

Unit 8: TSO SDSF

Objectives

- **SDSF Primary Option Menu – 1**
- **SDSF Primary Option Menu – 2**
- **SDSF – Job Output**
- **SDSF – Job Data set Output**
- **Basic Job Output**
- **SDSF – Commands**
- **Capture Output – Allocate -1**

Figure: 8.1 Objectives

SDSF Primary Option Menu – 1

V1R4M0-----SDSF PRIMARY OPTION MENU-----

COMMAND INPUT ==>

SCROLL ===>PAGE

Type an option or command and press Enter.

DA	-Display active users of the system
I	-Display jobs in the Jes2 input queue
O	-Display jobs in the Jes2 output queue
H	-Display jobs in the Jes2 held output queue
TUTOR	-short course on SDSF (ISPF only)
END	-Exit SDSF

F1=HELP	F2=SPLIT	F3=END	F4=RETURN	F5=FIND	F6=BOOK
F7=UP	F8=DOWN	F9=SWAP	F10=LEFT	F11=RIGHT	F12=RETRIEVE

Figure: 8.2 SDSF Primary Option Menu – 1

Notes:

This is a basic SDSF primary option menu. This menu does not offer all of the SDSF facilities.

This level of the options might be available to general users.

SDSF Primary Option Menu – 2

```
----- SDSF PRIMARY OPTION MENU-----
--
COMMAND INPUT =====>                                SCROLL=====>PAGE

LOG          -DISPLAY SYSTEM LOG
DA           -DISPLAY ACTIVE USERS OF SYSTEM
I           -DISPLAY JOBS IN THE JES2 INPUT QUEUE
O           -DISPLAY JOBS IN THE OUPUT QUEUE
H           -DISPLAY JOBS IN THE JES2 HELD OUPUT QUEUE
ST          -DISPLAY STATUS OF THE JOBS IN THE JES2 QUEUE
PR          -DISPLAY JES2 PRINTERS ON THIS SYSTEM
INIT        -DISPLAY JES2 INITIATORS ON THIS SYSTEM
MAS         -DISPLAY JES2 MEMBERS IN THE MAS
INPUT       -ALLOW DISPLAY OF SYSIN DATA SETS
ULOG        -DISPLAY USER SESSION LOG
WHO         -DISPLAY USER ID, LOGON PROC NAME
END         -TO TERMINATE SDSF
```

Figure: 8.3 SDSF Primary Option Menu – 2

Notes:

This is a SDSF primary option menu with many options.
These options are more for operations and the technical support.
The most common use of SDSF is to view job output.
To find jobs with Held SYSOUT data, enter an H in the command line.

SDSF – Job Output

SDSF HELD OUTPUT DISPLAY ALL CLASSES 623 LINES LINE 1-4 (4)

COMMAND INPUT=====>

SCROLL=====>PAGE

NP	JOBNAME	JOBID	OWNER	PRTY	C	ODSIP	DEST	TOT-REC	TOT-P
	V\$CCJE	TSU08932	V\$1CCJE	144	Z	HOLD	LOCAL	266	
	V\$CCJE1	TSU09036	V\$1CCJE	144	Z	HOLD	LOCAL	75	
	V\$CCJE1	TSU09038	V\$1CCJE	144	Z	HOLD	LOCAL	73	
	V\$CCJE1	TSU09039	V\$1CCJE	144	Z	HOLD	LOCAL	209	

F1=HELP F2=SPLIT F3=END F4=RETURN F5=FIND F6=BOOK
F7=UP F8=DOWN F9=SWAP F10=LEFT F11=RIGHT
F12=RETRIEVE

Figure:8.4 SDSF – Job Output

Notes:

This is a list of jobs in the Held Output that have a job name of V\$1CCJEx.

This is a TSO userid plus one character.

A job may have three or more SYSOUT (print/punch) data sets.

To view all data sets for a job, enter an S next to the job name in the NP field and press ENTER.

SDSF – Job Data set Output

SDSF JOB DATA SET DISPLAY - JOB V\$1CCJE1 (JOB09039) LINE 1-7 (7)

COMMAND INPUT=====>

SCROLL=====>PAGE

NP	DDNAME	STEPNAME	PROCSTEP	DSID	OWNER	C	DEST	REC-CNT	PAGE
	JESMSG LG	JES2		2	V\$1CCJE	Q	LOCAL	15	
	JESJCL	JES2		3	V\$1CCJE	Q	LOCAL	58	
	JESYSMSG	JES2		4	V\$1CCJE	Q	LOCAL	66	
	SYS PRINT	COPY		101	V\$1CCJE	Q	LOCAL	20	
	SYS PRINT	COPY		102	V\$1CCJE	Q	LOCAL	24	
	SYS PRINT	GENER		103	V\$1CCJE	Q	LOCAL	11	
	SYSUT2	JES2		2	V\$1CCJE	Q	LOCAL	15	

F1=HELP	F2=SPLIT	F3=END	F4=RETURN	F5=FIND	F6=BOOK
F7=UP	F8=DOWN	F9=SWAP	F10=LEFT	F11=RIGHT	F12=RETRIEVE

Figure: 8.5 SDSF – Job Data set Output

Notes:

This is a data set list for a job.

The first three data set are standard (LOG, JCL and Message).

The other data sets represent output created during job execution.

The number, name, and size of the job execution data sets vary by job.

To view any one of these data sets, enter an S in the NP field.

Basic Job Output

```

SDSF OUTPUT DISPLAY V$1CCJEX JOB09042 DSID    2 LIENE 0    COLUMNS 02- 81
COMMAND INPUT=====>                                SCROLL=====>PAGE
*****TOP OF DATA*****
      JES2 JOBLOG -- SYSTEM MVS1 -- N O D E

11.46.10 JOB09042 IRR010I USERID V$1CCJE IS ASSIGNED TO THIS JOB.
11.46.10 JOB09042 ICH7001I V$1CCJE LAST ACCESS AT 11:43:47 ON SATURDAY, DECEM
11.46.10 JOB09042 $HASP373 V$1CCJEX STARTED - INIT 1-CLASS A - SYS MV1
11.46.10 JOB09042 IEF404I V$1CCJEX STARTED - TIME=11.46.10
11.46.10 JOB09042 IEF404I V$1CCJEX ENDED   - TIME=11.46.10
11.46.10 JOB09042 $HASP395 V$1CCJEX ENDED
-----JES2 JOB STATISTICS-----
      02 DEC 2002 JOB EXECUTION DATE
            4 CARDS READ
            24 SYSOUT PRINT RECORDS
            0 SYSOUT PUNCH RECORDS
            0 SYSOUT SPOOL RECORDS
            0.00 MINUTES EXECUTION TIME
      1 //V$1CCJEX JOB (33018131CC@130), 'TEAMJE H3838 JOB..',MSGLEVEL=(1,1),
        //      MSGCLASS=Q,CLASS=A,NOTIFY=V$1CCJE,REGION=1M
      2 //TEST EXEC PGM=IEFBR14

IEF142I V$1CCJEX TEST - STEP WAS EXECUTED - COND CODE 0000
IEF373I STEP /TEST      /START 95336.1146
IEF374I STEP /TEST      /STOP  95336.1146 CPU   0MIN 00.01SEC SRB   0MIN 00.00S
IEF373I JOB /V$1CCJEX   /START 95336.1146
IEF373I JOB /V$1CCJEX   /START 95336.1146 CPU   0MIN 00.01SEC SRB   0MIN 00.00S

*****BOTTOM OF DATA*****

```

Figure: 8.6 SDSF – Job Data set Output

Notes:

This screen displays the standard three data sets.
 This was a very simple job.

SDSF – Commands

```

SDSF HELD OUTPUT DISPLAY ALL CLASSES 623          LINES LINE 1-4 (4)

COMMAND INPUT=====>                          SCROLL=====>PAGE

NP JOBNAME JOBID      OWNER   PRTY C ODSIP DEST      TOT-REC TOT-P
V$CCJE  TSU08932 V$1CCJE 144   Z HOLD  LOCAL      266
V$CCJE1 TSU09036 V$1CCJE 144   Z HOLD  LOCAL       75
V$CCJE1 TSU09038 V$1CCJE 144   Z HOLD  LOCAL       73
V$CCJE1 TSU09039 V$1CCJE 144   Z HOLD  LOCAL      209

```

```

F1=HELP  F2=SPLIT  F3=END    F4=RETURN  F5=FIND  F6=BOOK
F7=UP    F8=DOWN   F9=SWAP   F10=LEFT   F11=RIGHT F12=RETRIEVE

```

Figure:8.7 SDSF – Commands

Notes:

SDSF action may be used to request special action for a particular entry. The result of action characters is similar to that of JES2 commands.

Enter an SDSF action character in the NP column of a particular entry line.

Examples of SDSF action commands

- A Release a held job or output
- C Cancel a job or purge output
- H Hold a job or output
- O Release held output
- P Purge output, or stops a printer or initiator
- S Browse output
- ? Display the jes2 data sets for a job

Capture Output – Allocate -1

```
Menu      RefList    Utilities  help
-----
Option ==> A

  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
Blank data set information    M Enhanced data set allocation
                             V VSAM Utilities

ISPF Library:
  Project . . . V$1CCJE
  Group   . . . JOB
  Type    . . . LIST

Other portioned, sequential or VSAM Data set:
  Data set name . . .
  Volume serial . . . (If not cataloged, required for option "C")

Data set password. .      (If password protected)

F1=HELP  F2=SPLIT      F3=EXIT  F7=BACKWARD  F8=FORWARD
F9=SWAP  F10=ACTIONS   F12=CANCEL
```

Figure: 8.8 Capture Output – Allocate -1

Notes:

Two ways to capture some or all of a job's output for later use are====>

This series of visuals will provide a basic process to capture output.

The easy way is to use the XDC action characters.

There are several forms of X action character. They are:

X Open SYSOUT and print to it.

XC Open SYSOUT and print to it, and then close.

XD Display a panel to open a data set and print after the panel is completed.

XF Display a panel to open a file and print after the panel is completed.

XS Display a panel to open sysout and print after the panel is completed.

XDC Display a panel to open a data set, print after the panel is completed, then close the data set.

XFC Display a panel to open a file, print after the panel is completed, then close the file.

XSC Display a panel to open a sysout, print after the panel is completed, then close sysout.

Unit Summary

- **This chapter explains about TSO SDSF option menus and their requirements.**
- **This chapter explains how to see the job output after job has been submitted.**

Figure: 8.9 unit summary