

Unit 7: Utilities (Option 3)

Objectives

- **Utility Selection Panel Action Bar**
- **Library Utility (Option 3.1)**
- **Data Set Utility (Option 3.2)**
- **Move/Copy Utility (Option 3.3)**
- **Data Set List Utility (Option 3.4)**
- **SuperC Utility (Option 3.12)**
- **SuperCE Utility (Option 3.13)**
- **Search-ForE Utility (Option 3.15)**

Figure: 7.1. Objectives

ISPF Settings (Option 3) Screen

```
Menu Help

                                Utility Selection Panel

Option ==>

1 Library      Compress or print data set.  Print index listing.  Print,
                Rename, delete, browse, edit or view members
2 Data Set     Allocate, rename, delete, catalog, uncatalog, or display
                Information of an entire data set
3 Move/Copy    Move, copy, or promote members or data sets
4 Dslist       Print or display (to process) list of data set names.
                Print or display VTOC information
5 Reset        Reset statistics for members of ISPF library
6 Hardcopy     Initiate hardcopy output
7 Download     Download ISPF C/S, VA for ISPF, transfer map, or data set.
8 Outlist      Display, delete, or print held job output
9 Commands     Create/change an application command table
10 Reserved    This option reserved for future expansion.
11 Format       Format definition for formatted data Edit/Browse
12 SuperC      Compare data sets (Standard Dialog)
13 SuperCE     Compare data sets Extended (Extended Dialog)
14 Search-For  Search data sets for strings of data (Standard Dialog)
15 Search-ForE Search data sets for strings of data Extended (Extended Dialog)
```

Figure: 7 -2. ISPF Settings (Option 3) Screen

Utility Selection Panel Action Bar

The Utility Selection Panel action bar choices function as follows:

- **Menu**
- **Help**

Figure: 7-3. Utility Selection Panel Action Bar

Library Utility (Option 3.1)

```
Menu RefList Utilities Help

                                Library Utility

Option ==>

blank Display member list      I Data set information      B Browse member
  C Compress data set          S Short data set information D Delete member
  X Print index listing        E Edit member                R Rename member
  L Print entire data set      V View member                P Print member

                                Enter "/" to select option
                                / Confirm Member Delete

ISPF Library:
Project . . . MTPL004
Group . . . . TEST      . . .      . . .      . . .
Type . . . . SAMPLE
Member . . .              (If B, D, E, P, R, V, or blank selected)
New name. .              (If R selected)

Other Partitioned or Sequential Data Set:
  Data Set Name . . .
  Volume Serial . . .      (If not cataloged)

Data Set Password. .      (If password protected)
```

Figure: 7-4. Library Utility (Option 3.1)

Library Utility Options for Data Sets

The following sections describe the options shown on the left side of the Library Utility panel

- **Blank — (Display Member List)**
- **C — Compress Data Set**
- **X — Print Index Listing**
- **L — Print Entire Data Set**
- **I — Data Set Information**
- **S — Short Data Set Information**

Figure: 7.5. Library Utility Options for Data Sets

Library Utility Options for Members

- B — Browse Member**
- C — Copy Member**
- D — Delete Member**
- E — Edit Member**
- G — Reset Member**
- M — Move Member**
- R — Rename Member**
- T — TSO Command for Member**
- V — View Member**

Figure: 7.6. Library Utility Options for Members

Notes :

You can chain these commands; that is, you can select multiple members from a member list for various processing tasks. Use the CANCEL command (from a View, Browse, or Edit session) to break the chain and return to the member list.

Data Set Utility (Option 3.2)

```
Menu RefList Utilities Help

                                Data Set Utility

Option ==>

    A Allocate new data set          C Catalog data set
    R Rename entire data set        U Uncatalog data set
    D Delete entire data set        S Data set information (short)
blank Data set information          M Allocate new data set
                                    V VSAM Utilities

ISPF Library:
Project. . .MTPL004
Group . . .TEST
Type . . . .SAMPLE

Other Partitioned, Sequential or VSAM Data Set:
Data Set Name . . .
Volume Serial . . .                (If not cataloged, required for option "C")

Data Set Password. . .            (If password protected)
```

Figure: 7-7 Data Set Utility (Option 3.2)

Data Set Utility Options

The following sections are the options shown on the Data Set Utility panel.

- **A — Allocate New Data Set**
- **S — Data Set Information (Short)**
- **Blank — (Data Set Information)**
- **M — Enhanced Data Set Allocation**
- **V — VSAM Utilities**

Figure: 7.8. Data Set Utility Options

Move/Copy Utility (Option 3.3)

```
Menu RefList Utilities Help

                                Move/Copy Utility

Option ==>

    C Copy data set or member(s)          CP Copy and print
    M Move data set or member(s)          MP Move and print
    L Copy and LMF lock member(s)         LP Copy, LMF lock, and print
    P LMF Promote data set or member(s)   PP LMF Promote and print

Specify "From" Data Set below, then press Enter key

From ISPF Library:
  Project . . . MTPL004          (--- Options C, CP, L, and LP only ---)
  Group . . . TEST              . . . . .
  Type . . . SAMPLE
  Member . . .

(Blank or pattern for member list, "*" for all members)

From Other Partitioned or Sequential Data Set:
  Data Set Name . . .
  Volume Serial . . .          (If not cataloged)

Data Set Password. . .        (If password protected)
```

Figure: 7.9. Move/Copy Utility (Option 3.3)

Move/Copy Utility Options

The following sections are the options shown on the Move/Copy Utility panel .

- **C and CP — Copying Data Sets**
- **M and MP — Moving Data Sets**
- **L and LP — Copying and Locking Data Sets**
- **P and PP — Promoting Data Sets**
- **V — VSAM Utilities**

Figure: 7.10 Move/Copy Utility Options

Data Set List Utility (Option 3.4)

```
Menu RefList RefMode Utilities Help

                                Data Set List Utility

Option ===>

    blank Display data set list          P      Print data set list
      V Display VTOC information          PV     Print VTOC information

Enter one or both of the parameters below:
Dsname Level . . . MTPL004
Volume serial . . .

Data set list options
Initial View . . . 1  1. Volume          Enter "/" to select option
                     2. Space            / Confirm Data Set Delete
                     3. Attrib           / Confirm Member Delete
                     4. Total

When the data set list is displayed, enter either:
"/" On the data set list command field for the command prompt pop-up,
An ISPF line command, the name of a TSO command, CLIST, or REXX exec, or
"=" To execute the previous command.
```

Figure: 7.11. Data Set List Utility (Option 3.4)

Data Set List Utility Panel Fields

The following sections are the options shown on this panel.

- **Dsname Level**
- **Volume Serial**
- **Initial View**

Figure: 7.12 Data Set List Utility Panel Fields

Data Set List Utility Options

Leave the Option line blank to display a data set list. Also, you must do the following:

1. Enter one or more data set name level qualifiers in the Dsname Level field.
2. Enter a volume serial in the Volume field if you want ISPF to create a data set list from the VTOC. If you leave this field blank, the list is created from the catalog.
3. In the Initial View field, enter the view of the data set list—Volume, Space, Attributes, or Total—that you want to see first.
4. Enter a slash (/) in the Confirm Delete field to tell ISPF to display a confirmation panel if you enter the D (delete data set) line command or the TSO DELETE command.
5. Enter a slash (/) in the Confirm Member Delete field to tell ISPF to display a confirmation panel if you enter the D (delete) command for a member in a data set list.
6. Press Enter to display the data set list.

Figure: 7.13. Data Set List Utility Options

Notes:

- If a plus displays after the volume serial (for example, HSM020+) on a list obtained from the catalog, the data set spans multiple volumes. Information displayed about that data set by selecting Information or Short Information or by using the Space or Total view will represent the total amounts across all used volumes.
- When a VTOC list is displayed and a multivolume data set is included on that volume, there will not be an indicator that this data set spans multiple volumes, and the information on a space or total view will be for that volume only. The information displayed on a VTOC list is only information obtained from the VTOC of that volume. When the multivolume data set is selected for information or for short information, the space information will be for all volumes that the data set spans.

Data Set List Utility Line Commands

- **Commands may be block from (CC, MM, RR, DD) with each defining a beginning and ending range.**
- **Commands may be an operation with a count of following lines.**
- **Without a count or block the command applies only to one line.**

Figure: 7.14. Data Set List Utility Line Commands

TYPE	COMMAND	PURPOSE
COPY	C, CC, CX	Copy one or more lines
MOVE	M, MM, Mx	Move one or more lines
INSERT	I, Ix	Insert one or more lines
DELETE	D, DD, Dx	Delete one or more lines
REPEAT	R, RR, Rx	Repeat (Duplicate) one or more lines
AFTER, BEFORE, OVER	A, B, O	Used with COPY/MOVE for placement
EXCLUDE	X, XX Xn	Exclude (protect) lines from commands
SHOW	S, Sx	Show lines that were excluded
FIRST	F, Fx	Show only the first x lines that were Excluded
LAST	L, Lx	ditto, but the LAST lines
COLUMNS	COLS	Display the numbered line on the Screen
TABS	TABS	Display the tab positions
CAPS	UC, LC	Change to Upper/Lower case Characters

SuperC Utility (Option 3.12)

```
Menu RefList Utilities Help

                                SuperC Compare Utility - New Data Set
Command ===>

Specify "New" Data Set to be compared, then press the ENTER key.

Project . . .
Group . . . . .
Type . . . . .
Member . . . (Blank or pattern for member selection list,
              "*" For all members)

"New" Other Partitioned or Sequential Data Set:
  Data Set Name . . .
  Volume Serial . . . (If not cataloged)

Profile DS Name . . .
Data Set Password. . . (If new data set password protected)

Enter "/" to select option      Execution Mode      Output Mode
Mixed Mode                      1 1. Foreground  1 1. View
                                2. Batch              2. Browse
```

Figure: 7.16. SuperC Utility (Option 3.12)

SuperC Utility

Specify the name of an old data set. The type of old data set that you can specify depends on the type of new data set you specified on the previous panel. For example, you can compare :

- **A complete new PDS to a complete old PDS**
- **A new sequential data set to :**
 - **An old sequential data set**
 - **An old membered PDS**
- **A new membered PDS to an old sequential data set.**

In this context, the term membered PDS refers to a PDS for which a single member has been specified,

such as : USERID.TEST.SCRIPT(NEWDATA)

Figure: 7.17 SuperC Utility

SuperCE Utility (Option 3.13)

```
Menu Utilities Options Help

                                SuperCE Utility

Command ==>

New DS Name   . . .
Old DS Name   . . .
PDS Member List      (blank/pattern - member list, * - compare all)
                    (Leave New/Old DSN "blank" for concatenated-uncataloged-password panel)

Compare Type      Listing Type      Display Output
2 1. File          2 1. OVSUM          1 1. Yes
   2. Line          2. Delta            2. No
   3. Word          3. CHNG             3. Cond
   4. Byte          4. Long              4. UPD
                   5. Nolist

Listing DSN   . . . . SUPERC.LIST
Process Options. . .

Statements Dsn . . .
Update DSN . . . .

Execution Mode . . . 1 1. Foreground      Output Mode. . 1 1. View
                   2. Batch                2. Browse
```

Figure: 7.18. SuperCE Utility (Option 3.13)

SuperCE Utility Options

The following sections are the Execution Mode options shown on the SuperCE Utility panel.

- **Foreground Compare Data Sets**
- **Batch Submit Batch Data Set Compare**
- **Initial View**

Figure: 7.19 SuperCE Utility Options

Search-For Utility (Option 3.14)

```
Menu RefList Utilities Help

                                Search-For Utility

Command ==>

Search String . . .

ISPF Library:
  Project . . .
  Group . . . . . . . . . . . . . . .
  Type . . . .
  Member . . . (Blank or pattern for member selection list,
                "*" for all members)

Other Partitioned or Sequential Data Set:
  Data Set Name . . .
  Volume Serial . . . (If not cataloged)

Listing Data Set . . . SRCHFOR.LIST
Data Set Password. . . (If Search-For data set password protected)

Enter "/" to select option      Execution Mode      Output Mode
Specify additional search strings 1 1. Foreground 1 1. View
Mixed Mode                      2. Batch          2. Browse
```

Figure: 7.20 Search-For Utility (Option 3.14)

Search-For Strings and Keywords

Enter the strings that you want SuperC to find. When you press Enter, SuperC looks for the strings without regard to whether they appear in uppercase or lowercase in the original data set. If you are searching a partitioned data set concatenation, SuperC will inform you (in the CONCAT# field in the listing) in which group it first found the string. If you want SuperC to search all the groups for each member, you can use the SDUPM process option of Extended Search-For (option 3.13.S). If you want the search to distinguish between uppercase and lowercase, you must use the Extended Search-For utility (option 3.13.S). If any of the strings are found (string-1 OR string-2 OR string-3) on the line, SuperC considers the condition met. You can restrict SuperC searches further by using one of the SuperC Search-for keywords

Figure: 7.21 Search-For Strings and Keywords

Unit Summary

This chapter explains how to use the Option 3 on the ISPF panel and to go about Utilities.

Figure: 7.22 Unit Summary