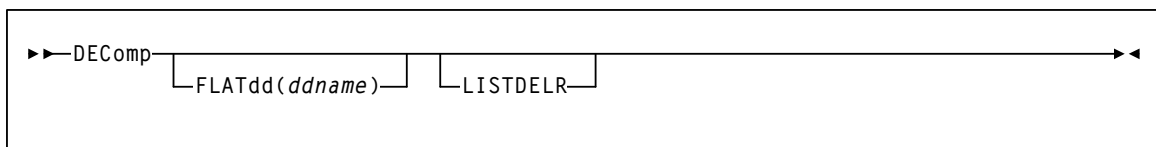
# DEComp

## Interfaces:

Utility only  
 UII: Yes

## Subsystem Requirements:

Active HSC not required



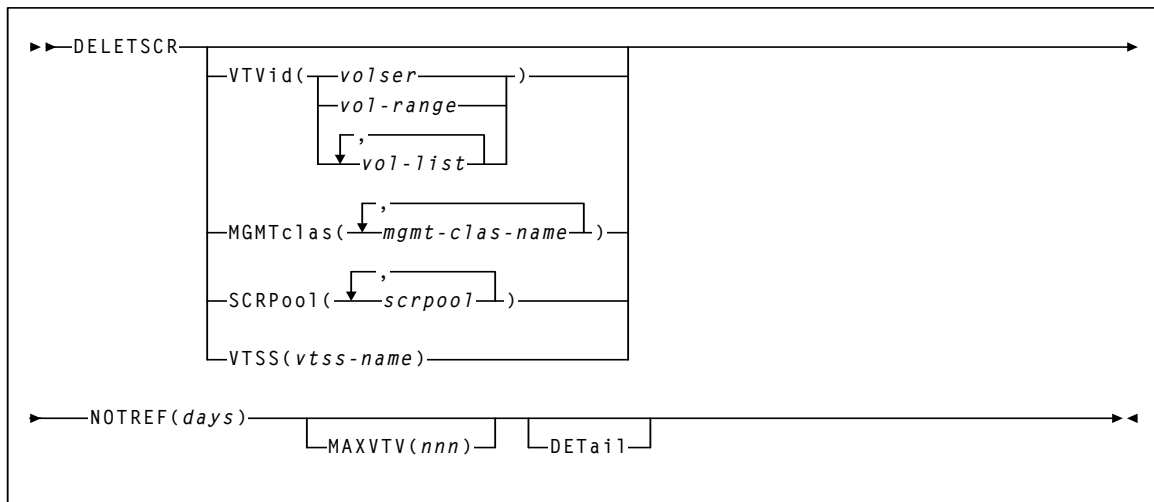
# DELETSCR

## Interfaces:

Console or utility  
 UI: Yes

## Subsystem Requirements:

Active HSC/VTCS



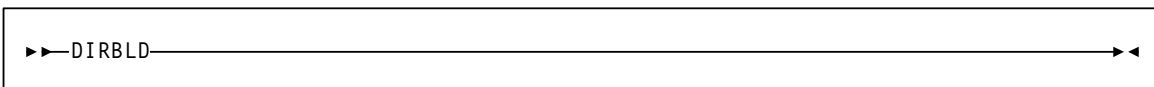
# DIRBLD

## Interfaces:

Utility only  
 UI: No

## Subsystem Requirements:

Active HSC not required



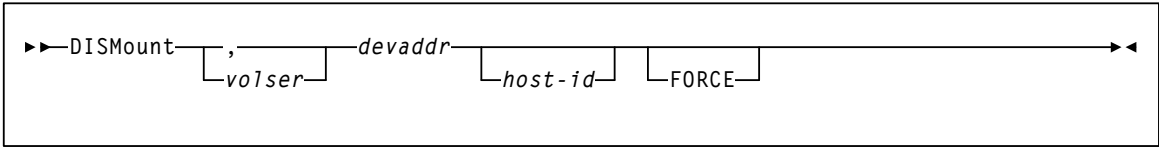
# DISMount

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC at FULL service level



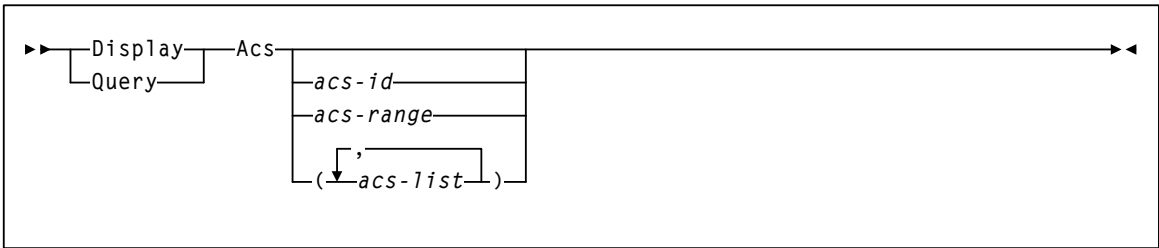
# Display Acs

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC at FULL service level



---

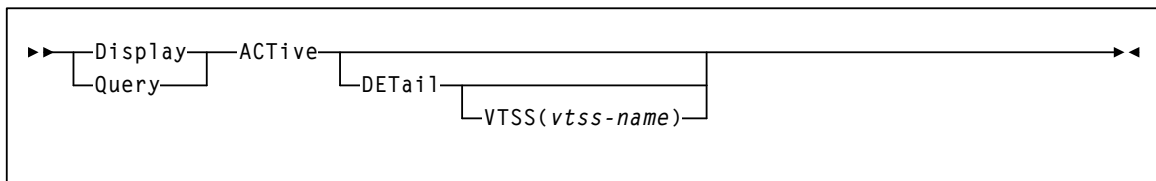
## Display ACTive

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



---

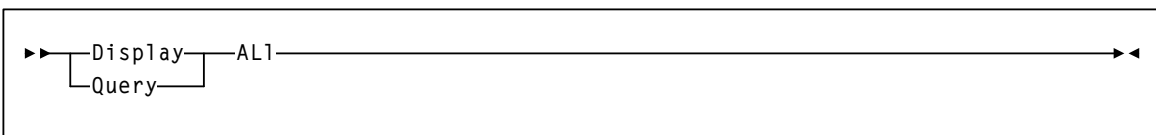
## Display ALl

**Interfaces:**

Console or PARMLIB only  
UII: No

**Subsystem Requirements:**

Active HSC at FULL service level



---

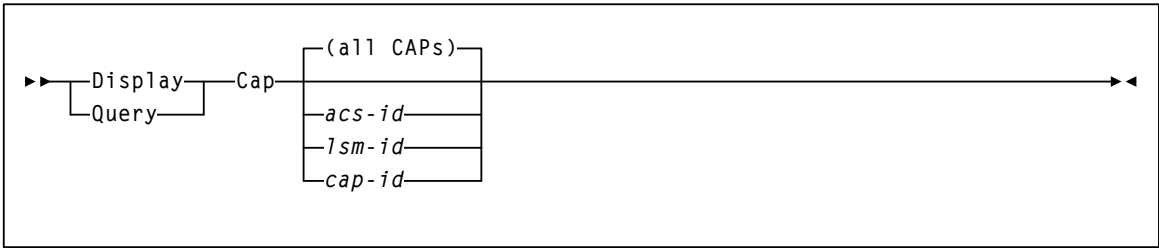
# Display Cap

**Interfaces:**

Console or utility  
UUI: Yes

**Subsystem Requirements:**

Active HSC at FULL service level



---

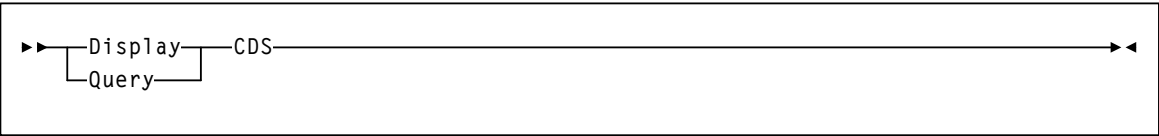
# Display CDS

**Interfaces:**

Console or utility  
UUI: Yes

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



---

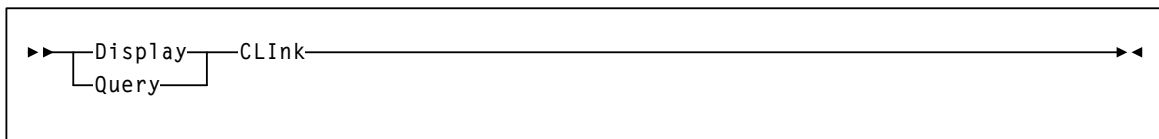
## Display CLInk

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



---

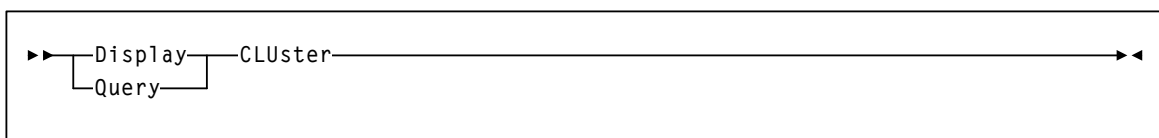
## Display CLUster

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



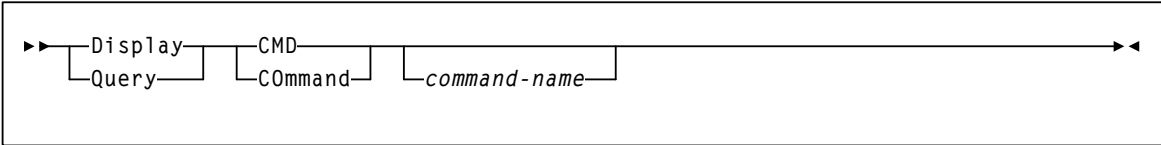
# Display CMD

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



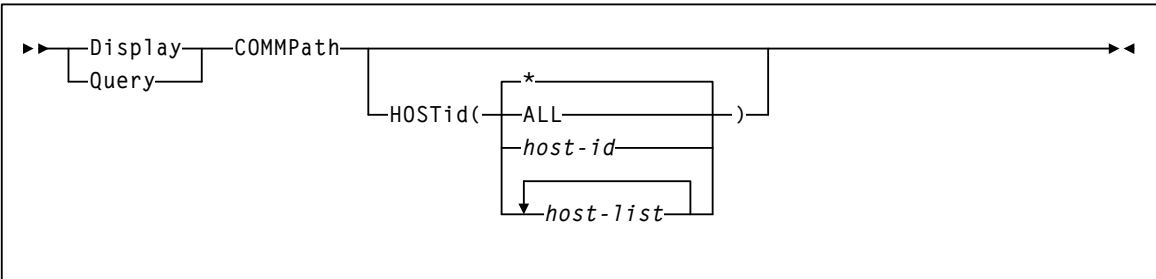
# Display COMMPath

**Interfaces:**

Console or PARMLIB only  
 UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level





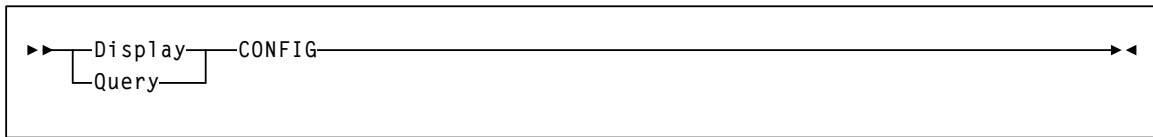
# Display CONFIG

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC at FULL service level



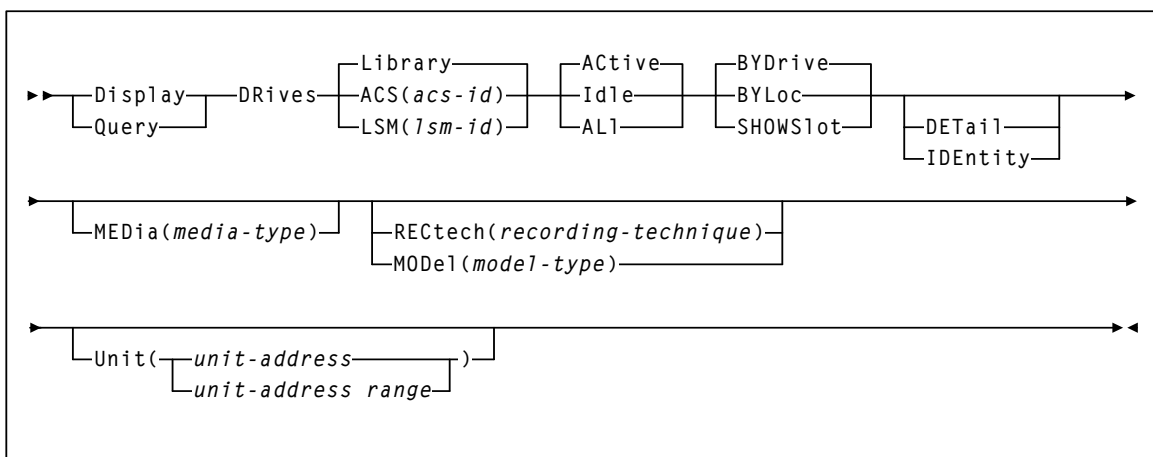
# Display DRives

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC at FULL service level



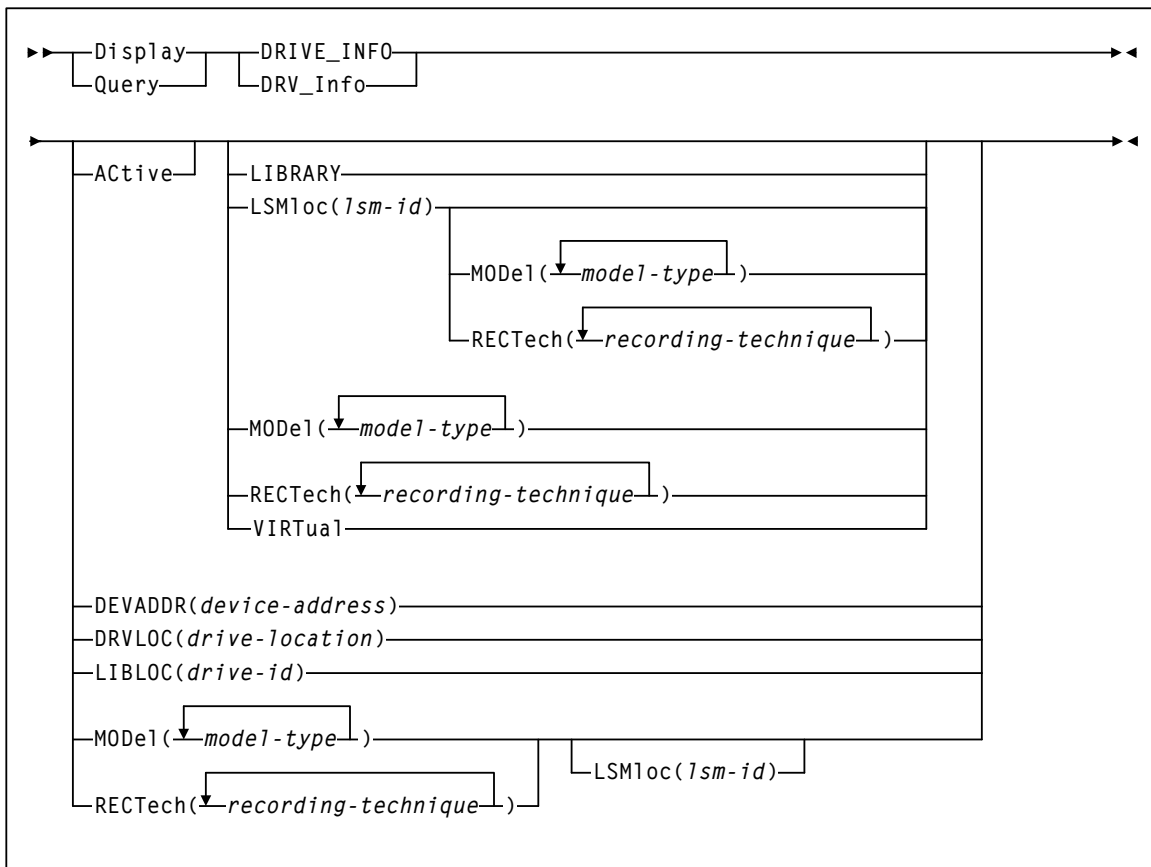
# Display DRIVE\_INFO

## Interfaces:

Console or utility  
 UUI: Yes

## Subsystem Requirements:

Active HSC/VTCS



---

## Display EXceptns

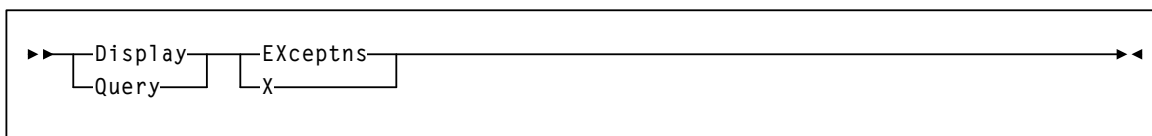
**Interfaces:**

Console or PARMLIB

UII: No

**Subsystem Requirements:**

Active HSC at FULL service level



---

## Display LMUPDEF

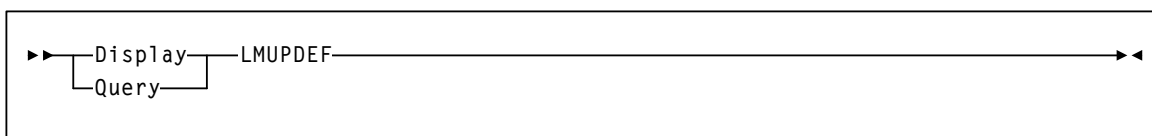
**Interfaces:**

Console or PARMLIB

UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



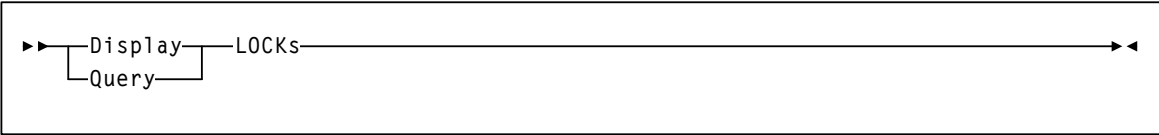
# Display LOCKs

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



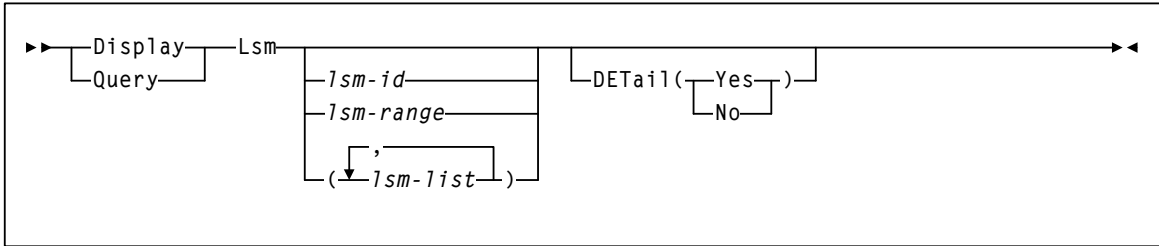
# Display Lsm

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC at FULL service level



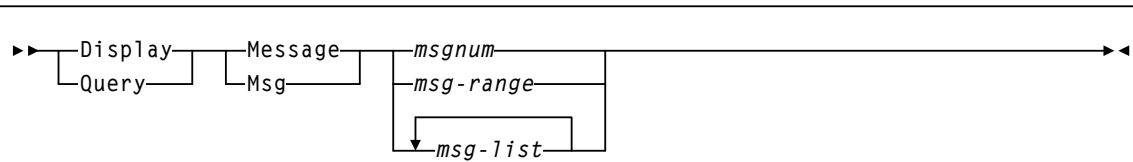
# Display Message

## Interfaces:

Console or utility  
 UI: Yes

## Subsystem Requirements:

Active HSC at BASE or FULL service level



**Note:** *msg-range* and *msg-list* are only valid when the Display Message command is issued from a utility or programmatic interface.

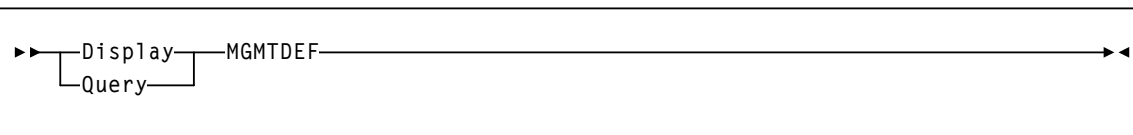
# Display MGMTDEF

## Interfaces:

Console or PARMLIB  
 UI: No

## Subsystem Requirements:

Active HSC at BASE or FULL service level



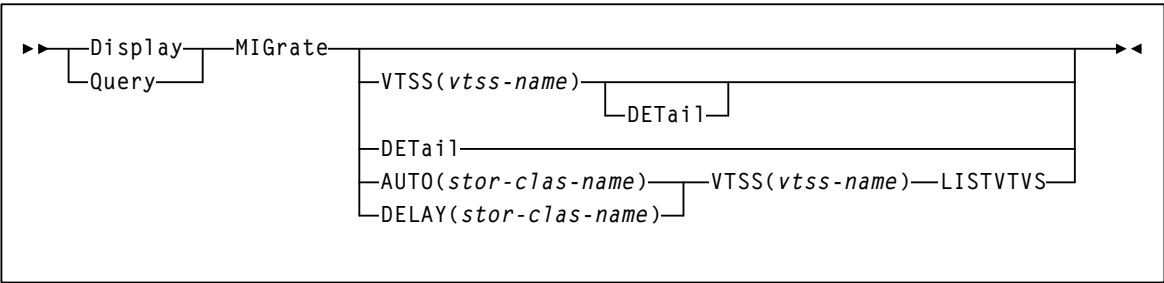
# Display MIGrate

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



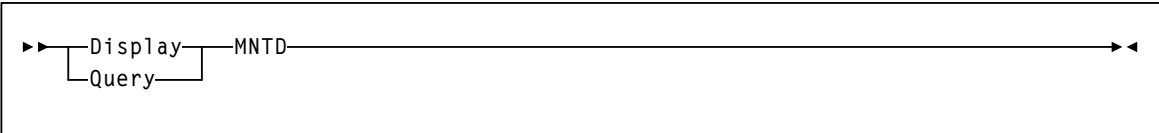
# Display MNTD

**Interfaces:**

Console or PARMLIB  
 UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



# Display MONitor

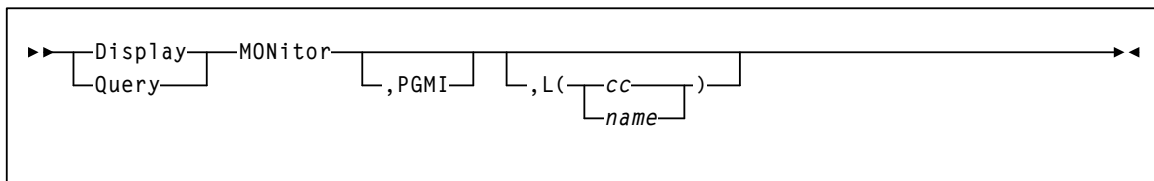
## Interfaces:

Console or PARMLIB

UII: No

## Subsystem Requirements:

Active HSC at BASE or FULL service level



# Display MVC

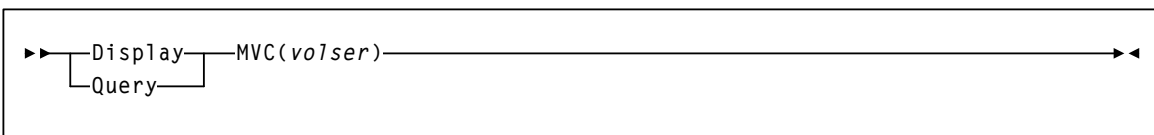
## Interfaces:

Console or utility

UII: Yes

## Subsystem Requirements:

Active HSC/VTCS



---

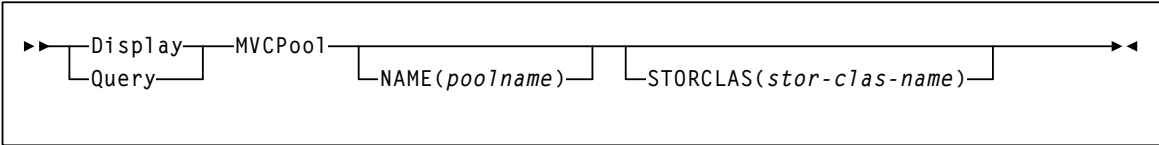
# Display MVCPool

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



---

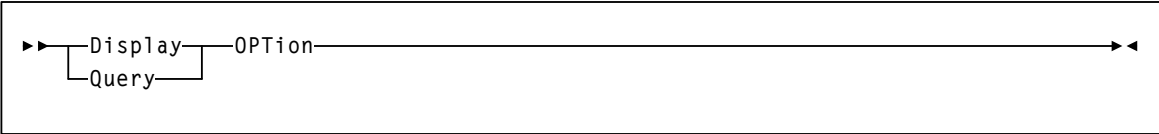
# Display OPTion

**Interfaces:**

Console or PARMLIB  
 UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level





# Display PATH

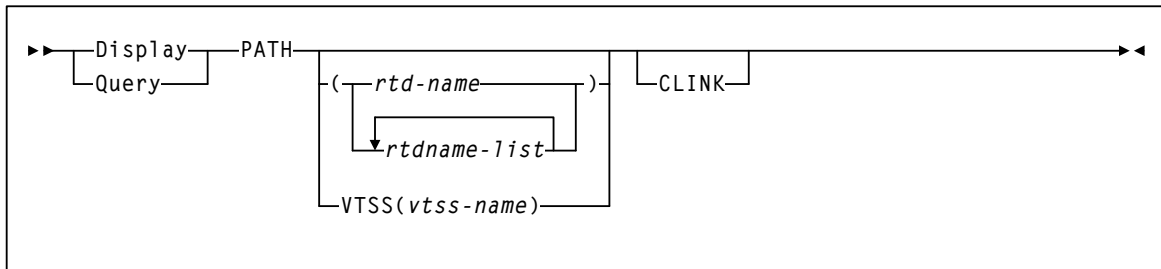
## Interfaces:

Console or PARMLIB

UII: No

## Subsystem Requirements:

Active HSC/VTCS



# Display Queue

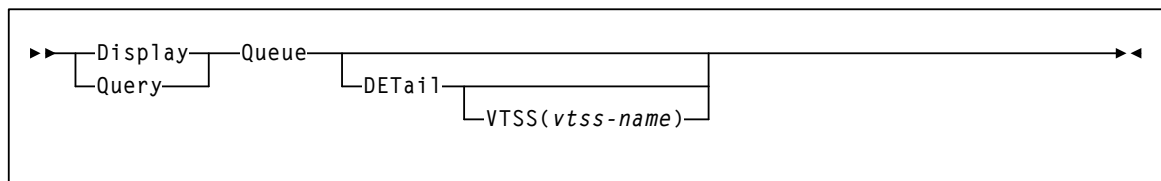
## Interfaces:

Console or utility

UII: Yes

## Subsystem Requirements:

Active HSC/VTCS



---

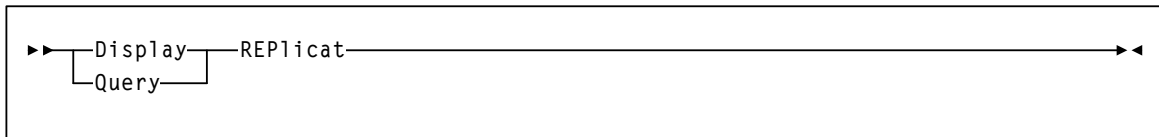
## Display REPlicat

### Interfaces:

Console or utility  
UII: Yes

### Subsystem Requirements:

Active HSC/VTCS



---

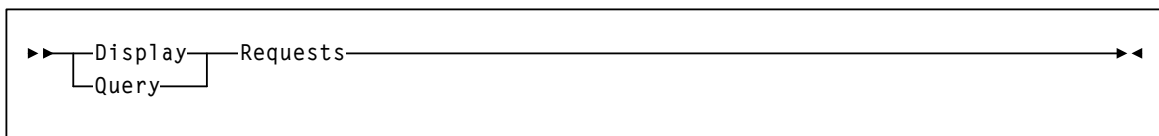
## Display Requests

### Interfaces:

Console or PARMLIB  
UII: Yes

### Subsystem Requirements:

Active HSC at BASE or FULL service level



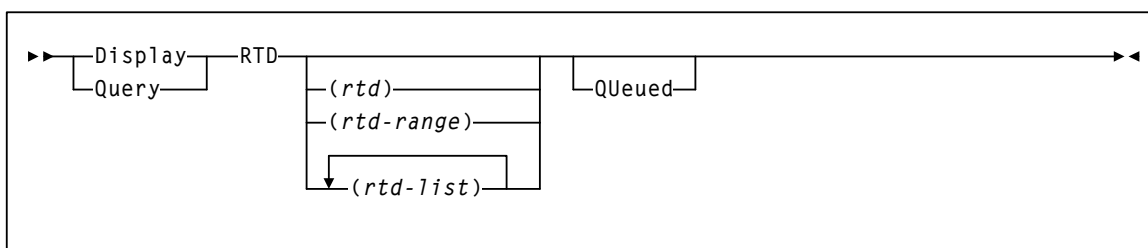
# Display RTD

## Interfaces:

Console or utility  
 UUI: Yes

## Subsystem Requirements:

Active HSC/VTCS



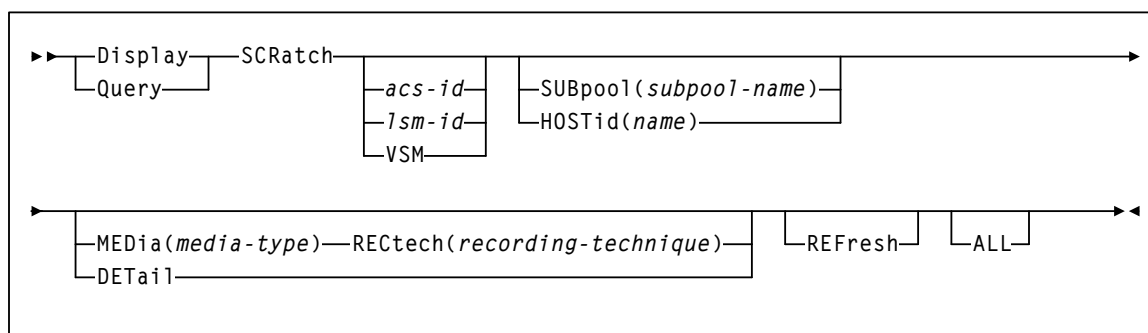
# Display SCRatch

## Interfaces:

Console or utility  
 UUI: Yes

## Subsystem Requirements:

Active HSC at BASE or FULL service level



---

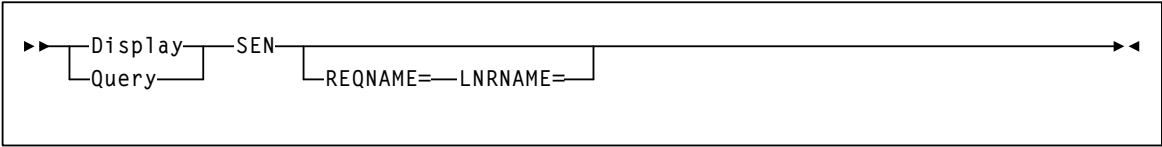
# Display SEN

**Interfaces:**

Console or PARMLIB  
UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



---

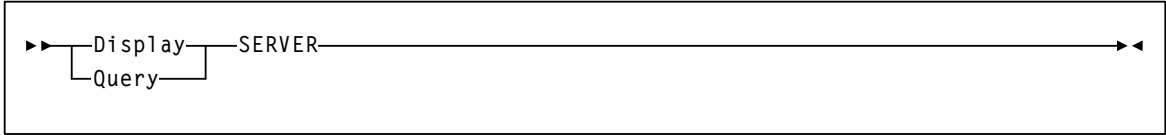
# Display SERVER

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



---

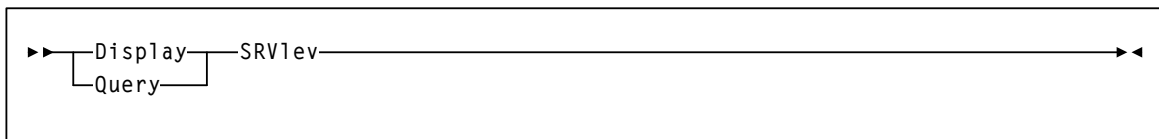
## Display SRVlev

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC at FULL service level



---

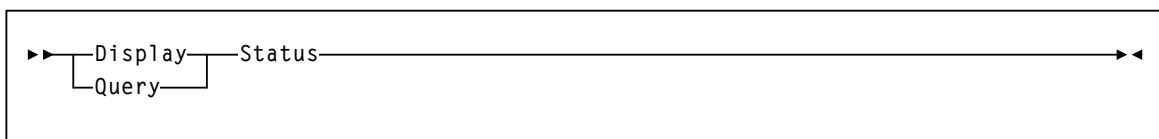
## Display Status

**Interfaces:**

Console or PARMLIB  
UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



---

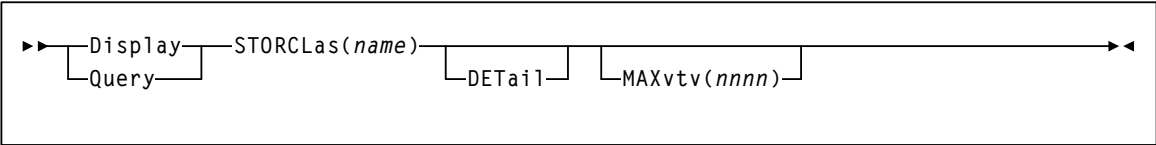
# Display STORCLas

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



---

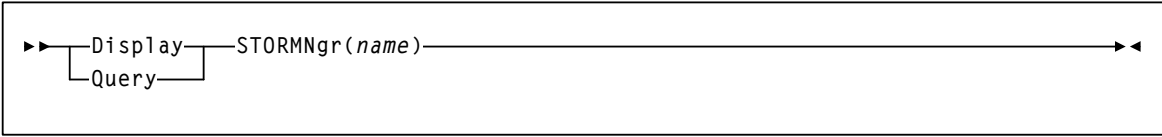
# Display STORMNgr

**Interfaces:**

Console or PARMLIB  
 UII: No

**Subsystem Requirements:**

Active HSC/VTCS



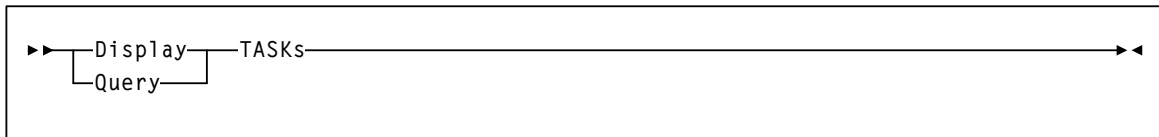
# Display TASKs

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC at BASE or FULL service level



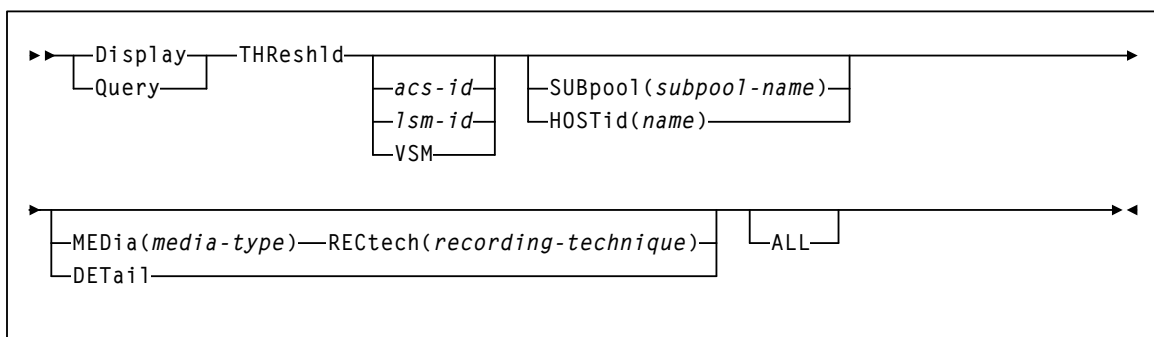
# Display THReshld

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC at BASE or FULL service level



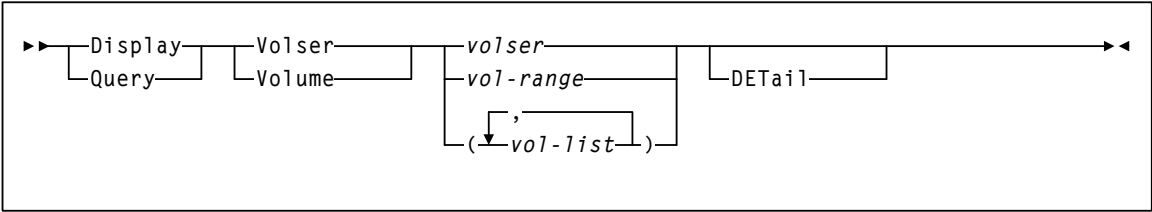
# Display Volser

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



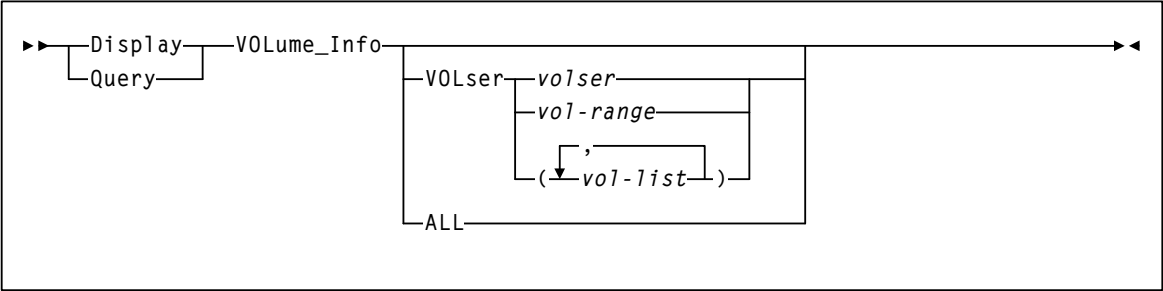
# Display VOLume\_Info

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS





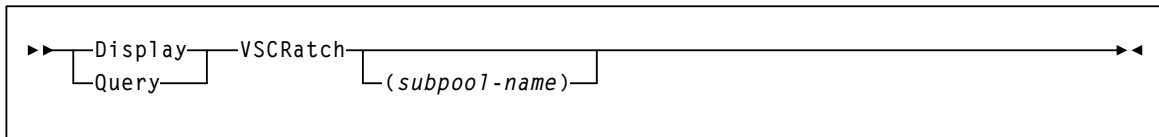
# Display VSCRatch

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC/VTCS



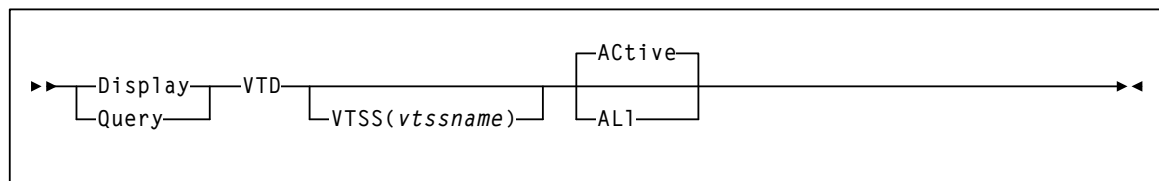
# Display VTD

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC/VTCS



---

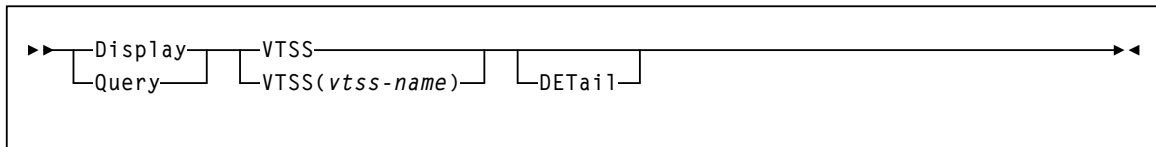
## Display VTSS

### Interfaces:

Console or utility  
UII: Yes

### Subsystem Requirements:

Active HSC/VTCS



---

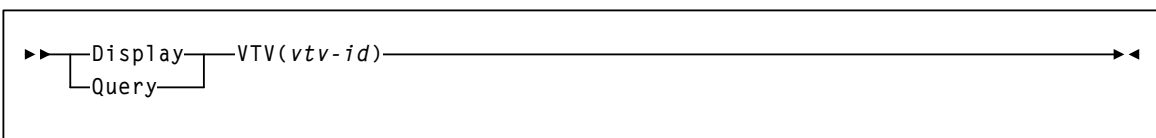
## Display VTV

### Interfaces:

Console or utility  
UII: Yes

### Subsystem Requirements:

Active HSC/VTCS



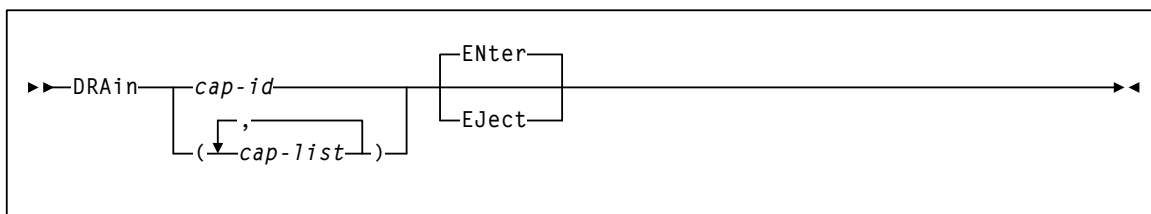
# DRAIn

## Interfaces:

Console or PARMLIB only  
 UII: No

## Subsystem Requirements:

Active HSC at FULL service level



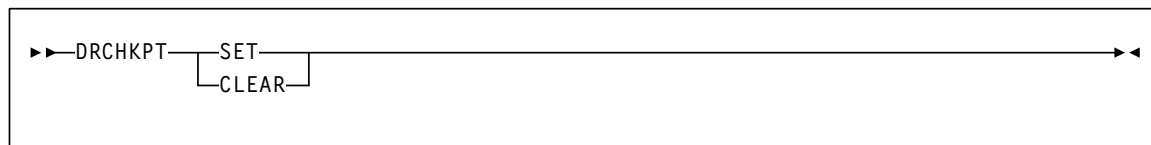
# DRCHKPT

## Interfaces:

SLUADMIN utility only  
 UII: No

## Subsystem Requirements:

Active HSC/VTCS at FULL service level



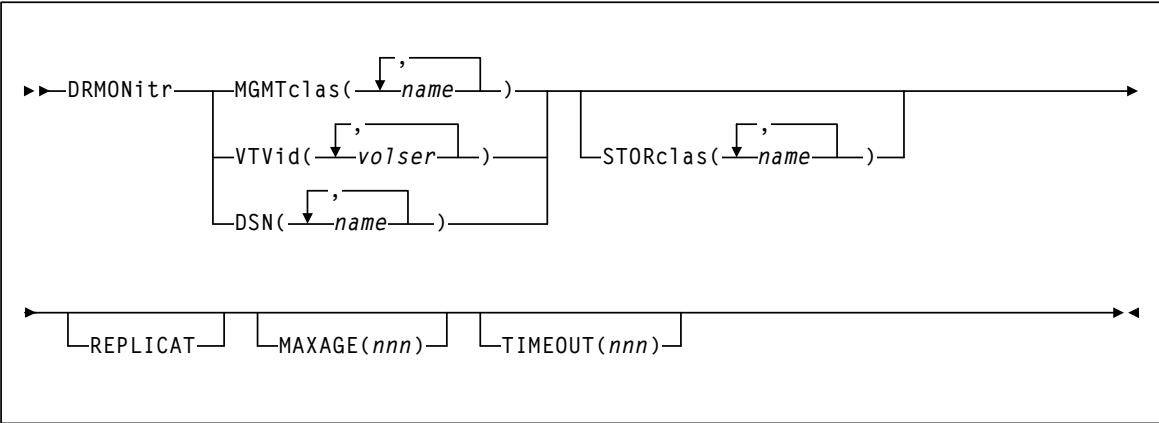
# DRMONitr

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC/VTCS at FULL service level



# DRTEST CREATE

## Interfaces:

SLUADMIN utility only  
 UI: No

## Subsystem Requirements:

Active HSC not required

```
►►DRTEST—CREATE—|Options|—————►
                        └─NOUPDprd┘
```

## Options:

```
└─HOSTID(hostid1,hostid2,...hostidn)—————►
```

```
►└─DRVTSS(vtss1,vtss2,...vtssn)—————►
                        └─SPARE(vtss1,vtss2,...vtssn)┘
```

```
►————STORMNGR(stormngr-list)—————►
```

```
►►DRACS(acsid1,acsid2,...acsid16)—————►
```

**Note:** CREATE is not valid when DRTEST is issued from the console.

# DRTEST PRIMEprd

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

▶▶DRTEST—PRIMEprd—|Options|————▶▶

**Options:**

|—HOSTID(*hostid1,hostid2,...hostidn*)————▶

▶|

└─DRVTSS(*vtss1,vtss2,...vtssn*)————▶

└─SPARE(*vtss1,vtss2,...vtssn*)——┘

▶——STORMNGR(*stormngr-list*)——┘————▶

▶—DRACS(*acsid1,acsid2,...acsid16*)————|

**Note: PRIMEprd is not valid when DRTEST is issued from the console.**

---

## DRTEST RESET

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

►►DRTEST—RESET—►►

**Note:** RESET is not valid when DRTEST is issued from the console.

---

## DRTEST START

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC at FULL service level

►►DRTEST—START—►►

---

## DRTEST STOP

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC at FULL service level

▶▶DRTEST—STOP—▶▶



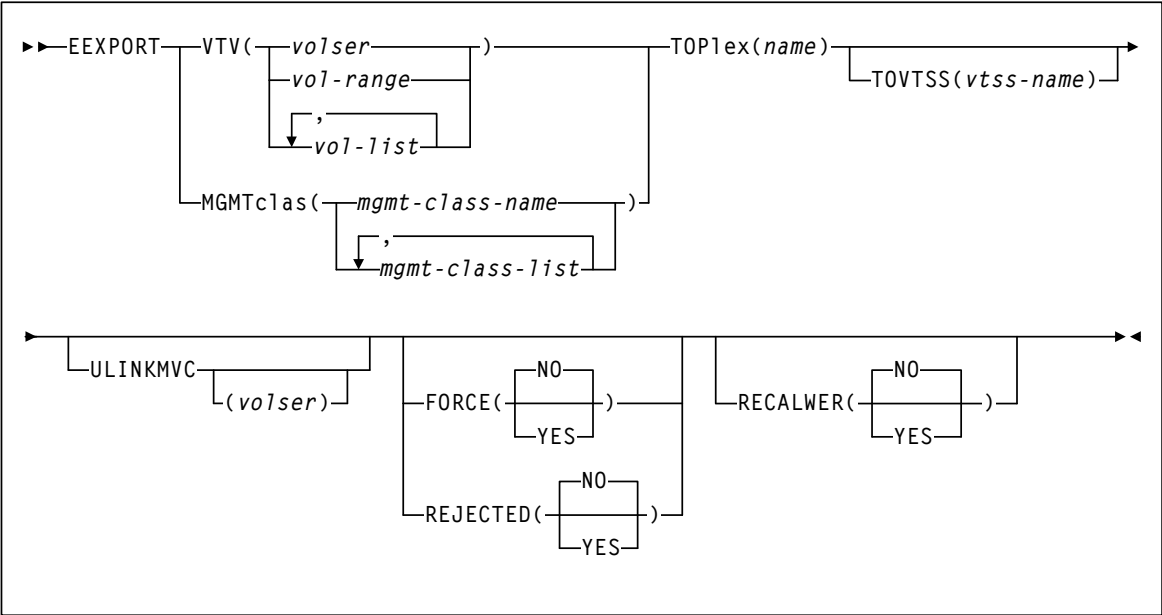
# EEXPORT

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC not required



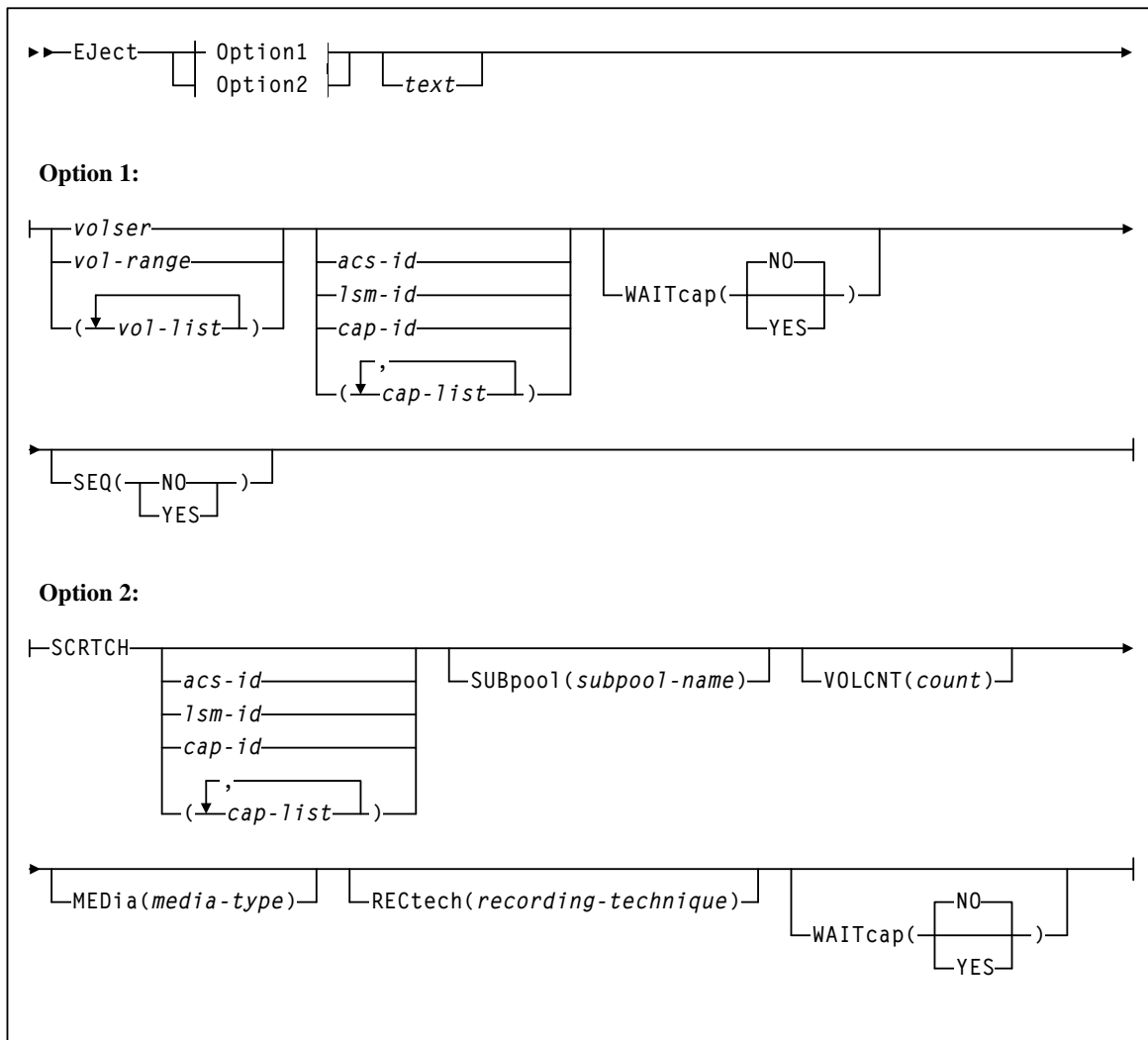
# Eject

## Interfaces:

Console or utility  
 UUI: Yes

## Subsystem Requirements:

Active HSC at FULL service level



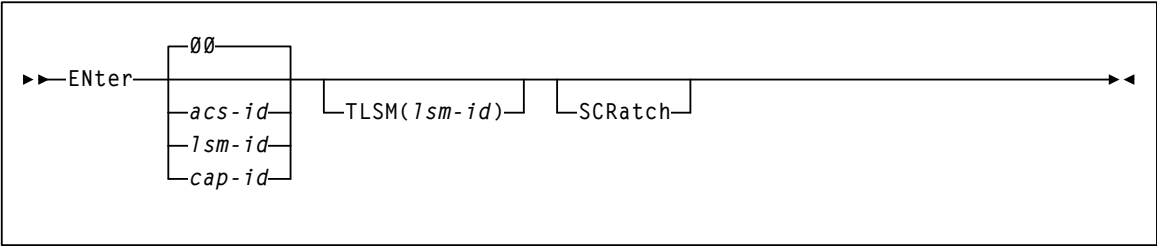
# ENter

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC at FULL service level



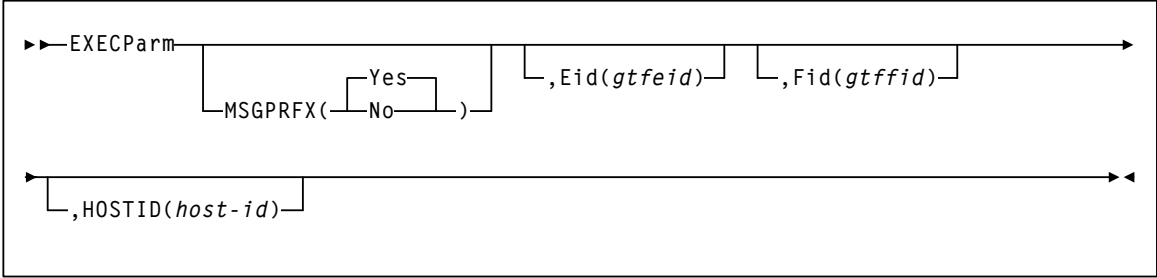
# EXECParM

**Interfaces:**

PARMLIB only  
UII: No

**Subsystem Requirements:**

None



# EXPORT

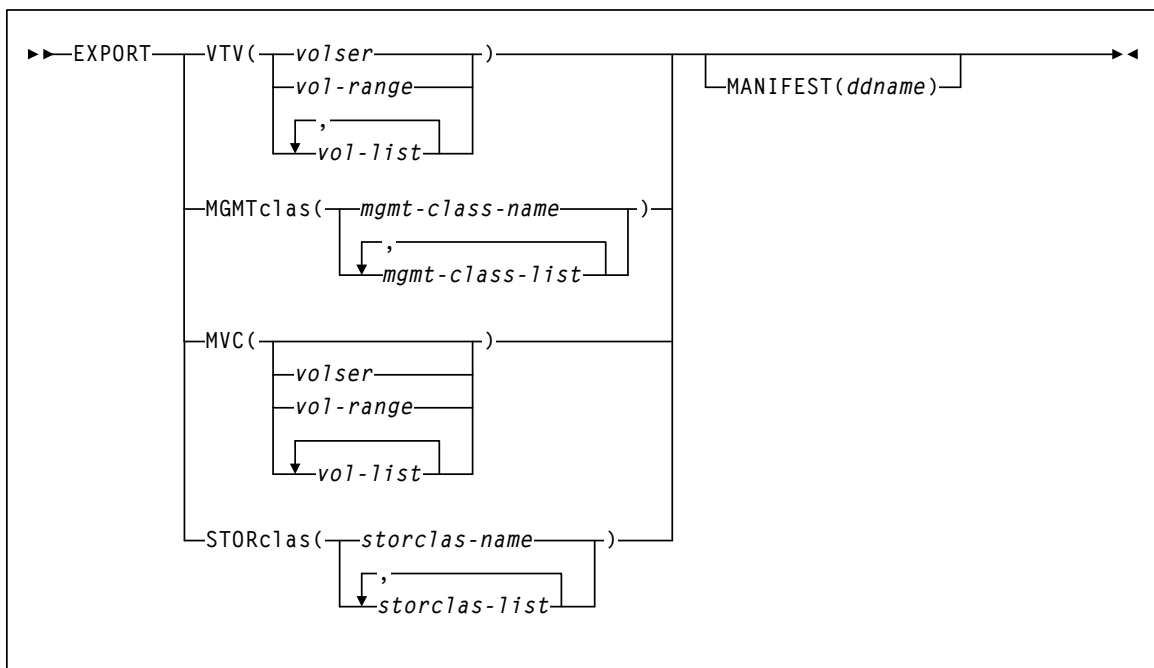
**Interfaces:**

Utility only

UII: Yes

**Subsystem Requirements:**

- Active HSC/VTCS at FULL service level required when specifying the VTV, MGMTCLAS, or STORCLAS parameter.
- Active HSC/VTCS not required when specifying the MVC parameter.



---

# FMTLOG

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

▶▶ FMTLOG ◀◀

# IMPORT

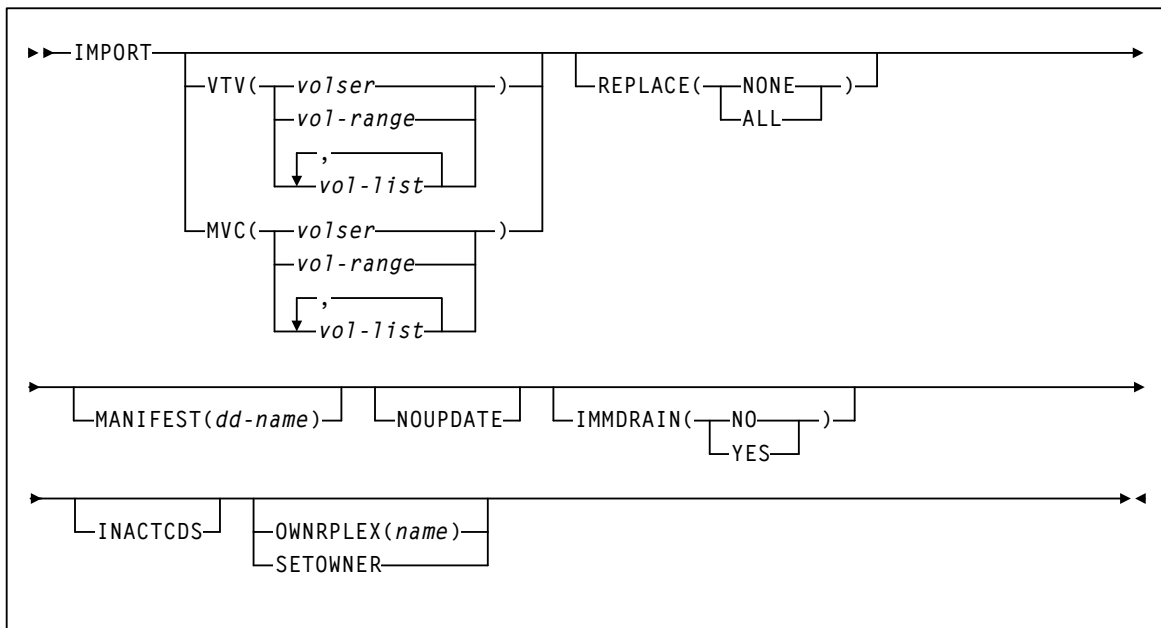
**Interfaces:**

Utility only

UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS not required



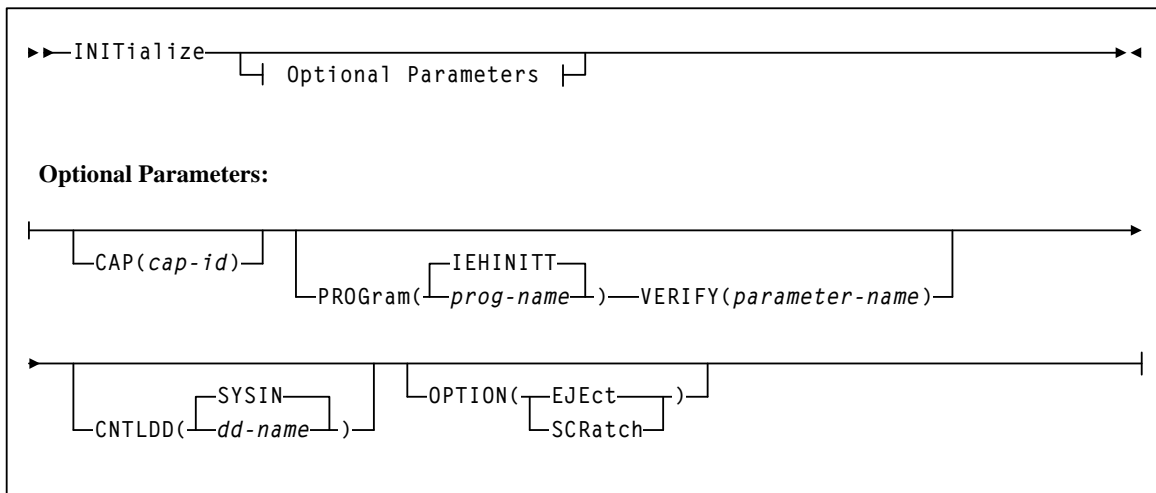
# INITialize

## Interfaces:

SLUADMIN utility only  
 UUI: No

## Subsystem Requirements:

Active HSC at FULL service level



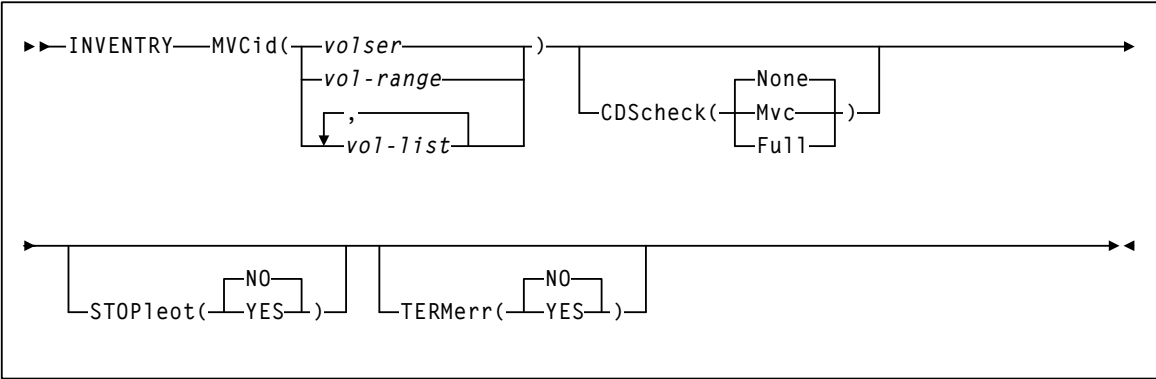
# INVENTORY

**Interfaces:**

Utility only  
UUI: Yes

**Subsystem Requirements:**

Active HSC/VTCS



# LIBGen

**Interfaces:**

SLUADMIN utility only  
UUI: No

**Subsystem Requirements:**

Active HSC not required





# LMUPDEF

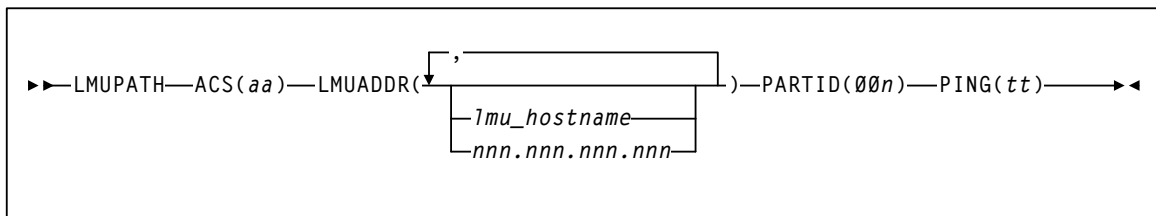
## Interfaces:

Console or PARMLIB

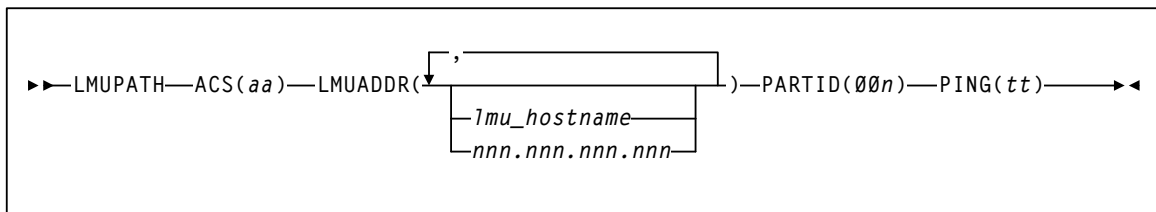
UII: No

## Subsystem Requirements:

Active HSC at BASE or FULL service level



## LMUPATH Control Statement



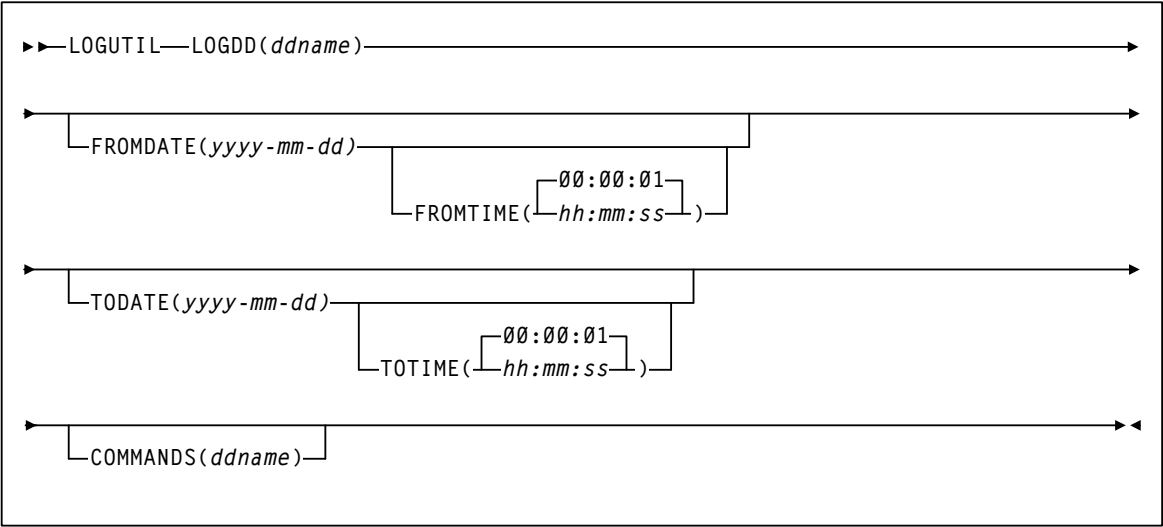
# LOGUTIL

**Interfaces:**

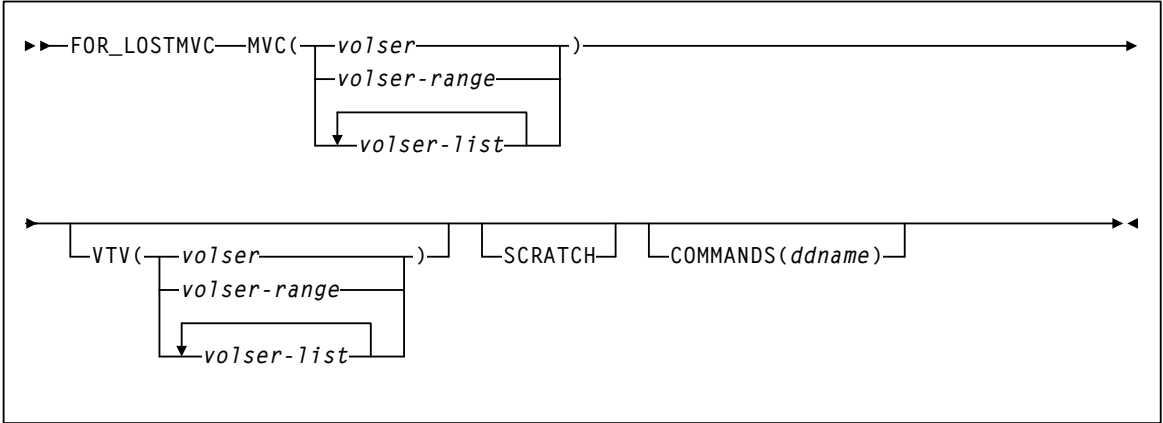
SLUADMIN utility only  
UII: Yes

**Subsystem Requirements:**

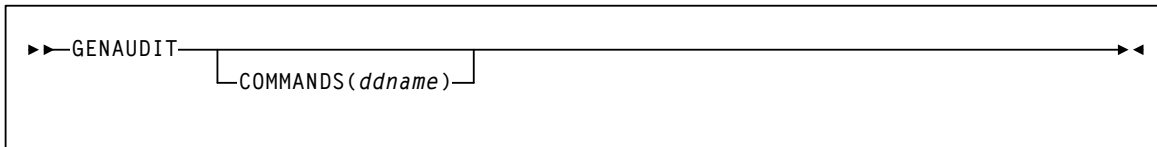
Active HSC not required



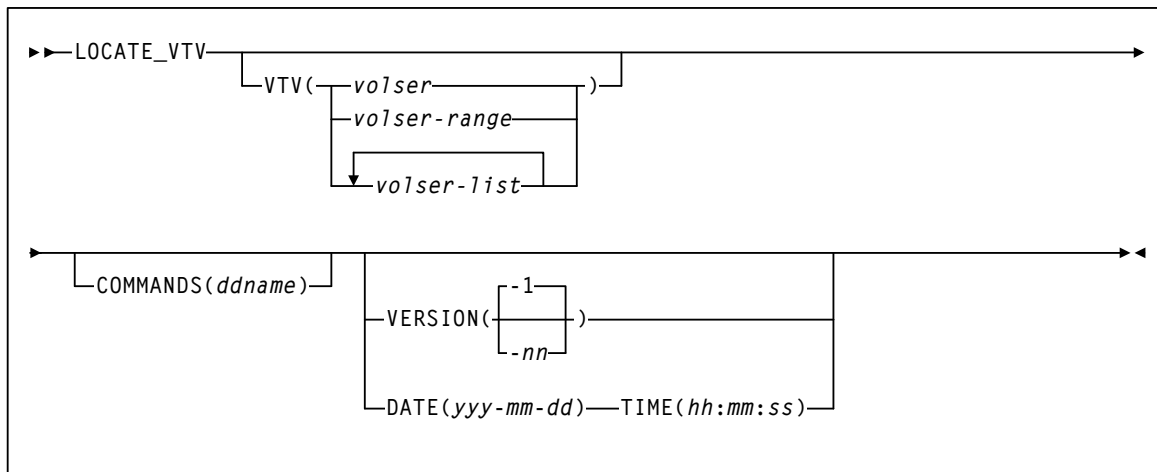
## LOGUTIL FOR\_LOSTMVC Statement



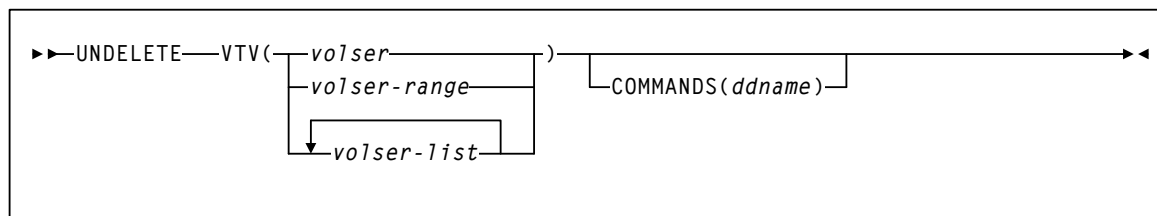
## LOGUTIL GENAUDIT Statement



## LOGUTIL LOCATE\_VTV



## LOGUTIL UNDELETE Statement



# MERGEcds

## Interfaces:

SLUADMIN utility only  
 UUI: No

## Subsystem Requirements:

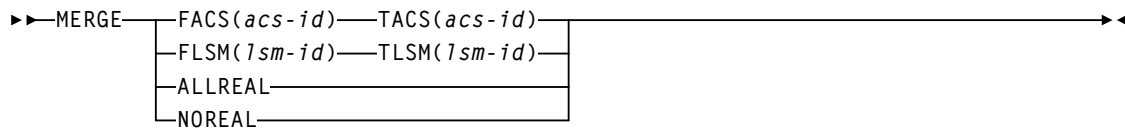
Active HSC at BASE service level only



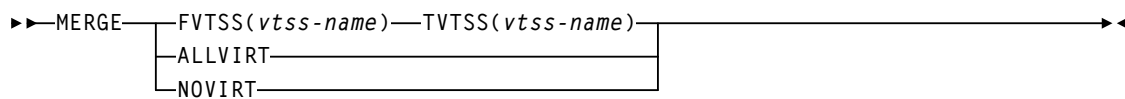
**Note:** If ALL is not specified, MERGEcds reads the parameters specified in the SLSMERGE DD statement.

## SLSMERGE Control Statement

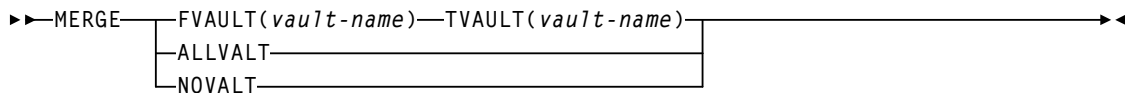
### For REAL volumes:



### If the CDS contains VIRTUAL data:



### If the CDS contains VAULT data:



---

## MERGMFST

**Interfaces:**

Utility only  
UI: Yes

**Subsystem Requirements:**

Active HSC not required

►►MERGMFST—MERGEIN(*manifin*)—MERGEOUT(*manifout*)————►◄

---

## METAdata

**Interfaces:**

Utility only  
UI: Yes

**Subsystem Requirements:**

Active HSC/VTCS

►►METAdata—  
└─*command-name*—

---

# MGMTDEF

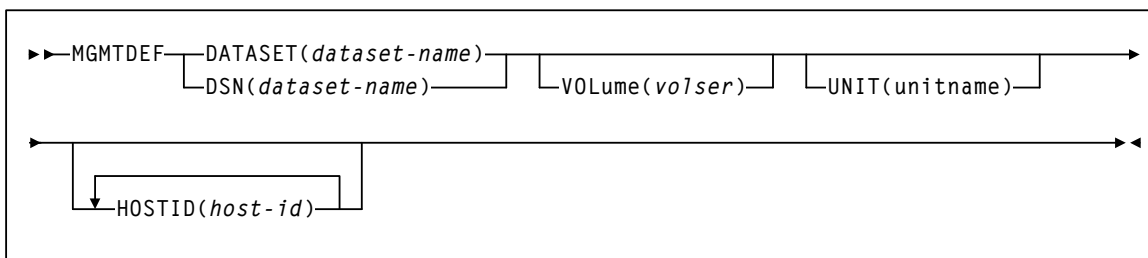
**Interfaces:**

Console or PARMLIB only

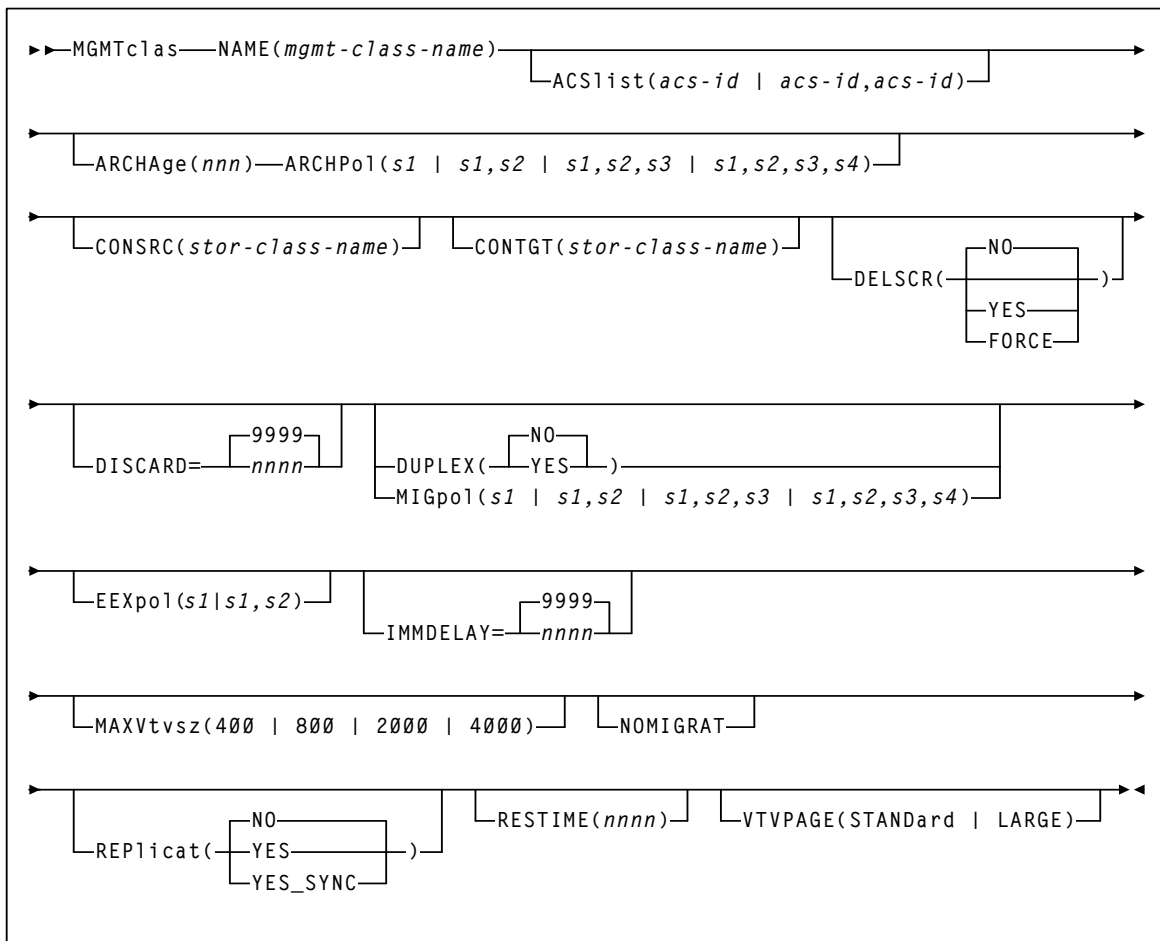
UII: No

**Subsystem Requirements:**

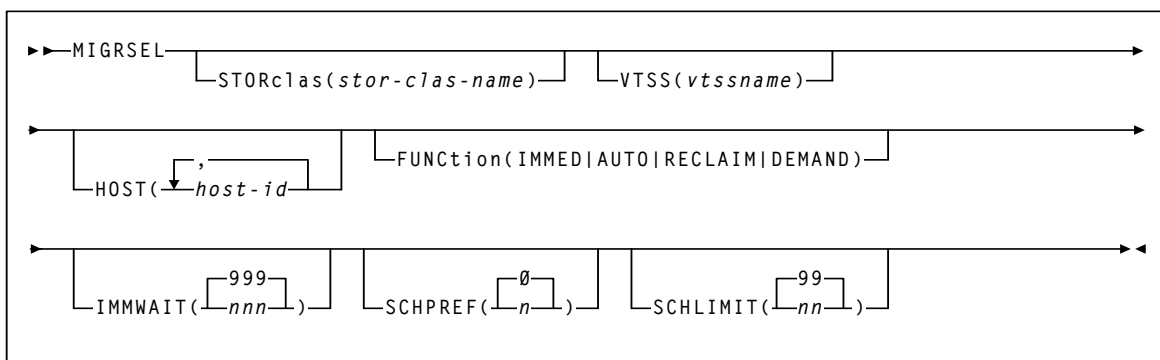
Active HSC at BASE or FULL service level



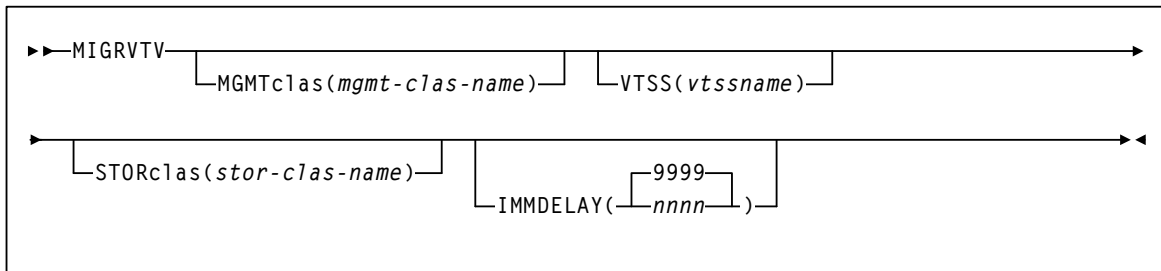
## MGMTclas Control Statement



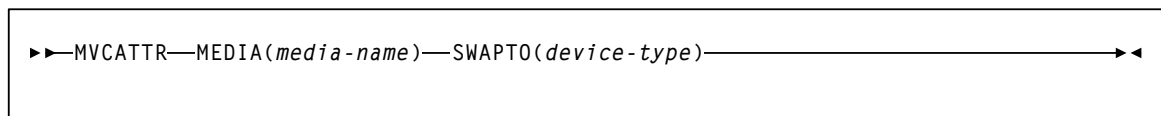
## MIGRSEL Control Statement



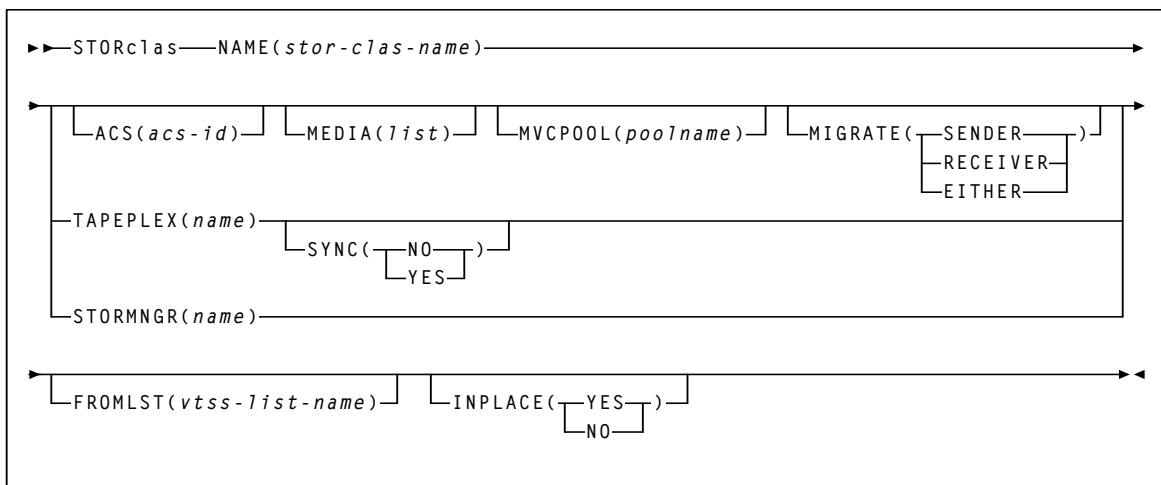
## MIGRVTV Control Statement



## MVCATTR Control Statement

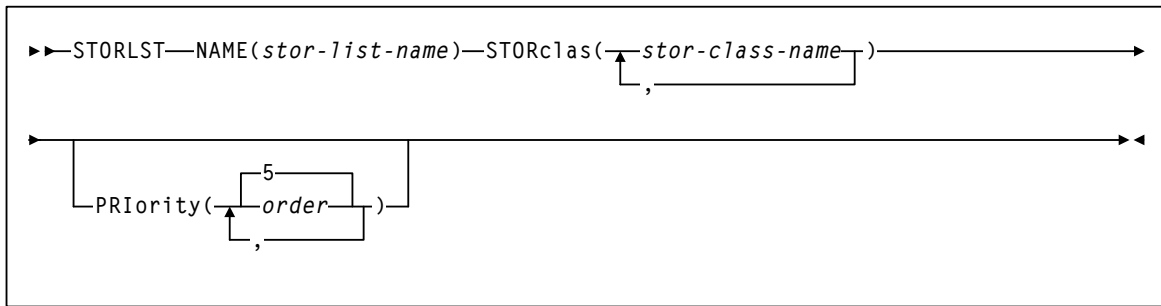


## STORclas Control Statement

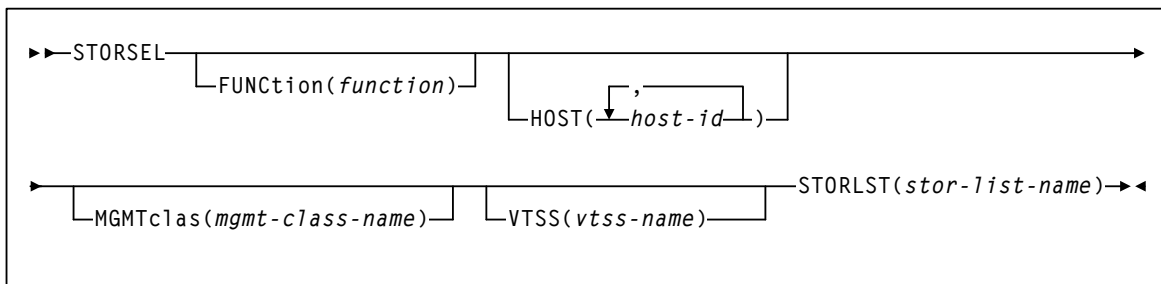




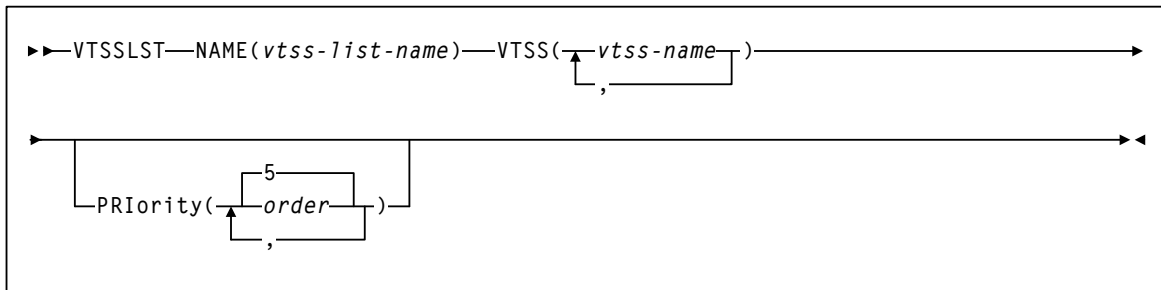
## STORLST Control Statement



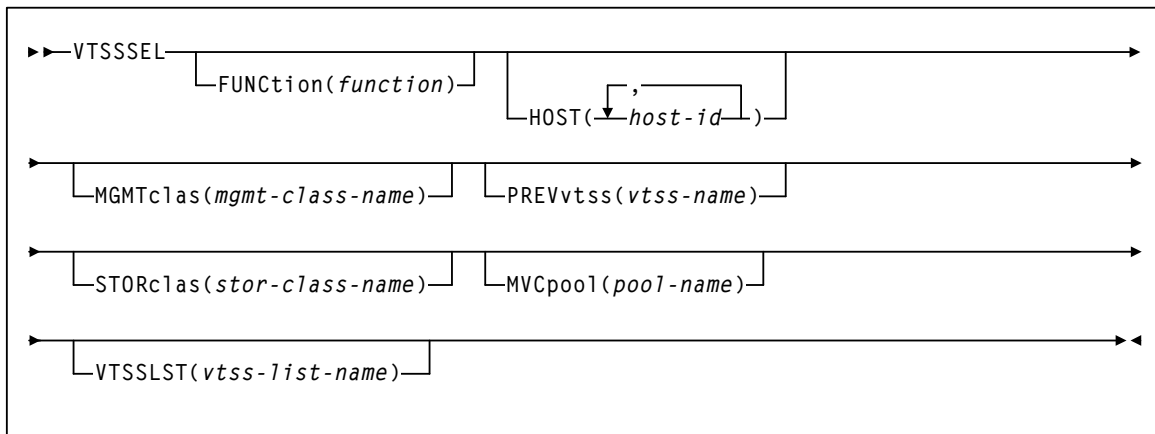
## STORSEL Control Statement



## VTSSLST Control Statement



## VTSSSEL Control Statement



# MIGrate

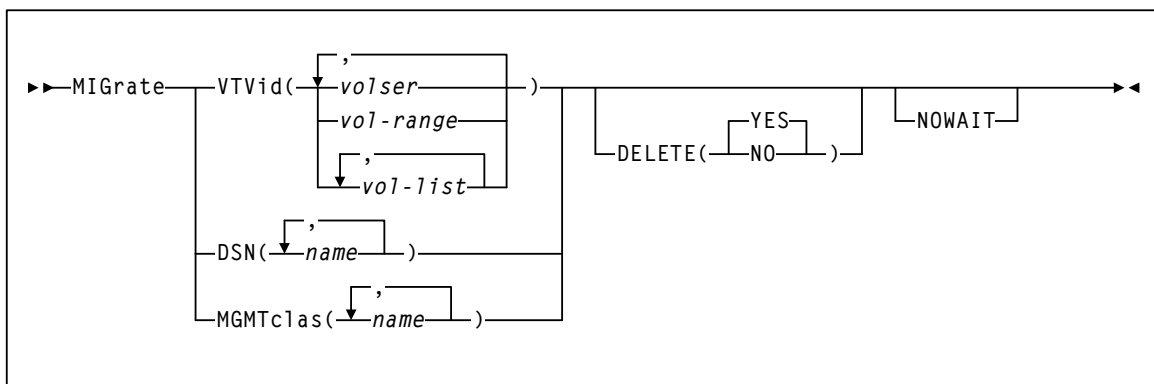
## Interfaces:

Console or utility  
 UUI: Yes

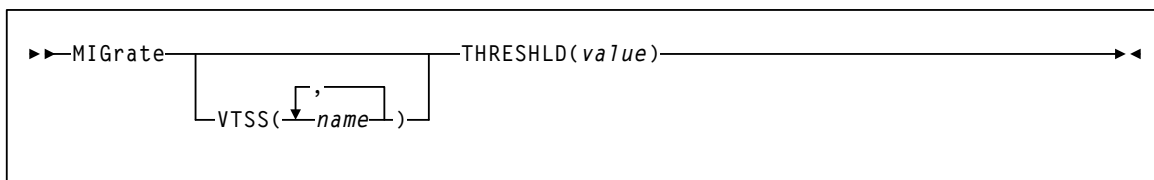
## Subsystem Requirements:

Active HSC/VTCS

## Format 1



## Format 2



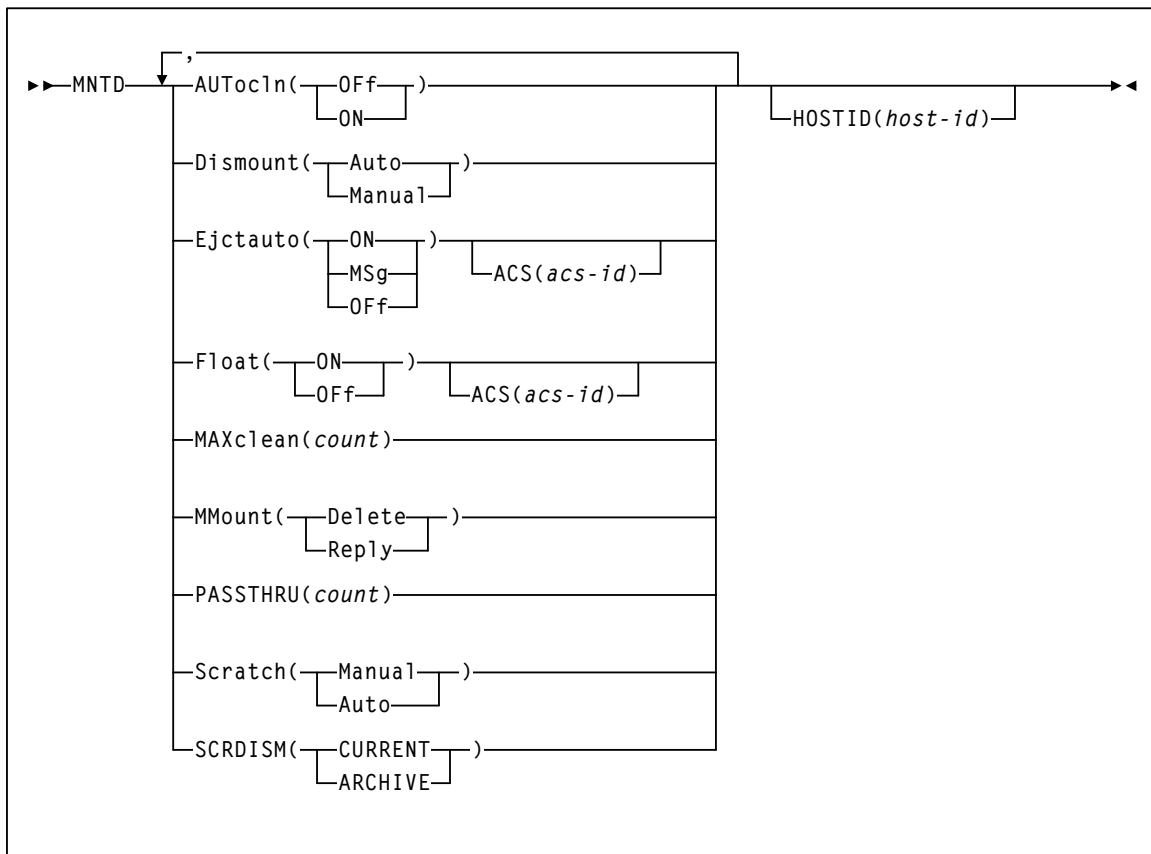
# MNTD

## Interfaces:

Console or PARMLIB only  
 UUI: No

## Subsystem Requirements:

Active HSC at FULL service level



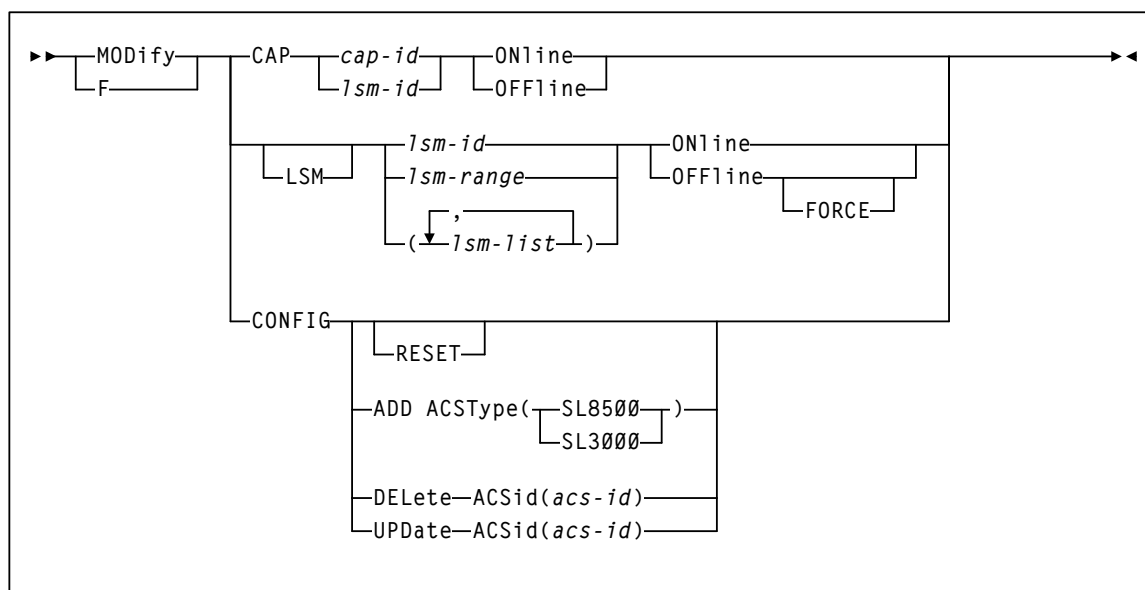
# MODify

## Interfaces:

Console or PARMLIB only  
 UUI: No

## Subsystem Requirements:

Active HSC at FULL service level



# Mount

### Interfaces:

Console or utility

UUI: Yes

### Subsystem Requirements:

Active HSC at FULL service level

**To mount a specific Nearline volume on a transport:**

```

graph LR
    Mount[Mount] --- volser[volser]
    volser --- devaddr[devaddr]
    devaddr --- options["[, host-id, Readonly, ForceRT]"]
  
```

### To mount a scratch volume on a transport:

Mount

SCRATCH devaddr host-id SUBpool(subpool-name) MEDIA(media-type)

PRIVATE

**To mount a VTV on a VTD and optionally, assign a management class to the VTV:**

► Mount — `volser` — `devaddr` — `MGMTclas(mgmt-clas-name)` — ►

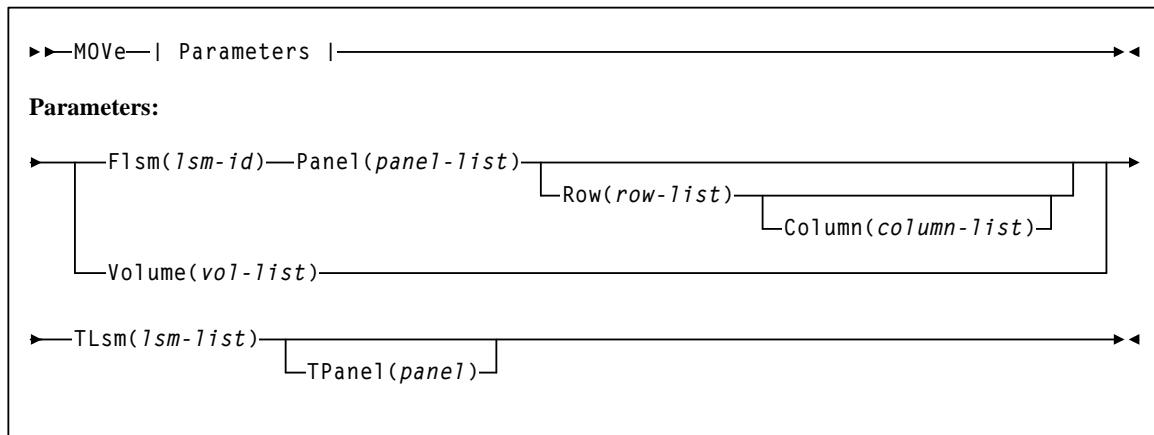
# MOVE

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC at FULL service level



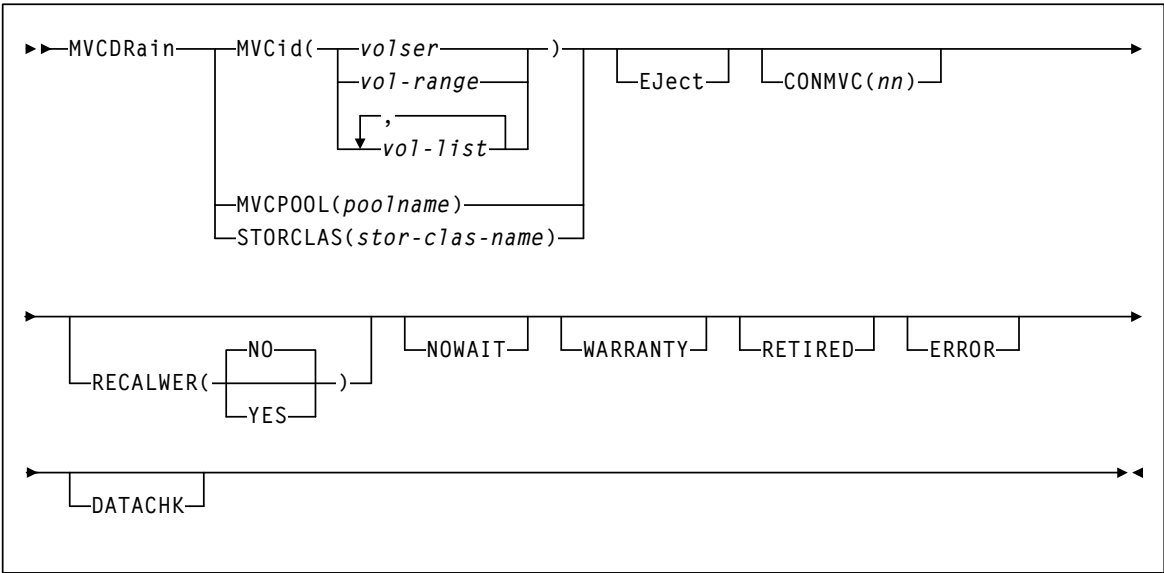
# MVCDRain

**Interfaces:**

Console or utility  
 UUI: Yes

**Subsystem Requirements:**

Active HSC/VTCS





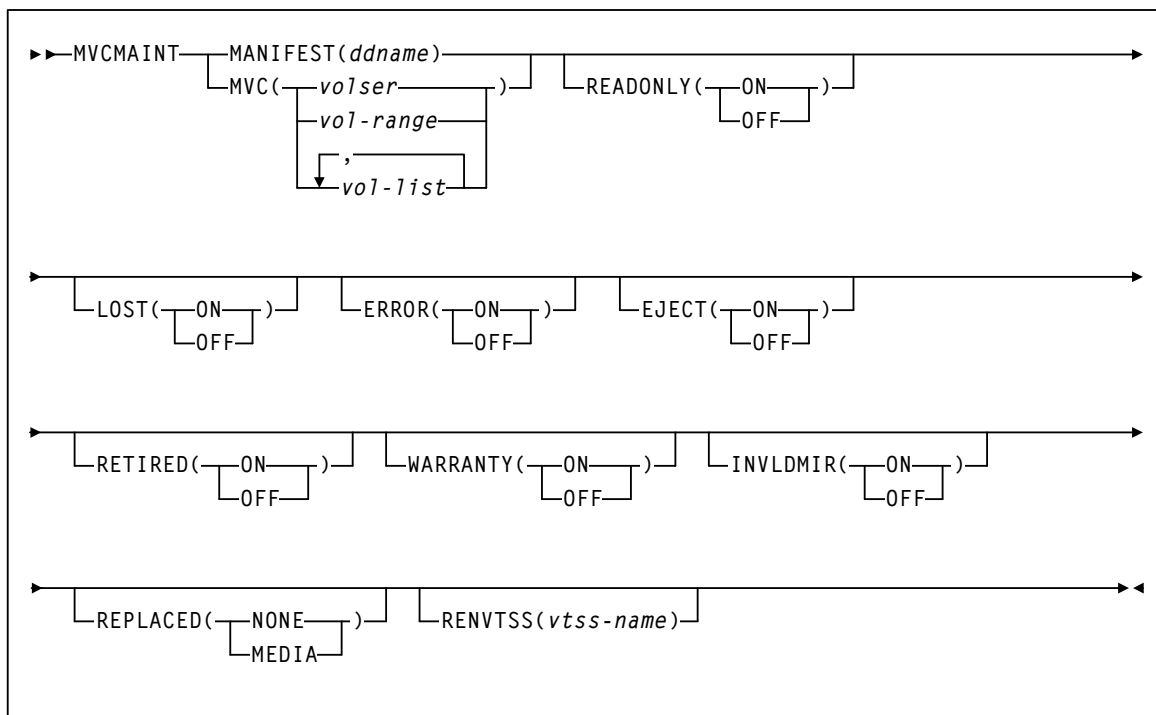
# MVCMAINT

## Interfaces:

Utility only  
 UII: Yes

## Subsystem Requirements:

- Active HSC/VTCS required if RENVTSS is specified
- Can run in batch-only mode when there are no hosts active (on any LPAR) using the CDS that is to be updated



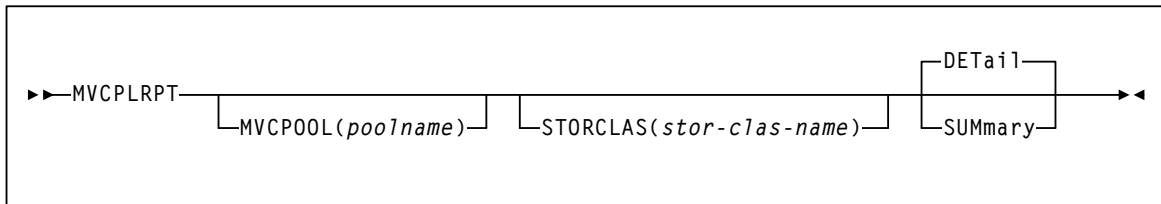
# MVCPLRPT

## Interfaces:

Utility only  
 UI: Yes

## Subsystem Requirements:

Active HSC not required



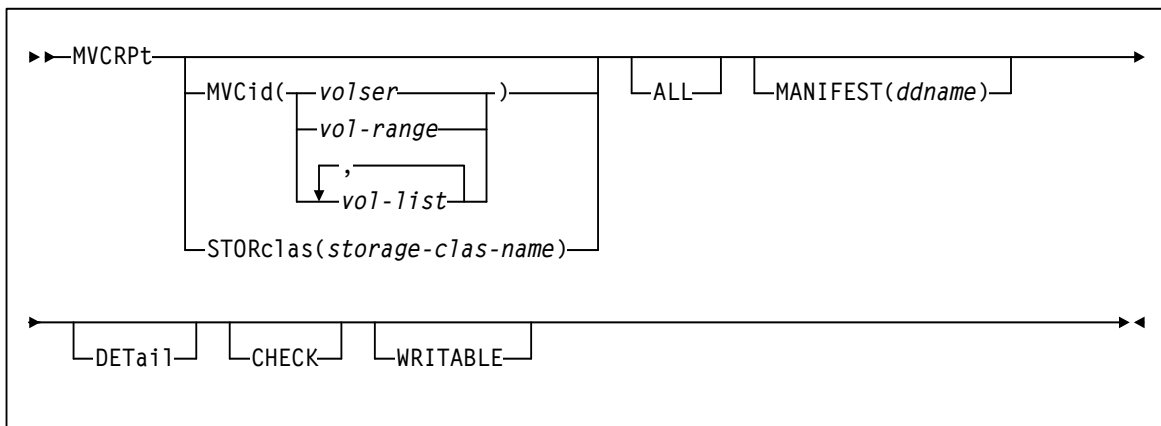
# MVCRPt

## Interfaces:

Utility only  
 UI: Yes

## Subsystem Requirements:

Active HSC not required



---

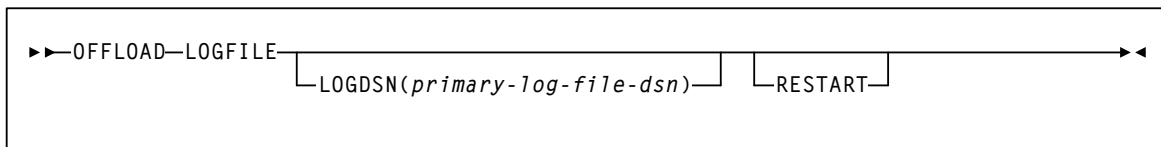
## OFFload LOGFILE

**Interfaces:**

SLUADMIN utility only  
UII: No

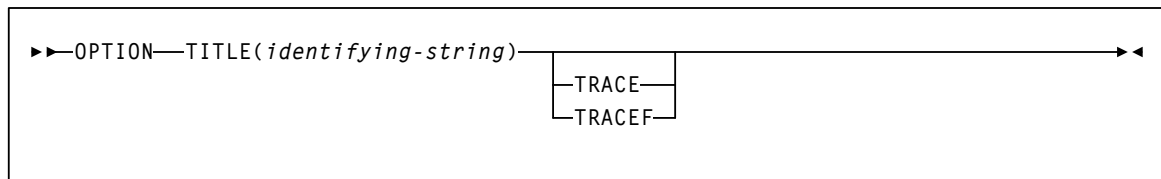
**Subsystem Requirements:**

Active HSC not required



---

## OPTION TITLE Control Statement



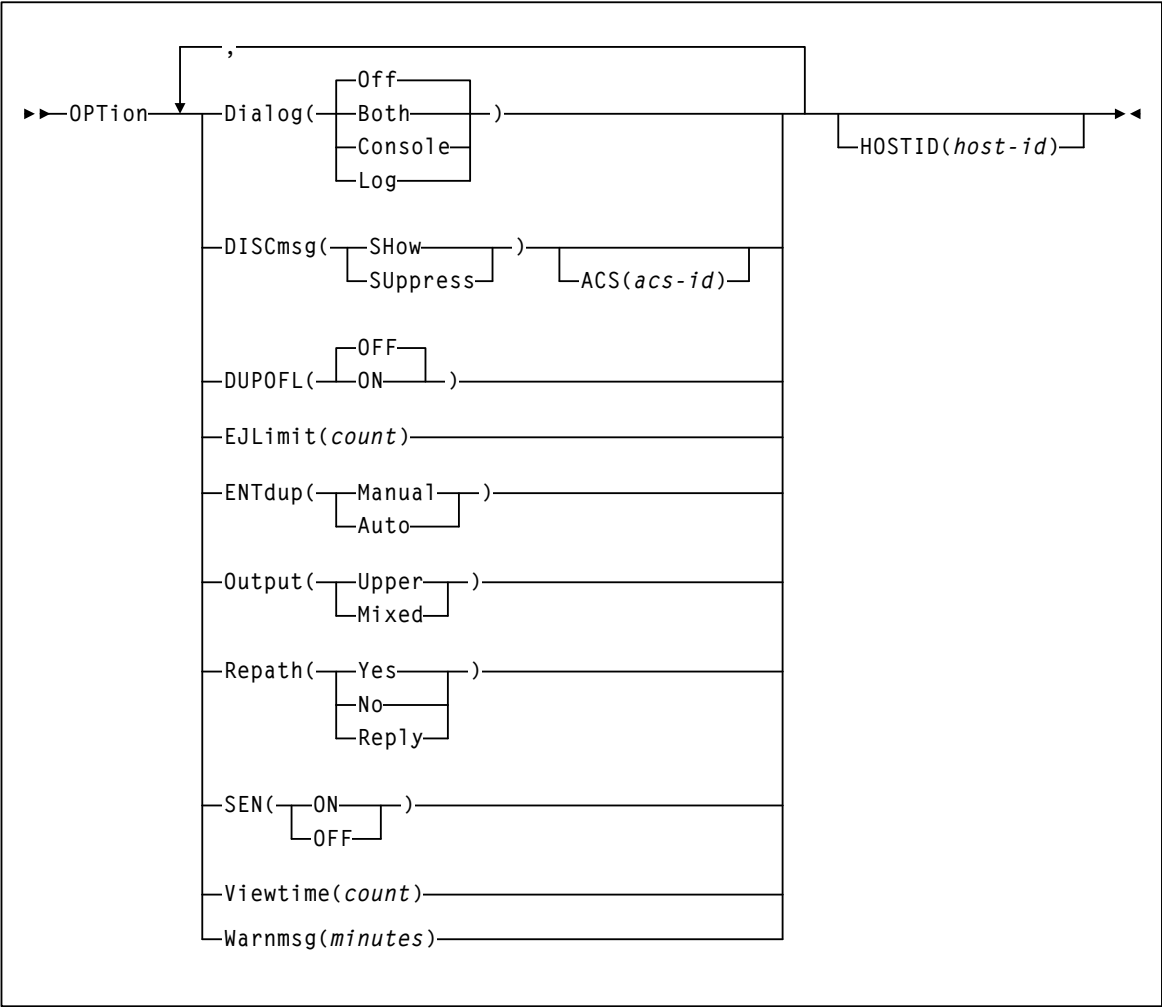
# OPTion

**Interfaces:**

Console or PARMLIB only  
UUI: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



---

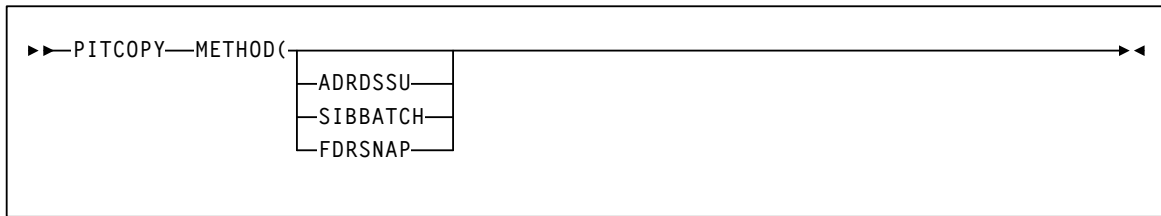
# PITCOPY

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required



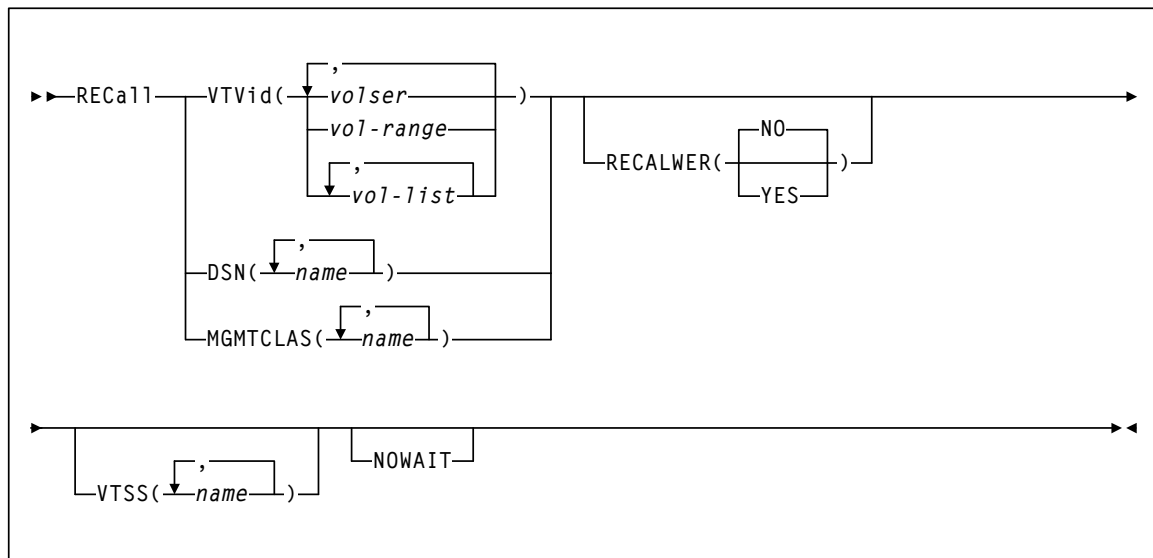
## RECall

### Interfaces:

Console or utility  
UUI: Yes

### Subsystem Requirements:

Active HSC/VTCS



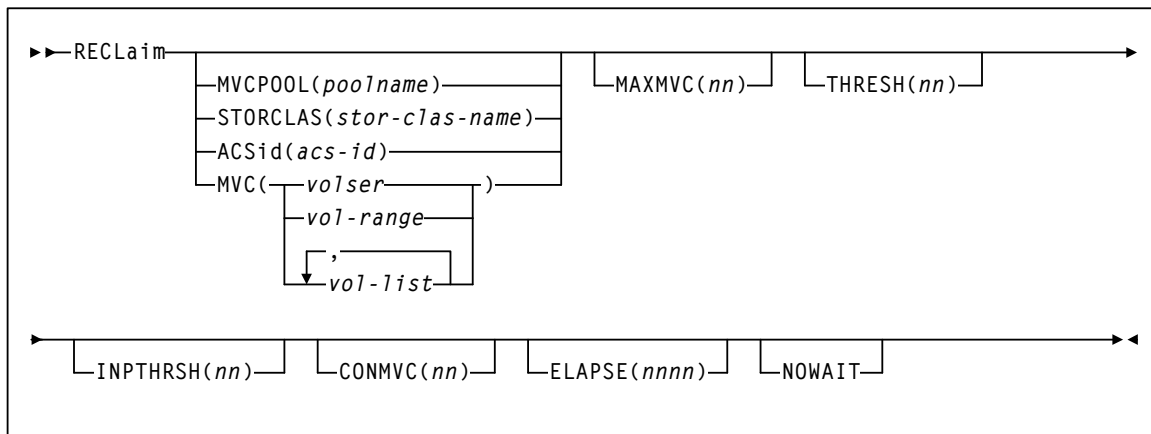
# RECLaim

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC/VTCS



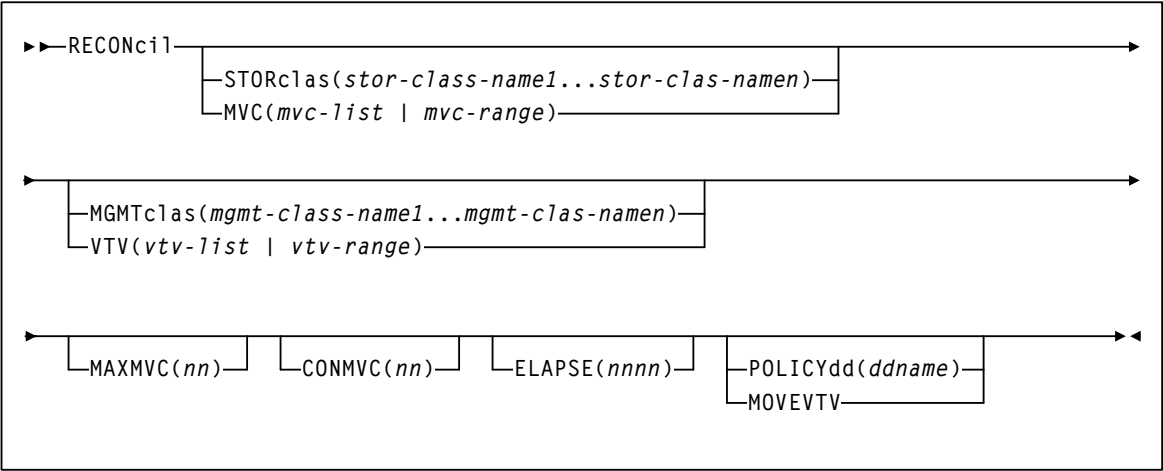
# RECONcil

**Interfaces:**

Utility only  
 UI: Yes

**Subsystem Requirements:**

Active HSC/VTCS



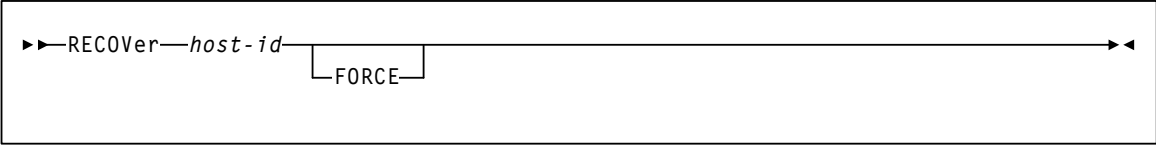
# RECOVer

**Interfaces:**

Console or PARMLIB  
 UI: No

**Subsystem Requirements:**

Active HSC at FULL service level





---

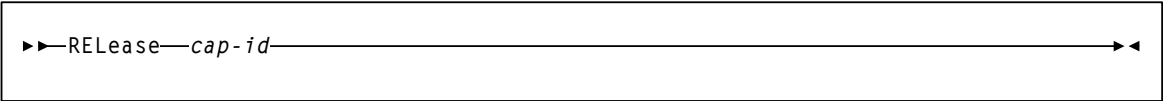
# RELease

**Interfaces:**

Console or PARMLIB only  
 UI: No

**Subsystem Requirements:**

Active HSC at FULL service level



---

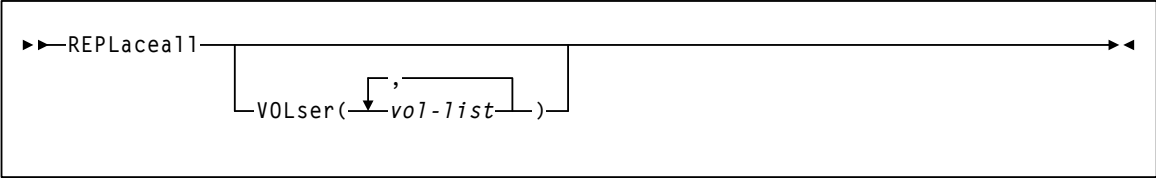
# REPLaceall

**Interfaces:**

Console or utility  
 UI: Yes

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



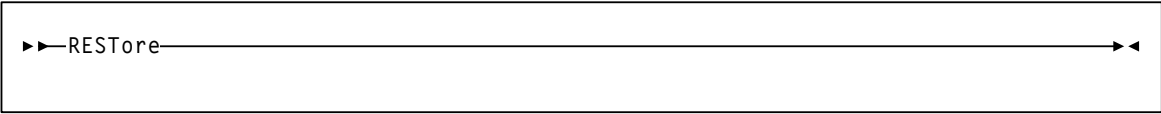
# REStore

**Interfaces:**

SLUADMIN utility only  
UUI: No

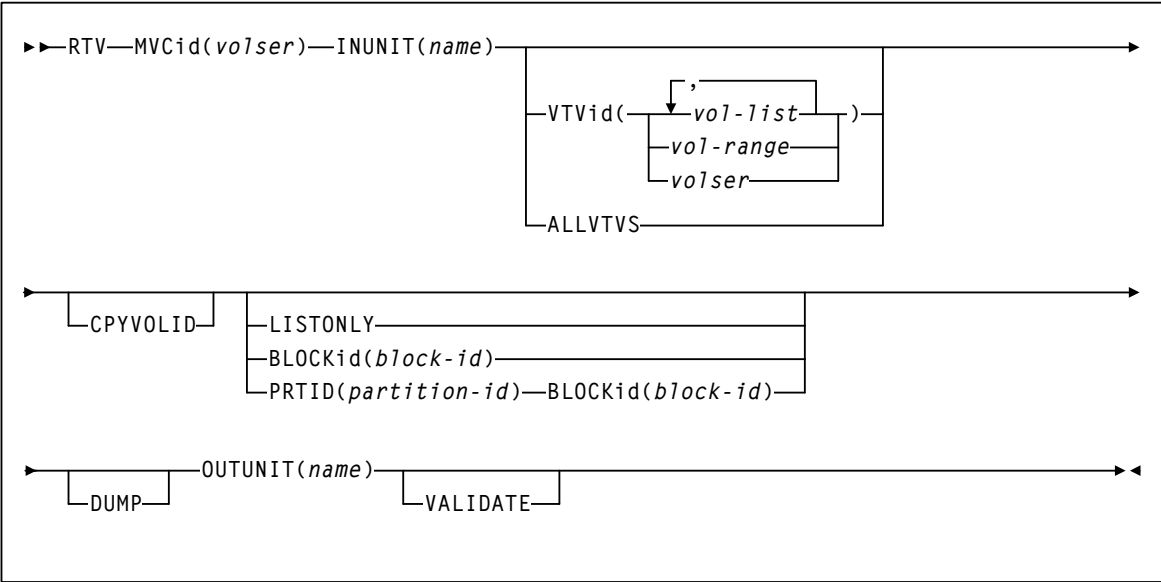
**Subsystem Requirements:**

HSC must be down (inactive)



# RTV Utility

**Note** – This VTCS utility is a standalone utility executed using the SWSRTV program.



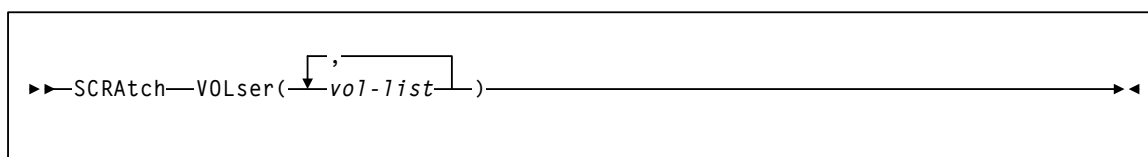
## SCRAtch

### Interfaces:

Console or utility  
 UII: Yes

### Subsystem Requirements:

Active HSC at BASE or FULL service level



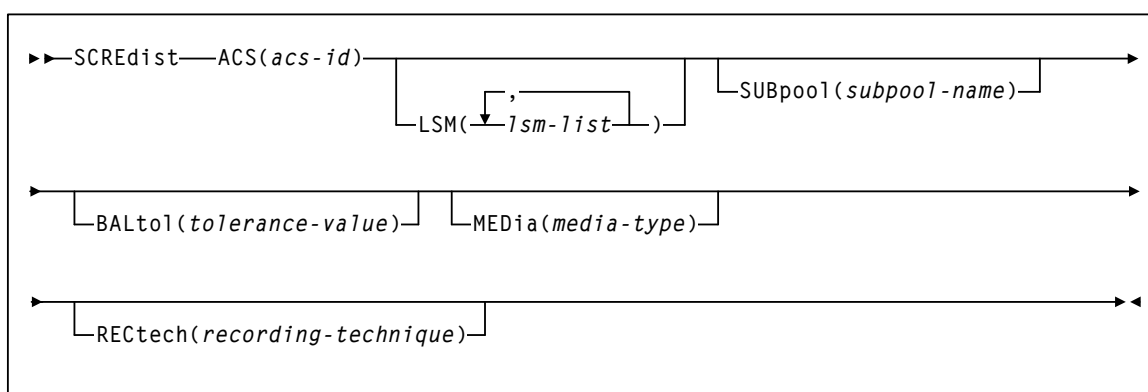
## SCREdist

### Interfaces:

SLUADMIN utility only  
 UII: No

### Subsystem Requirements:

Active HSC at FULL service level



---

## SENter

**Interfaces:**

Console or PARMLIB only  
UII: No

**Subsystem Requirements:**

Active HSC at FULL service level

▶▶SENter—*cap-id*—————▶◀

---

## SET CLNPRFX

---

**Note** – HSC must be shut down on all systems before changing the cleaning prefix.

---

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

▶▶SET—CLNPRFX(*prefix*)—————▶◀

---

## SET COMPRFX

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

▶▶ SET—COMPRFX(*cmdhex*)◀◀

---

## SET DRVHOST

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

▶▶ SET—DRVHOST(

OFF  
host-id

)◀◀

---

## SET EJCTPAS

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

```
►► SET—EJCTPAS( newpswd ) ,OLDPASS(oldpswd) ►►
```

---

## SET FREEZE

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

```
►► SET—FREEZE( ON )—FORLSMID( lsm-id ) ,FORPANEL(panel) ►►
```

---

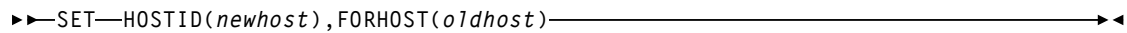
## SET HOSTID

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

A diagram showing the command syntax for SET HOSTID. It consists of the text '►►SET—HOSTID(newhost),FORHOST(oldhost)◄◄' enclosed in a rectangular box. A horizontal line with arrowheads at both ends extends from the right side of the text to the right edge of the box.

---

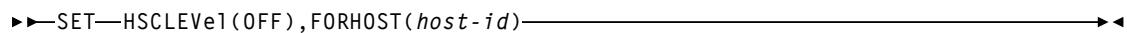
## SET HSCLEVel

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

A diagram showing the command syntax for SET HSCLEVel. It consists of the text '►►SET—HSCLEVel(OFF),FORHOST(host-id)◄◄' enclosed in a rectangular box. A horizontal line with arrowheads at both ends extends from the right side of the text to the right edge of the box.

---

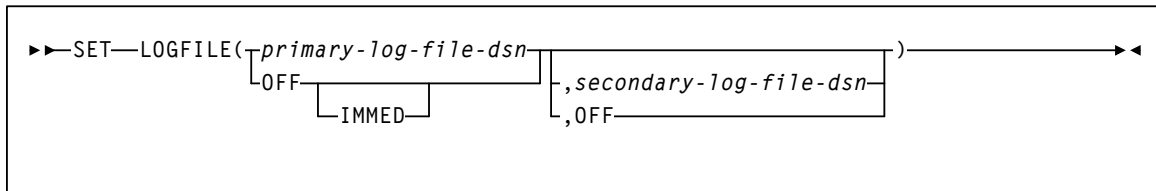
## SET LOGFILE

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required



---

## SET MAJNAME

---

**Note** – HSC must be shut down on all systems before changing the QNAME.

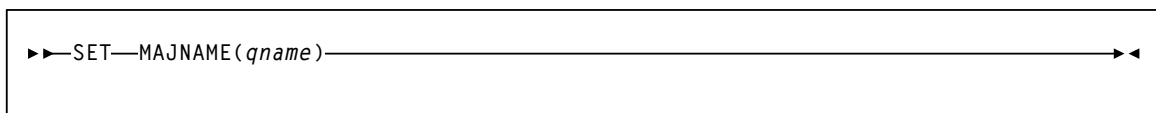
---

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

- Active HSC not required
- HSC must be shut down on all systems before changing the QNAME.





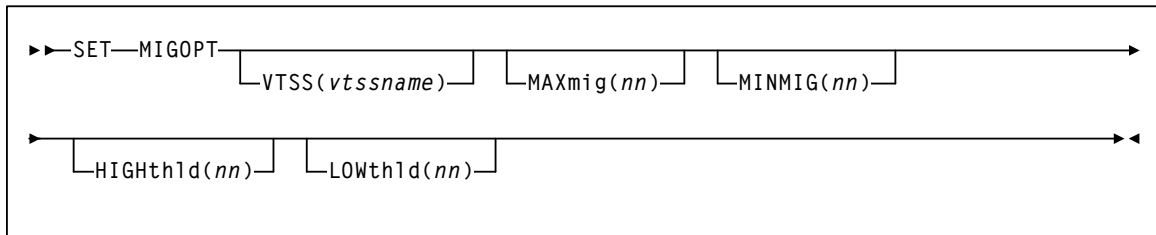
# SET MIGOPT

## Interfaces:

Console or utility  
 UII: Yes

## Subsystem Requirements:

Active HSC/VTCS



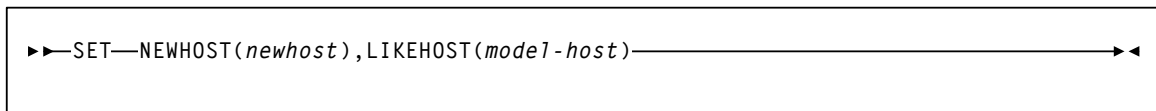
# SET NEWHOST

## Interfaces:

SLUADMIN utility only  
 UII: No

## Subsystem Requirements:

Active HSC not required



---

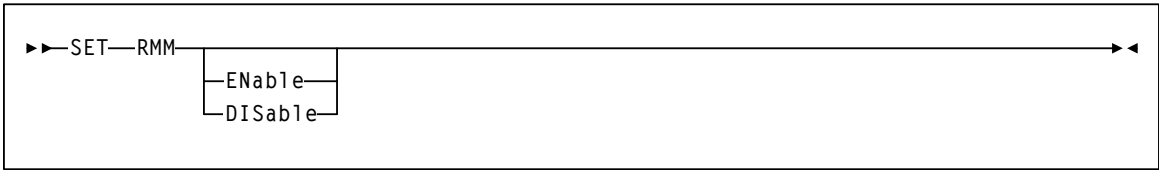
# SET RMM

**Interfaces:**

Console or utility  
UII: Yes

**Subsystem Requirements:**

Active HSC/VTCS



---

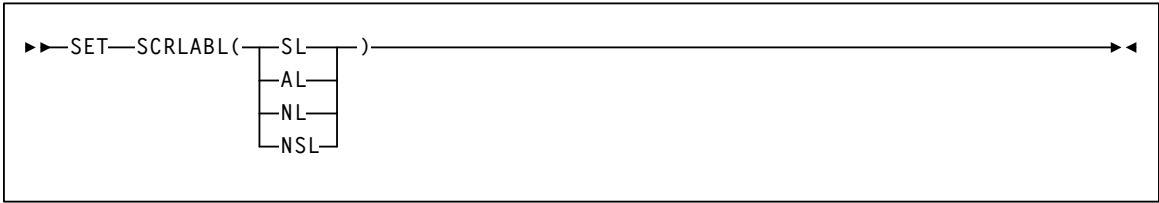
# SET SCRLABL

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required



## SET SLIDRIVS

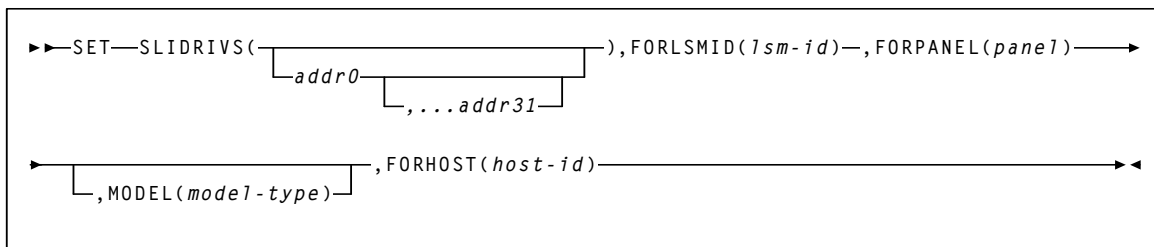
**Caution** – For 9310 and 9740 libraries, Sun recommends you bring the HSC down on all hosts before specifying this parameter, and recycle the HSC after every SET SLIDRIVS operation.

### Interfaces:

SLUADMIN utility only  
 UII: No

### Subsystem Requirements:

Active HSC not required



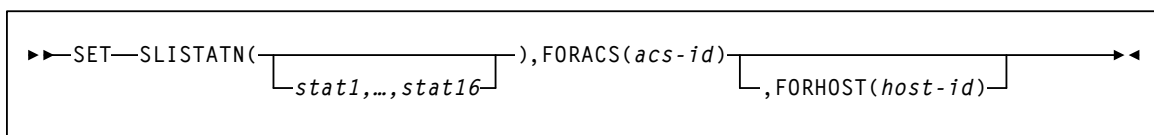
## SET SLISTATN

### Interfaces:

SLUADMIN utility only  
 UII: No

### Subsystem Requirements:

Active HSC not required



---

## SET SMF

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

▶▶SET—SMF(*libtype*)—————▶◀

---

## SET TAPEplex

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

▶▶SET—TAPEplex(*tapeplex-name*)—————▶◀

---

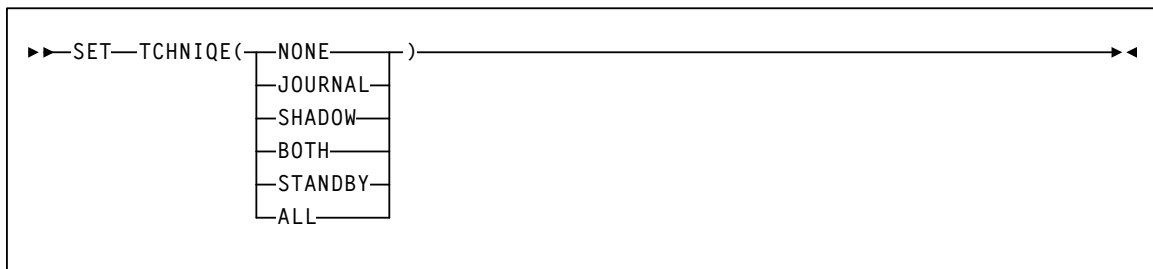
# SET TCHNIQE

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required



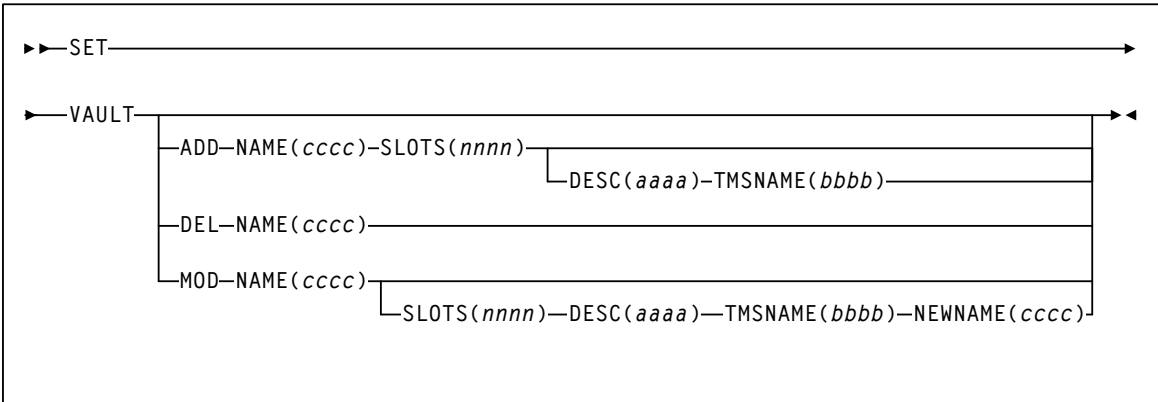
# SET VAULT

**Interfaces:**

SLUADMIN utility only  
 UII: No

**Subsystem Requirements:**

Active HSC not required



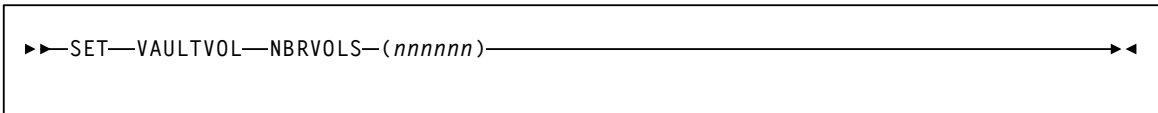
# SET VAULTVOL

**Interfaces:**

SLUADMIN utility only  
 UII: No

**Subsystem Requirements:**

Active HSC not required



---

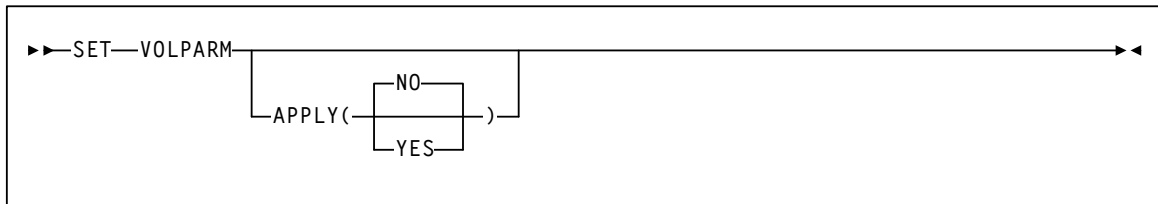
# SET VOLPARM

**Interfaces:**

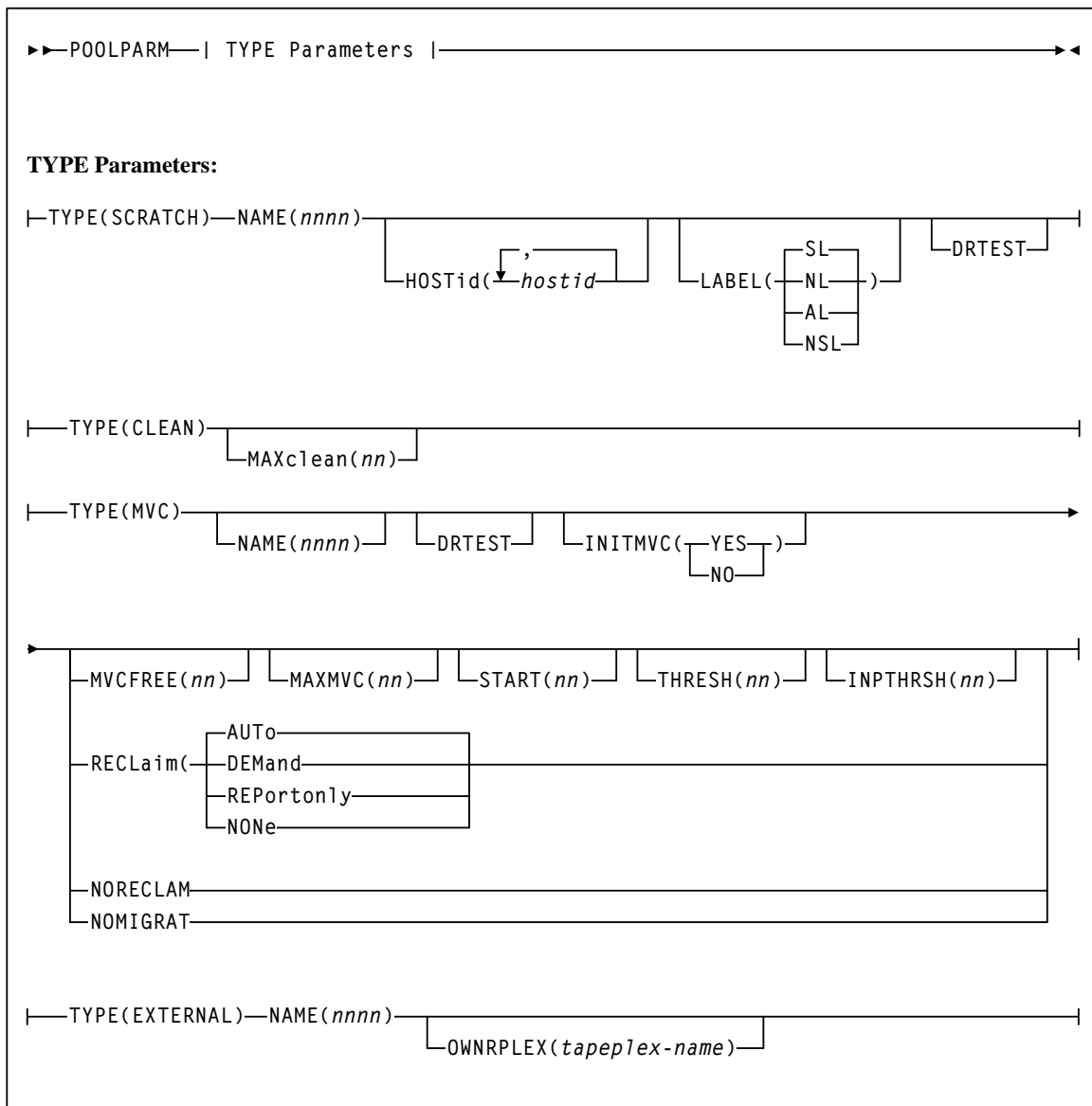
SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required

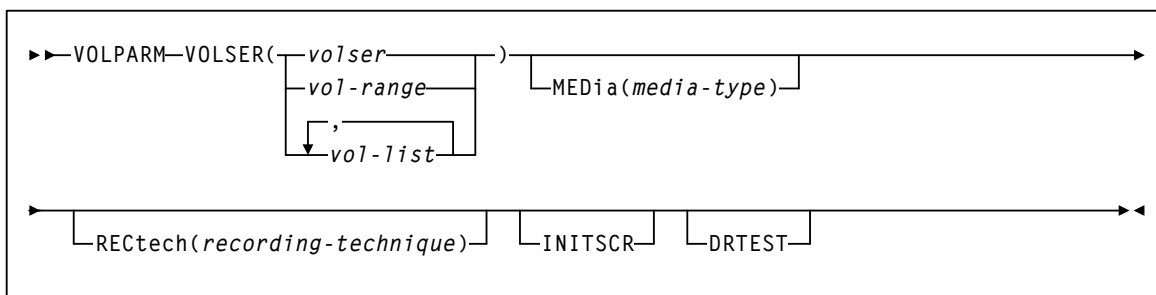


## POOLPARM Control Statement





## VOLPARM Control Statement



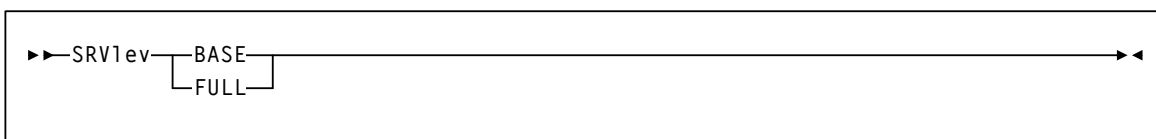
## SRVlev

### Interfaces:

Console or PARMLIB only  
 UII: No

### Subsystem Requirements:

Active HSC at BASE or FULL service level



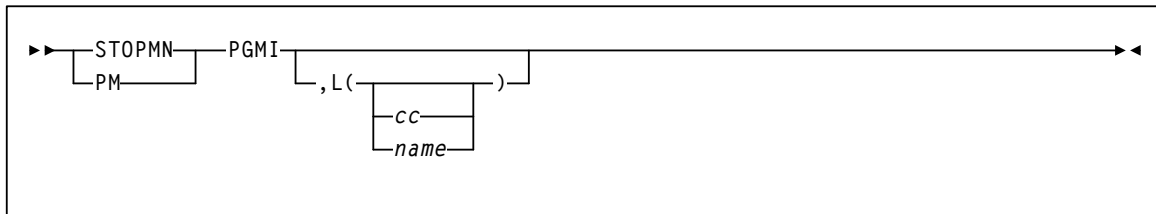
# STOPMN

## Interfaces:

Console or PARMLIB only  
 UI: No

## Subsystem Requirements:

Active HSC at BASE or FULL service level



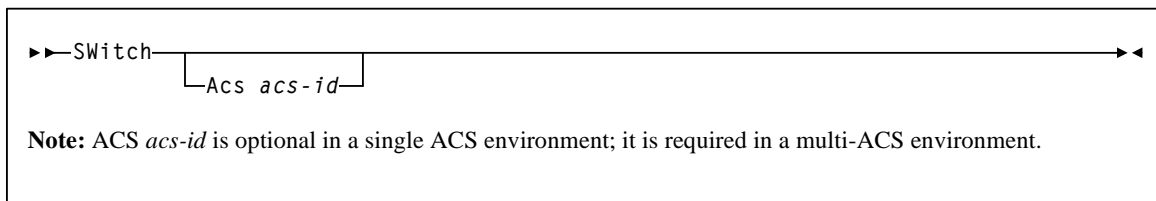
# SWitch

## Interfaces:

Console or PARMLIB only  
 UI: No

## Subsystem Requirements:

Active HSC at FULL service level



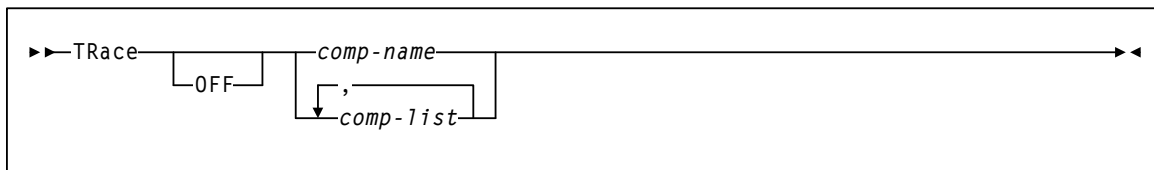
# TRace

## Interfaces:

Console or utility  
 UUI: Yes

## Subsystem Requirements:

Active HSC at BASE or FULL service level



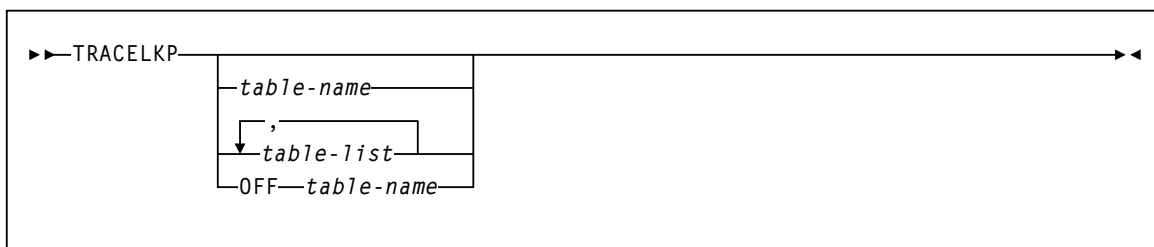
# TRACELKP

## Interfaces:

Console or PARMLIB only  
 UUI: No

## Subsystem Requirements:

Active HSC at BASE or FULL service level



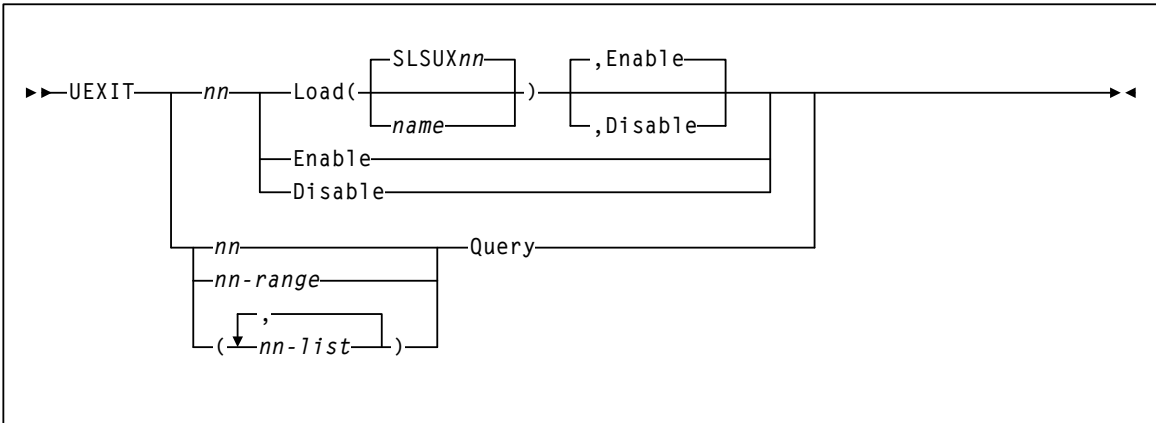
# UEXIT

**Interfaces:**

Console or PARMLIB only  
 UII: No

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



# UNSCratch

**Interfaces:**

Console or utility  
 UII: Yes

**Subsystem Requirements:**

Active HSC at BASE or FULL service level



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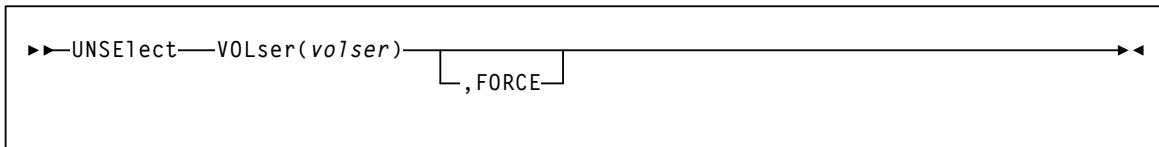
# UNSElect

**Interfaces:**

SLUADMIN utility only  
UII: No

**Subsystem Requirements:**

Active HSC not required



# Vary

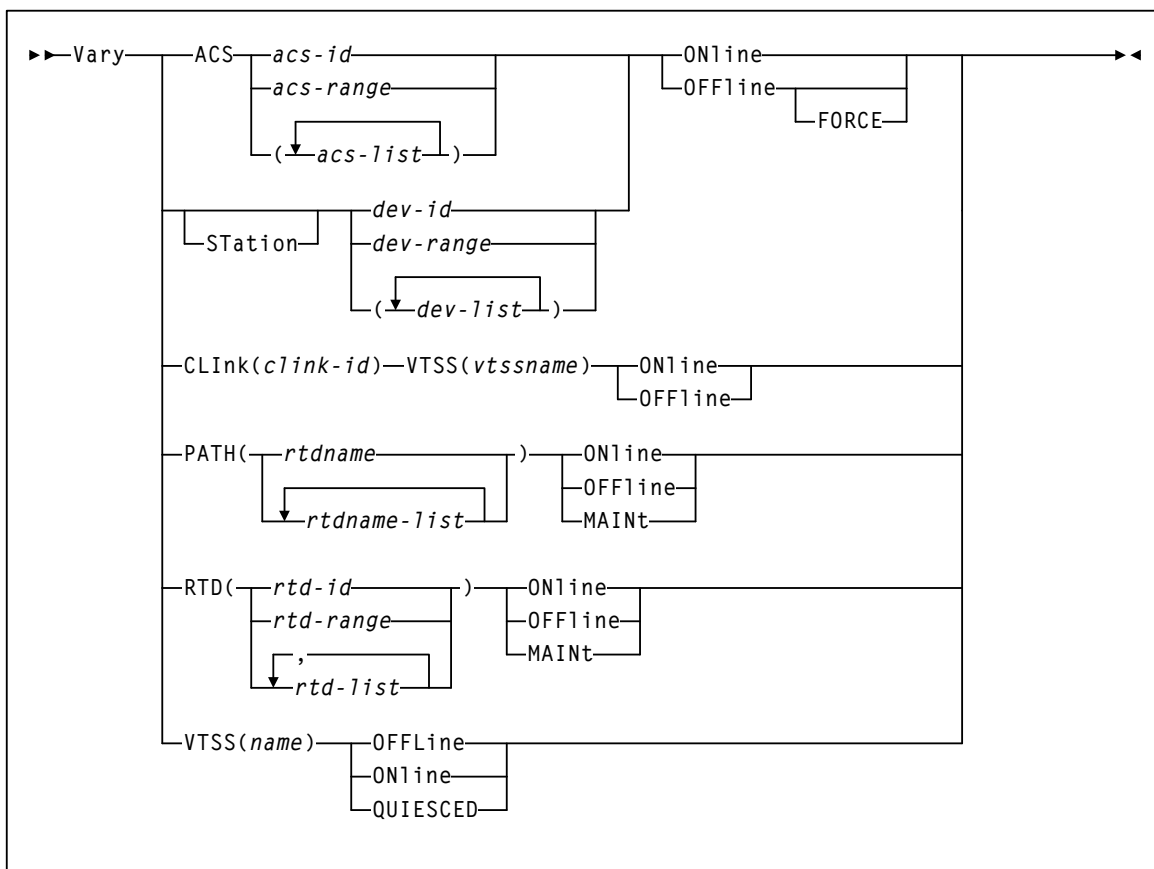
## Interfaces:

- Console or PARMLIB (Vary ACS)
- Console or utility, UII All (Vary CLINK, RTD, or VTSS)

UII: Yes

## Subsystem Requirements:

- Active HSC at FULL service level (Vary ACS)
- Active HSC/VTCS (Vary CLINK, RTD, or VTSS)



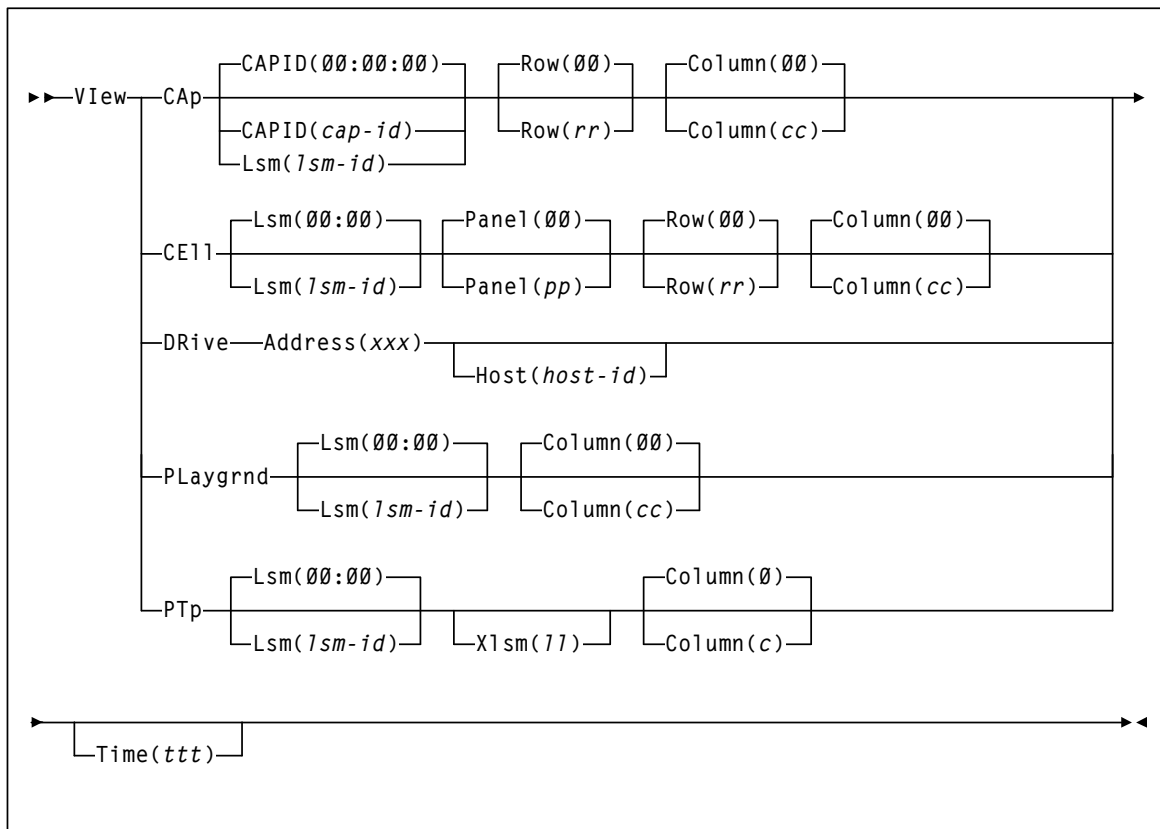
# View

## Interfaces:

Console or PARMLIB only  
 UII: No

## Subsystem Requirements:

Active HSC at FULL service level



### Interfaces:

### Subsystem Requirements:



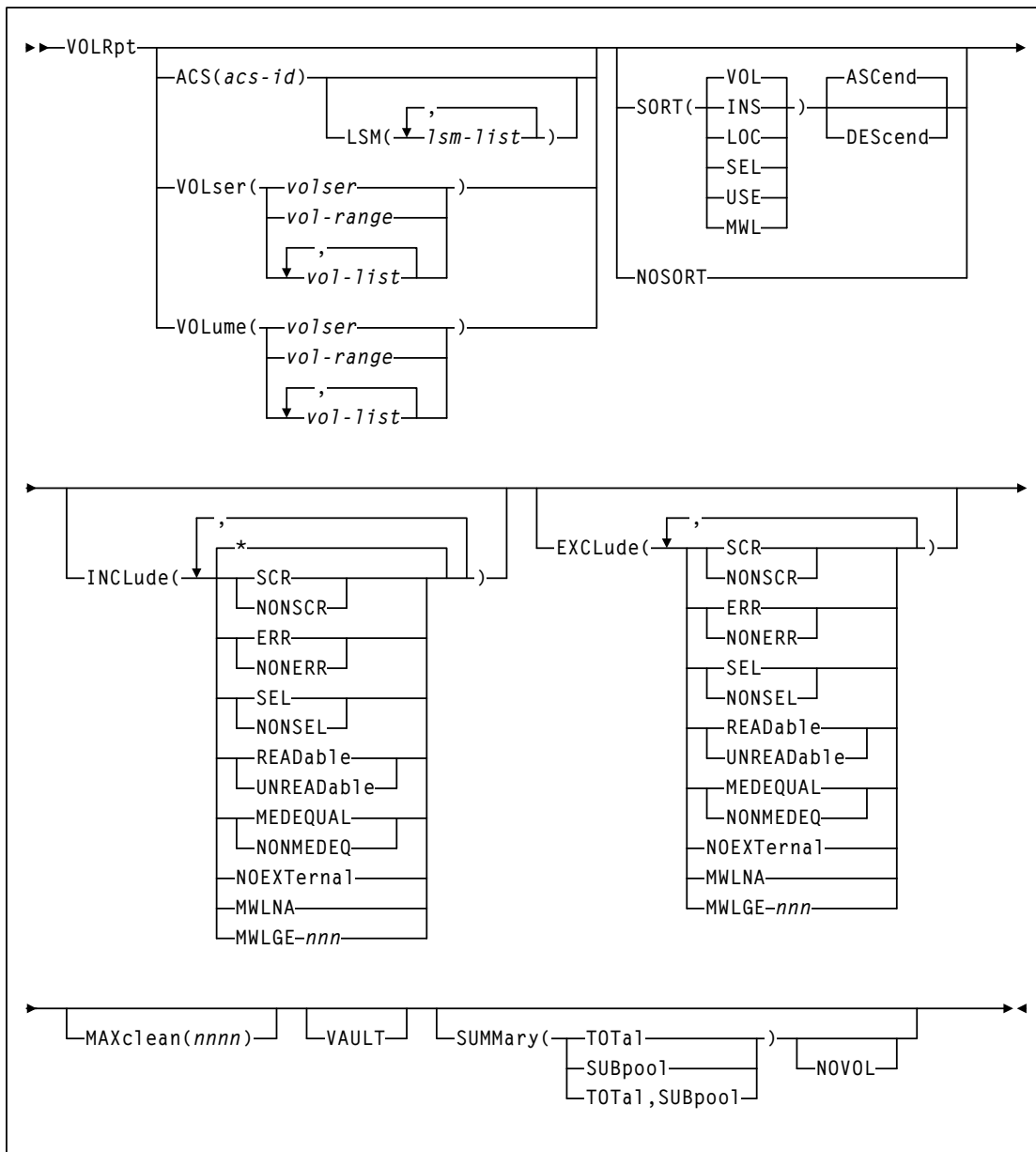
# VOLRpt

## Interfaces:

Utility only  
 UUI: Yes

## Subsystem Requirements:

Active HSC not required



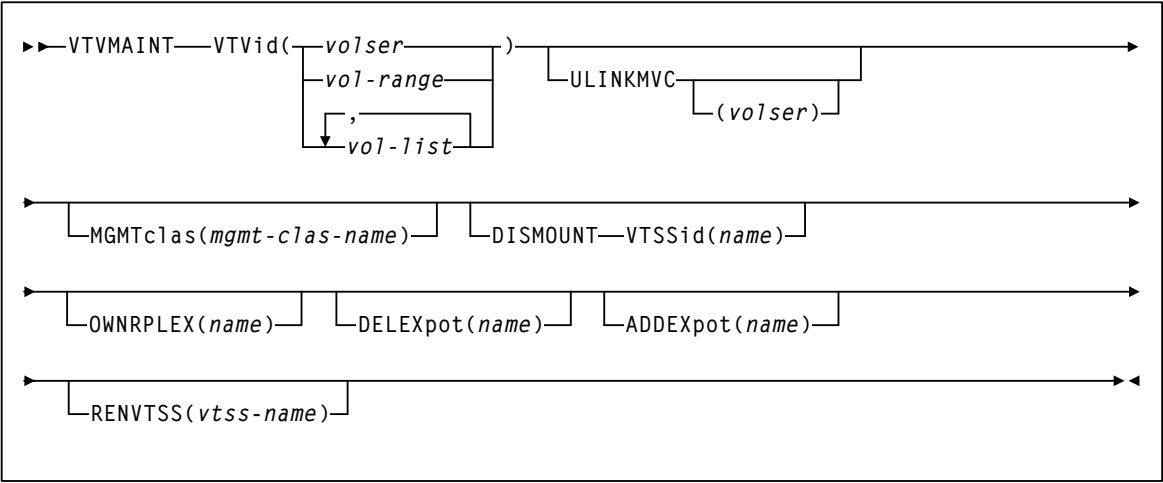
# VTVMaint

**Interfaces:**

Utility only  
UI: Yes

**Subsystem Requirements:**

Active HSC at FULL service level



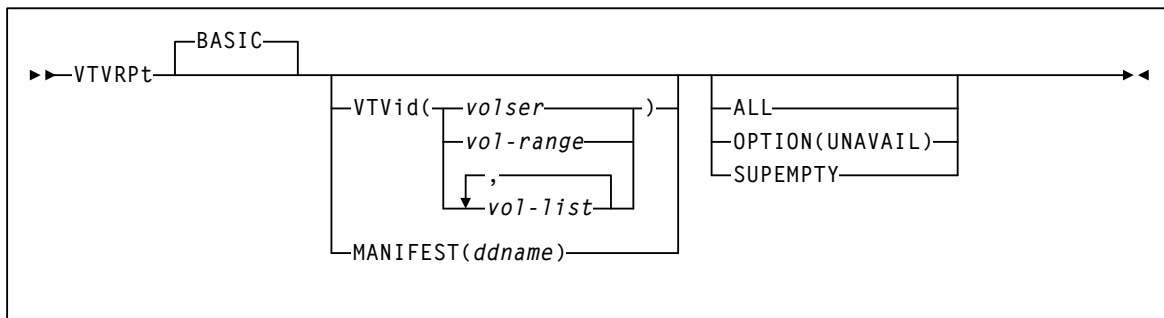
## VTVRPt BASIC

### Interfaces:

Utility only  
 UUI: Yes

### Subsystem Requirements:

Active HSC not required



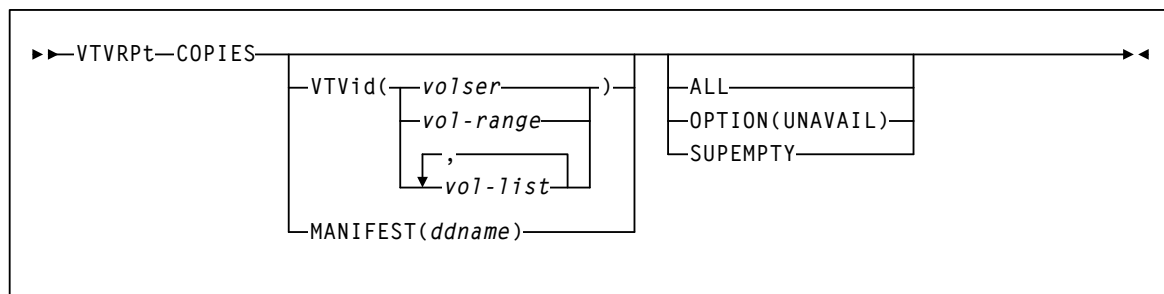
## VTVRPt COPIES

### Interfaces:

Utility only  
 UUI: Yes

### Subsystem Requirements:

Active HSC not required



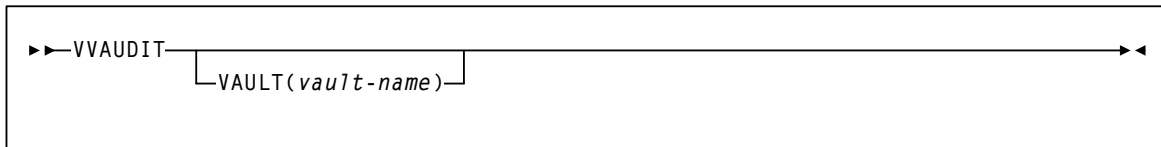
# VVAUDIT

## Interfaces:

Utility only  
 UII: Yes

## Subsystem Requirements:

Active HSC at BASE or FULL service level



# Warn

## Interfaces:

Console or PARMLIB only  
 UII: No

## Subsystem Requirements:

Active HSC at BASE or FULL service level

