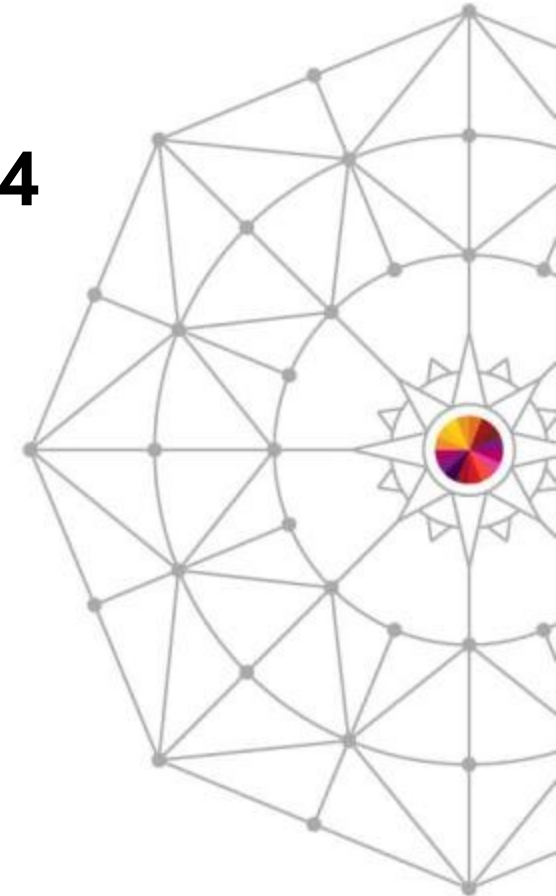


SDSF Hidden Treasures

SHARE in Anaheim, Winter 2014



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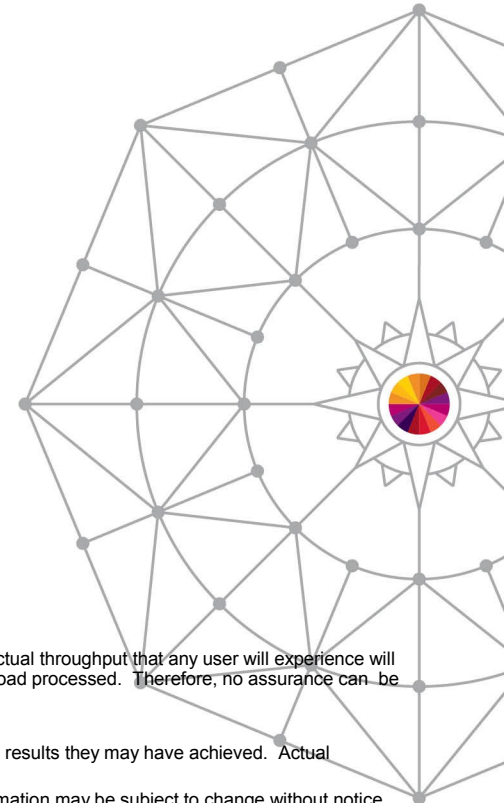
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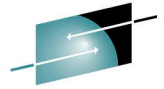
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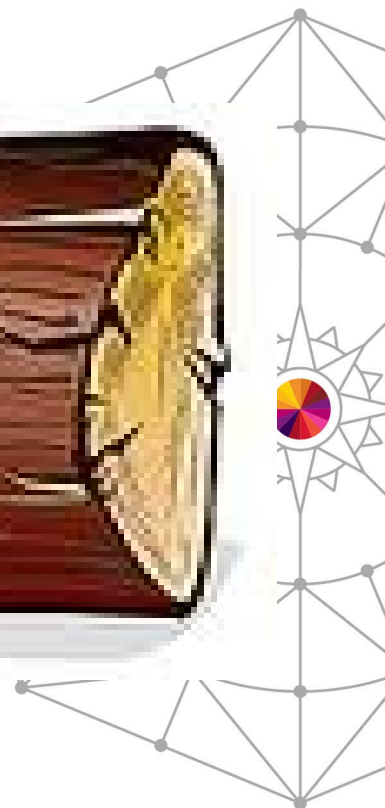
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View the System Log

- View the system log online (**LOG S**)
- View a merged sysplex log (**LOG O**)

```
COMMAND INPUT===> FIND HASP395 SCROLL===> CSR
N 4000000 SY1 2013203 16:37:20.94 JOB231 395 DIANAM ENDE
NC0000000 SY1 2013203 16:37:21.33 INTERN 6.37.21 JOB2318
N 0000000 SY1 2013203 16:37:21.37 TSU21704 00000081 IEF126I RIMFIRE - LO
N 4000000 SY1 2013203 16:37:21.37 TSU21704 00000091 $HASP395 RIMFIRE END
N 0000000 SY1 2013203 16:37:26.65 00000291 IEA989I SLIP TRAP ID=X33
N 0200000 SY1 2013203 16:37:29.08 JOB23211 00000081 $HASP100 D96CLW1C ON
8000000 SY1 01.10.09 STC17351 *60 DSI802A CNM03 REPLY WITH VALID NCCE SY
8000000 SY1 01.04.42 *57 DSI802A M03AO REPLY WITH
0002000 SY1 01.49.45 STC15235 *12 DENQ002D ENQ Mon
***** BOTTOM OF DATA *****
```

Search log data

WTORs listed below the log data

Locating records by time/date

- LOCATE command can find records in log by time or time and date

```

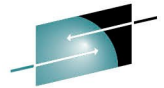
COMMAND INPUT==> LOC 16:37:00
N 4000000 SY1 2013223 16:37:20.94 JOB23185 00000000 IEF126I RIMFIRE - LO
NC0000000 SY1 2013223 16:37:21.33 INTERNAL 00000000
N 0000000 SY1 2013223 16:37:21.37 TSU21704 00000081 IEF126I RIMFIRE - LO
N 4000000 SY1 2013223 16:37:21.37 TSU21704 00000091 $HASP395 RIMFIRE END
N 0000000 SY1 2013218 16:37:20.94 JOB23185 00000000 IEF126I RIMFIRE - LO
NC0000000 SY1 2013218 16:37:21.33 INTERNAL 00000000
N 0000000 SY1 2013218 16:37:21.37 TSU21704 00000081 IEF126I RIMFIRE - LO
N 4000000 SY1 2013218 16:37:21.37 TSU21704 00000091 $HASP395 RIMFIRE END
N 0000000 SY1 2013218 16:37:26.65 00000291 IEA989I SLIP TRAP ID=X33
N 0200000 SY1 2013218 16:37:29.08 JOB23211 00000081 $HASP100 D96CLW1C ON
  
```

Find 16:37:00 today

Find 16:37:00 on 8/5

Date and time format

- Time format is always hh:mm:ss
- Date format uses SET DATE value to distinguish month from day
 - 08/05/2013 or 2013/08/05 are equivalent
 - Any of the valid separators can be used (slash(/) dash(-) period(.))
- Syntax is **SET DATE *format separator***
 - ***format*** is mmddyy, ddmmyy, yyymmdd, etc. and controls display format as well as LOCATE syntax
 - ***separator*** is one of / - or .

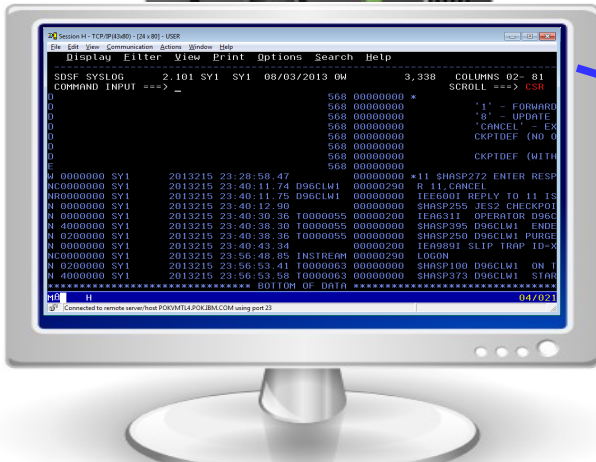


SDSF SYSLOG display (LOG S)

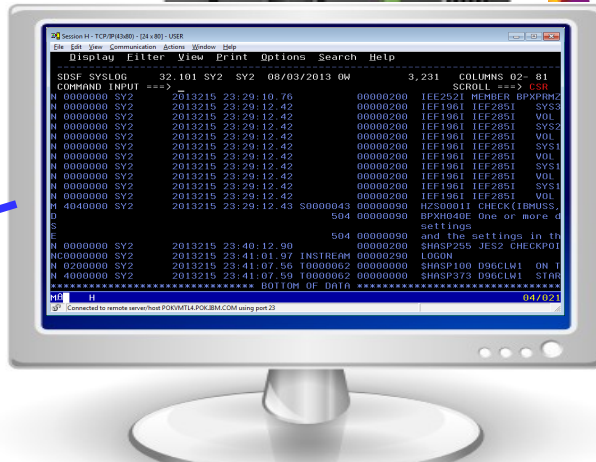
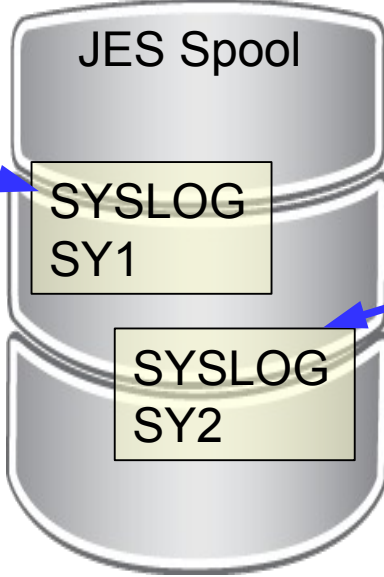
SYSLOG for each system is stored separately on the JES SPOOL

SY1

SY2



LOG S (SYSLOG)



LOG S (SYSLOG)

LOG S (Syslog)

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF SYSLOG      2.101 SY1  SY1  08/03/2013 1W      3,240  COLUMNS 02- 81
COMMAND INPUT ==>
SCROLL ==> CSR
N 4000000 SY1      2013215 21:28:43.68 T0000055 00000000 $HASP373 D96CLW1 STAR
M 4040000 SY1      2013215 21:29:27.27                00000000 IXC104I SYSTEM STATUS
D                                514 00000000 SYSTEM CANNOT TARGET
D                                514 00000000 REASON: SYSPLEX CO
D                                514 00000000 SYSTEM IS NOT ELIGIB
E                                514 00000000 REASON: SYSPLEX CO
NC0000000 SY1      2013215 21:38:04.70 C3E0SY1 00000290 V OPERLOG,HARDCPY
N 0000000 SY1      2013215 21:38:04.88                00000200 IEA630I OPERATOR *OPL
NC0000000 SY1      2013215 21:38:05.01 C3E0SY1 00000290 D C,HC,L=Z
MR0000000 SY1      2013215 21:38:05.02 C3E0SY1 00000090 CNZ4100I 21.38.05 CONS
LR                                520 00000090 CONSOLES MATCHING COMM
LR                                520 00000090 MSG:CURR=2 LIM=9900
DR                                520 00000090 HARDCOPY LOG=(SYSLOG,
DR                                520 00000090 ROUT=(ALL)
ER                                520 00000090 LOG BUFFERS IN USE: 0
M 0040000 SY1      2013215 21:38:05.24                00000200 IXL014I IXLCONN REQUES
D                                521 00000200 WAS SUCCESSFUL. JOBNA
E                                521 00000200 CONNECTOR NAME: IXGLOG
0000000 SY2      22.03.10          *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$H
*****
***** BOTTOM OF DATA *****

```

SYSID of system being viewed

SYSID of local system

WTORs from all systems are displayed

Viewing SYSLOG for other systems

```

Display Filter View Print Options Search Help
-----
SDSF SYSLOG      32.101 SY2  SY1  08/03/2013 1W      3,163  COLUMNS 02- 81
COMMAND INPUT ==> sysid sy2          SCROLL ==> CSR

D           460 00000200      CFNAME:
D           460 00000200      ALLOCATION SIZE:
D           460 00000200      MAX STRUCTURE SIZE:
D           460 00000200      POLICY SIZE:
D           460 00000200      ENTRY COUNT:
D           460 00000200      ELEMENT COUNT:
D           460 00000200      ENTRY:ELEMENT RATIO:
E           460 00000200      ALLOCATION SIZE IS WIT
M 0040000 SY2      2013215 21:37:40.57      00000200      IXL014I IXLCONN REQUES
D           461 00000200      WAS SUCCESSFUL.  JOBNA
E           461 00000200      CONNECTOR NAME: IXGLOG
M C000000 SY2      2013215 21:37:40.57      00000200      IXL015I STRUCTURE ALLO
D           462 00000200      STRUCTURE LIST01, CONN
D           462 00000200      CONNECTIVITY=DEFAULT
D           462 00000200      CFNAME      ALLOCATION
D           462 00000200      -----      -----
D           462 00000200      LF02      NO CONNECT
E           462 00000200      LF01      STRUCTURE

0000000 SY2      22.03.10      *10 $HASP272 ENTER RESPONSE (ISSUE D R,$H
*****k***** BOTTOM OF DATA *****

```

SYSID of system being viewed

SYSID of local system

WTORs from all systems are displayed

Viewing SYSLOG from other panels

Display Filter View Print Options Search Help

SDSF STATUS DISPLAY ALL CLASSES LINE 1-16 (33)
 COMMAND INPUT ==> SCROLL ==> CSR
 PREFIX=* DEST=LOCAL OWNER=* SYSNAME=
 ACTION=//, =, +, ?, A, C, CA, CD, CDA, D, DL, E, EC, ES, ESH, H, I, J, JD, JM, L, LL, O, P, PO, PP, Q, S,
 ACTION=SB, SE, SJ, W, X, XC, XD, XDC, XF, XFC, XS, XSC

NP	JOBNAME	JobID	Owner	Prty	Queue	C	Pos	SAff	ASys	Status
	D96CLW1	T0000031	D96CLW1	15	EXECUTION			SY1	SY1	
S	SYSLOG	S0000002	+MASTER+	15	EXECUTION			SY1	SY1	
	RMF	S0000004	SYSTASK	15	EXECUTION			SY1	SY1	
	TCAS	S0								
	VTAM44	S0								
	TCPIPALP	S0000008	SYSTASK	15	EXECUTION			SY1	SY1	
	SDSF	S0000010	SDSF	15	EXECUTION			SY1	SY1	
	PRIMEPSA	S0000011	SYSTASK	15	EXECUTION			SY1	SY1	
	HZSPROC	S0000013	SYSTASK	15	EXECUTION			SY1	SY1	
	INIT	S0000017	SYSTASK	15	EXECUTION			SY1	SY1	
	INIT	S0000018	SYSTASK	15	EXECUTION			SY1	SY1	
	INIT	S0000019	SYSTASK	15	EXECUTION			SY1	SY1	
	INIT	S0000020	SYSTASK	15	EXECUTION			SY1	SY1	
	INIT	S0000021	SYSTASK	15	EXECUTION			SY1	SY1	
	INIT	S0000022	SYSTASK	15	EXECUTION			SY1	SY1	
	INIT	S0000023	SYSTASK	15	EXECUTION			SY1	SY1	

Browse or edit SYSLOG STC from ST or O panels

Viewing SYSLOG from other panels

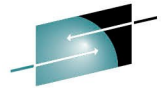
Display Filter View Print Options Search Help

SDSF DA MA32 SY1 PAG 0 CPU/L/Z 1/ 1/ 0 LINE 1-16 (50)
 COMMAND INPUT ==> SCROLL ==> CSR

PREFIX=* DEST=LOCAL OWNER=* SORT=ASID/A SYSNAME=
 ACTION=//, =, +, ?, A, C, CA, CD, CDA, D, DL, E, EC, ES, ESH, H, JD, JM, JY, K, KD, L, LL, P, PP, Q, R,
 ACTION=RQ, S, SB, SE, SJ, W, X, XC, XD, XDC, XF, XFC, XS, XSC, Y, Z

NP	JOBNAME	StepName	ProcStep	JobID	Owner	C	Pos	DP	Real	Paging	SIO
se	*MASTER*			S0000002	+MASTER+	NS	FF	1272	0.00	0.00	
	PCAUTH	PCAUTH				NS	FF	123	0.00	0.00	
	RASP	RASP				NS	FF	386	0.00	0.00	
	TRACE	TR						1155	0.00	0.00	
	DUMPSRV	DUMPSRV	DUMPSRV			NS	FF	369	0.00	0.00	
	XCFAS	XCFAS	IEFPROC			NS	FF	4110	0.00	0.00	
	GRS	GRS				NS	FF	1900	0.00	0.00	
	SMSPDSE	SMSPDSE				NS	FF	1252	0.00	0.00	
	CONSOLE	CONSOLE				NS	FF	2511	0.00	0.00	
	WLM	WLM	IEFPROC			NS	FF	1270	0.00	0.00	
	ANTMAIN	ANTMAIN	IEFPROC			NS	FF	280	0.00	0.00	
	ANTAS000	ANTAS000	IEFPROC			NS	FE	285	0.00	0.00	
	DEVMAN	DEVMAN	IEFPROC			NS	FF	112	0.00	0.00	
	GTZ	GTZ	GTZ			NS	FE	202	0.00	0.00	
	OMVS	OMVS	OMVS			NS	FF	5111	0.00	0.00	
	HZSPROC	HZSPROC	HZSSTEP	S0000013	SYSTASK	NS	FE	4840	0.00	0.00	

Browse or edit MASTER from DA panel

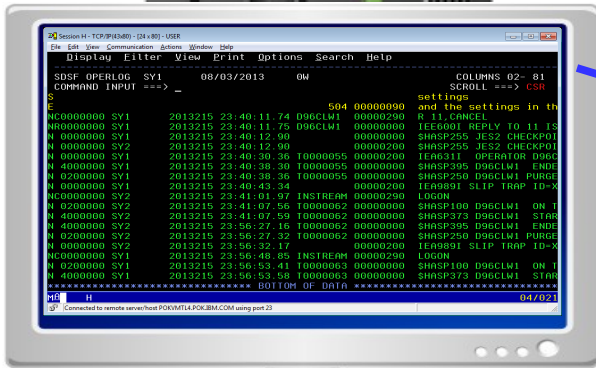


SDSF OPERLOG display (LOG 0)

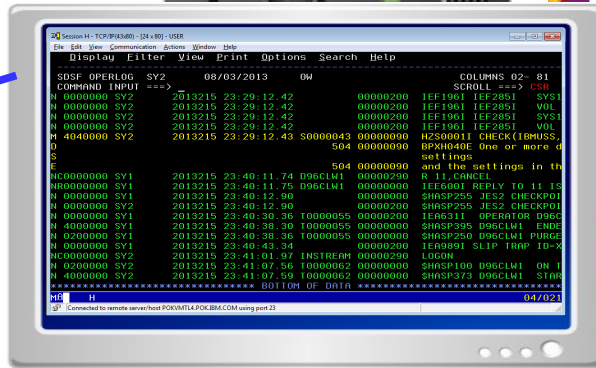
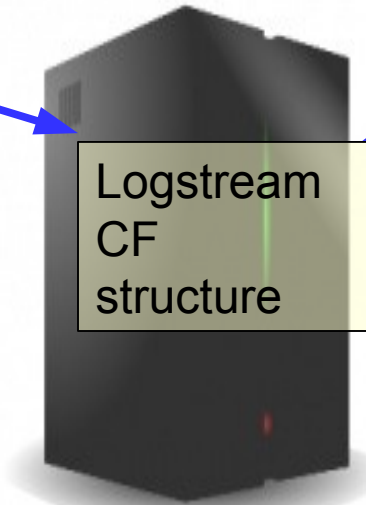
OPERLOG messages are stored in a shared logstream on coupling facility

SY1

SY2



LOG 0 (OPERLOG)



LOG 0 (OPERLOG)

LOG 0 (Operlog)

```

Display Filter View Print of SYSID of local system
-----
SDSF OPERLOG SY1      08/03/2013      1W      COLUMNS 02- 81
COMMAND INPUT ==> _____ SCROLL ==> CSR
E                               461 00000200 CONNECTOR NAME: IXGLOG
M C000000 SY2      2013215 21:37:40.57      00000200 IXL015I STRUCTURE ALLO
D                               462 00000200 STRUCTURE LIST01, CONN
D                               462 00000200 CONNECTIVITY=DEFAULT
D                               462 00000200 CFNAME      ALLOCATION
D                               462 00000200 -----
D                               462 00000200 LF02      NO CONNECT
E                               462 00000200 LF01      STRUCTURE
NC0000000 SY1      2013215 21:38:05.01 C3E0SY1 00000290 D C,HC,L=Z
MR0000000 SY1      2013215 21:38:05.02 C3E0SY1 00000090 CNZ4100I 21.38.05 CONS
LR                               520 00000090 CONSOLES MATCHING COMM
LR                               520 00000090 MSG:CURR=2      LIM=9900
DR                               520 00000090 HARDCOPY LOG=(SYSLOG,
DR                               520 00000090          ROUT=(ALL)
ER                               520 00000090 LOG BUFFERS IN USE: 0
M 0040000 SY1      2013215 21:38:05.24      00000200 IXL014I IXLCONN REQUES
D                               521 00000200 WAS SUCCESSFUL.  JOBNA
E                               521 00000200 CONNECTOR NAME: IXGLOG
0000000 SY2      22.03.10      *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$H
*****
***** BOTTOM OF DATA *****

```

Customizing colors in Operlog display

```

Display Filter View Print Options Search Help
-----
SDSF OPERLOG SY1      08/03/2013      OW      COLUMNS 02- 81
COMMAND INPUT ==> set screen          SCROLL ==> CSR
E
M C000000 SY2      2013215 2
D
D
D
D
D
D
E
NC0000000 SY1      2013215 2
MR0000000 SY1      2013215 2
LR                               520 00000090  CONSOLES MATCHING COMM
LR                               520 00000090  MSG:CURR=2      LIM=9900
DR                               520 00000090  HARDCOPY  LOG=(SYSLOG,
DR                               520 00000090           ROUT=(ALL)
ER                               520 00000090  LOG BUFFERS IN USE: 0
M 0040000 SY1      2013215 21:38:05.24      00000200  IXL014I IXLCONN REQUES
D                               521 00000200  WAS SUCCESSFUL.  JOBNA
E                               521 00000200  CONNECTOR NAME: IXGLOG
0000000 SY2      22.03.10      *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$H
*****
***** BOTTOM OF DATA *****

```

Set Screen Characteristics

Select the elements that you want to customize.

2 1. Basic settings and tabular panels
2. OPERLOG panel

F1=Help F12=Cancel



Customizing colors in Operlog display

```

Display Filter View Print Options Search Help
-----
SDSF OPERLOG
COMMAND
E
M C00000
D
D
D
D
E
NC000000
MR000000
LR
LR
DR
DR
ER
M 004000
D
E
0000000
*****
Set Screen Characteristics: OPERLOG Panel
More: +
Use color and highlighting 1 1. Yes 2. No
Type values to override the original color and highlighting.
Press F5/17 to see changes.
Descriptor code      Color      Highlight  Intensity
1 - System failure
2 - Immediate action required
3 - Eventual action required
4 - System status
5 - Immediate command response RED      USCORE
6 - Job status
7 - Task-related      BLUE
8 - Out of line
9 - Operator's request
10 - Not defined
11 - Critical eventual action
12 - Important information
F1=Help F5=Refresh F6=Default F11=Cuaattr F12=Cancel
*****
***** BOTTOM OF DATA *****

```



Displaying Operlog messages for a single system

Display Filter View Print Options Search Help Number of active filters

SDSF OPERLOG SY1 08/03/2013 OW 1 FILTER COLUMNS 02- 81
 COMMAND INPUT ==> filter sysname eq sy2 SCROLL ==> CSR

E					473	00000090	IXCH0242E One or more
N	0000000	SY2	2013215	22:29:08.57		00000200	IEE252I MEMBER BPXPRMZ
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I SYS3
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I VOL
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I SYS2
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I VOL
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I SYS1
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I VOL
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I SYS1
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I VOL
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I SYS1
N	0000000	SY2	2013215	22:29:10.24		00000200	IEF196I IEF285I VOL
M	4040000	SY2	2013215	22:29:10.25	S0000043	00000090	HZS0001I CHECK(IBMUSS,
D					485	00000090	BPXH040E One or more d
S							settings
E					485	00000090	and the settings in th
NC	0000000	SY2	2013215	22:41:49.47	D96CLW1	00000290	R 10,CANCEL
NR	0000000	SY2	2013215	22:41:49.48	D96CLW1	00000000	IEE600I REPLY TO 10 IS
N	0000000	SY2	2013215	22:41:50.62		00000000	\$HASP255 JES2 CHECKPOI

Displaying Operlog messages for a single job

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF OPERLOG  SY1      08/14/2013      OW      1  FILTER      COLUMNS 02- 81
COMMAND INPUT ==>> filter jobid eq job31268          SCROLL ==>> CSR
N 0200000 AQFT      13226 13:53:08.13 JOB31268 00000281 $HASP250 FTP PURGED -- (
N 0200000 AQFT      13227 08:27:36.75 JOB31268 00000281 $HASP100 D96CLW1G ON INT
S                                     D96CLW1
N 0000000 AQFT      13227 08:27:36.76 JOB31268 00000280 IRR010I  USERID D96CLW1
N 0020000 AQTS      13227 08:27:37.55 JOB31268 00000281 ICH70001I D96CLW1  LAST
N 4000000 AQTS      13227 08:27:37.55 JOB31268 00000291 $HASP373 D96CLW1G STARTE
N 0000000 AQTS      13227 08:27:37.56 JOB31268 00000291 IEF403I D96CLW1G - START
N 0004000 AQTS      13227 08:27:39.17 JOB31268 00000290 - =====
S                                     =====
N 0004000 AQTS      13227 08:27:39.17 JOB31268 00000290 -
S                                     -----PA
N 0004000 AQTS      13227 08:27:39.17 JOB31268 00000290 - STEPNAME PROCSTEP PGMN
S                                     EXCP      SERV  PAGE
N 0004000 AQTS      13227 08:27:39.17 JOB31268 00000290 - ISFAACTP PLX      AKHP
S                                     2798      31372      0
N 0004000 AQTS      13227 08:27:40.25 JOB31268 00000290 - ISFAAFD  PLX      AKHP
S                                     2142      30559      0
N 0004000 AQTS      13227 08:27:40.25 JOB31268 00000290 - ISFAAFD  PLX      AKHP
S                                     2081      28131      0

```

Beware: This can be very slow for a large operlog

Filter popup for Operlog

Display Filter
Filter
Row 1 to 9 of 25

```

SDSF OPERLOG S
COMMAND INPUT =
E
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
M 4040000 SY2
          
```

Command ==> _____

Type filter criteria. Press F4/16 in the Column or Oper field for values, or in the Value field for system symbols. Press F11/23 to clear all filter criteria.

Filtering is ON

AND/OR between columns AND (AND/OR)
 AND/OR within a column OR (AND/OR)

Column	Oper	Value (may include * and %)
<u>SYSNAME</u>	<u>EQ</u>	<u>SY2</u>
<u>SYSNAME</u>	<u>EQ</u>	<u>&SYSNAME</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

You can use a system symbolic for the filter value starting in z/OS 2.1

Operlog filterable fields

```

Display Filter          Filter          Row 1 to 9 of 25
-----
SDSF OPERLOG S
COMMAND INPUT =
E
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
N 0000000 SY2
M 4040000 SY2
D
S
E
NC0000000 SY2
NR0000000 SY2
N 0000000 SY2
  
```

Command ==> _____

Type f
field
Press

Filter

AND/OR
AND/OR

Column
SYSNAM

Column Select

Row 1 to 9 of 9

Command ==> _____

Selection: _____

1. SYSNAME
2. DATE
3. TIME
4. DATETIME
5. JOBNAME
6. JOBID
7. CONSOLE
8. MSGID
9. MSGTEXT

***** Bottom of data *****

Tip – Auto-refresh the Log

- New log data is added to the bottom
- & command repeats a command at an interval
- Use “attention” key to stop auto-refresh
 - Make sure you know where that is in your 3270 emulator!!!!

```

COMMAND INPUT==> BOT &15 ←
N 4000000 SY1 2013203 16:37:20.94 JOB23185 000
NC0000000 SY1 2013203 16:37:21.33 INTERNAL 000
N 0000000 SY1 2013203 16:37:21.37 TSU21704 000
N 4000000 SY1 2013203 16:37:21.37 TSU21704 000
N 0000000 SY1 2013203 16:37:26.65 00000291 IEA
N 0200000 SY1 2013203 16:37:29.08 JOB23211 00000081 $HASP100 D96CLWIC ON INT
8000000 SY1 01.10.09 STC17351 *60 DSI802A CNM03 REPLY WITH VALID NCCF SY
8000000 SY1 01.04.42 *57 DSI802A M03AO REPLY WITH VALID NCCF SY
0002000 SY1 01.49.45 STC15235 *12 DENQ002D ENQ Monitor - Reply 'ENQ' or 'E
***** BOTTOM OF DATA *****
  
```

Scroll the log
to the bottom
every 15 seconds

Tip: Emulator

Wide 3270 emulator session shows more data:

```
SDSF SYSLOG 12.101 SY1 SY1 08/06/2013 0W 3021 COLUMNS 1 80
COMMAND INPUT ===> SCROLL ===> CSR
N 4040000 SY1 2013218 09:01:16.49 00000090 CEA0107I COMMON EVENT
M 4040000 SY1 2013218 09:02:07.76 S0000014 00000090 HZS0001I CHECK(IBMCSV,
E 310 00000090 CSVH0957E Problem(s) w
M 4040000 SY1 2013218 09:02:16.61 S0000014 00000090 *HZS0003E CHECK(IBMRACTF
D 311 00000090 IRRH204E The RACF_SENS
```

80-char session

Command line is unchanged

```
SDSF SYSLOG 12.101 SY1 SY1 08/06/2013 0W 3032 COLUMNS 1 132
COMMAND INPUT ===> SCROLL ===> CSR
N 4040000 SY1 2013218 09:01:16.49 00000090 CEA0107I COMMON EVENT ADAPTER IS RUNNING IN FULL FUNCTION MODE.
M 4040000 SY1 2013218 09:02:07.76 S0000014 00000090 HZS0001I CHECK(IBMCSV,CSV_APF_EXISTS): 310
E 310 00000090 CSVH0957E Problem(s) were found with data sets in the APF list.
M 4040000 SY1 2013218 09:02:16.61 S0000014 00000090 *HZS0003E CHECK(IBMRACTF,RACF_SENSITIVE_RESOURCES): 311
D 311 00000090 IRRH204E The RACF_SENSITIVE_RESOURCES check has found one or
```

132-char session

More message text is visible

SR (System Response) Panel

Display Filter View Print Options Search Help

SDSF SYSTEM REQUESTS RM 1 IM 3 CEM 6 EM 74 LINE 68-84 (84)

COMMAND INPUT ==> _____ SCROLL ==> CSR

PREFIX>** DEST=LOCAL OWNER=* SYSNAME=*

ACTION=//-Block,=-Repeat,+--Extend,AI-AutoReplyIgnore,C-Remove,D-Display,R-Reply

NP	REPLYID	SysName	JobName	Message-Text
	23002	SY2	HZSPROC	HZS0002E CHECK (IBMRACF,RACF_UNIX_ID) :
	25002	SY2	HZSPROC	HZS0002E CHECK (IBMRACF,RACF_TEMPDSN_ACTIV
	26002	SY2	HZSPROC	HZS0002E CHECK (IBMRACF,RACF_IBMUSER_REVOK
	27002	SY2	HZSPROC	HZS0002E CHECK (IBMXCF,XCF_CF_PROCESSORS) :
	29002	SY2	HZSPROC	HZS0002E CHECK (IBMXCF,XCF_TCLASS_CLASSLEN
	40002	SY2	HZSPROC	HZS0002E CHECK (IBMRACF,RACF_CERTIFICATE_E
	42002	SY2	HZSPROC	HZS0002E CHECK (IBMCS,CSTCP_CINET_PORTRNG_
	43002	SY2	HZSPROC	*HZS0003E CHECK (IBMRACF,RACF_SENSITIVE_RES
	48002	SY2	HZSPROC	HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG)
	44002	SY2	HZSPROC	HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG)
	47002	SY2	HZSPROC	HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG)
	46002	SY2	HZSPROC	HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG)
	45002	SY2	HZSPROC	HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG)
	52002	SY2	JES2	*\$HASP271 CHECKPOINT RECONFIGURATION OPTIO
	50002	SY2	JES2	*\$HASP233 REASON FOR JES2 CHECKPOINT RECON
	51002	SY2	JES2	*\$HASP285 JES2 CHECKPOINT RECONFIGURATION
	10	SY2	JES2	*10 \$HASP272 ENTER RESPONSE (ISSUE D R,MSG

SR (System Response) Panel

Display Filter View Print Options Search Help

```
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74      LINE 1-1 (1)
COMMAND INPUT ==> sr r                                     SCROLL ==> CSR
PREFIX>**  DEST=LOCAL  OWNER=*  SYSNAME=*
ACTION=//-Block,=-Repeat,+--Extend,AI-AutoReplyIgnore,C-Remove,D-Display,R-Reply
NP      REPLYID      SysName  JobName  Message-Text
        10          SY2      JES2     *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG
```

SR R – displays WTORs only

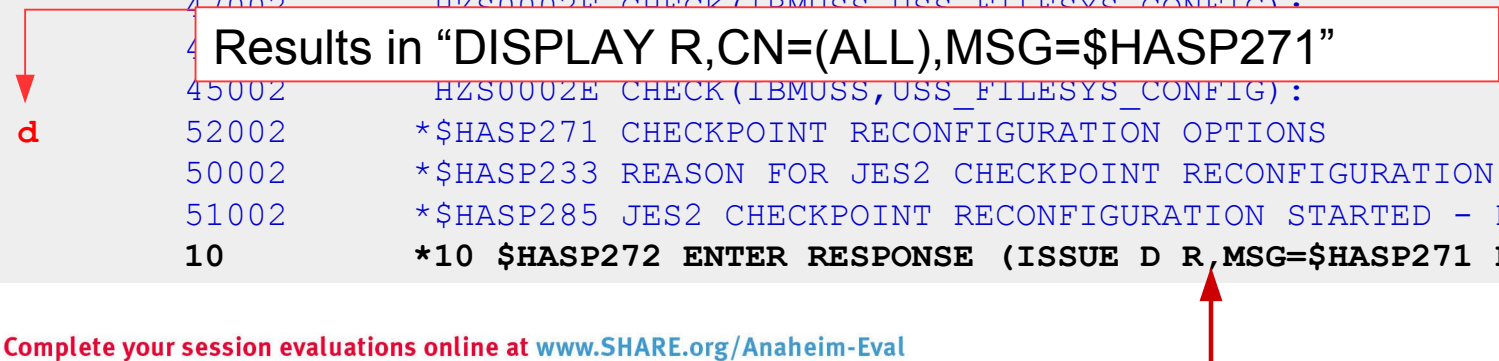
SR panel – Display complete message

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74      LINE 68-84 (84)
COMMAND INPUT ==> _____ SCROLL ==> CSR
PREFIX>**  DEST=LOCAL  OWNER=*  SYSNAME=*
ACTION=//-Block,=-Repeat,+--Extend,AI-AutoReplyIgnore,C-Remove,D-Display,R-Reply
NP      REPLYID    Message-Text
23002   HZS0002E CHECK (IBMRACF,RACF_UNIX_ID) :
25002   HZS0002E CHECK (IBMRACF,RACF_TEMPDSN_ACTIVE) :
26002   HZS0002E CHECK (IBMRACF,RACF_IIBMUSER_REVOKED) :
27002   HZS0002E CHECK (IBMXCF,XCF_CF_PROCESSORS) :
29002   HZS0002E CHECK (IBMXCF,XCF_TCLASS_CLASSLEN) :
40002   HZS0002E CHECK (IBMRACF,RACF_CERTIFICATE_EXPIRATION) :
42002   HZS0002E CHECK (IBMCS,CSTCP_CINET_PORTRNG_RSV_TCPIP) :
43002   *HZS0003E CHECK (IBMRACF,RACF_SENSITIVE_RESOURCES) :
48002   HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG) :
44002   HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG) :
47002   HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG) :
45002   HZS0002E CHECK (IBMUSS,USS_FILESYS_CONFIG) :
d 52002   *$HASP271 CHECKPOINT RECONFIGURATION OPTIONS
50002   *$HASP233 REASON FOR JES2 CHECKPOINT RECONFIGURATION IS OPER
51002   *$HASP285 JES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
10      *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR RELA

```

Results in "DISPLAY R,CN=(ALL),MSG=\$HASP271"



SR panel – Display results

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74      COMMAND ISSUED
COMMAND INPUT ==>> _____ SCROLL ==>> CSR
RESPONSE=SY1
IEE112I 22.21.14 PENDING REQUESTS 532
RM=1      IM=3      CEM=6      EM=74      RU=0      IR=0      AMRF
ID:R/K      T MESSAGE TEXT
      52002 I *$HASP271 CHECKPOINT RECONFIGURATION OPTIONS

                VALID RESPONSES ARE:

                '1' - FORWARD CKPT1 TO NEWCKPT1
                '8' - UPDATE AND START USING CKPT2
                'CANCEL' - EXIT FROM RECONFIGURATION
                CKPTDEF (NO OPERANDS) - DISPLAY MODIFIABLE
                                        SPECIFICATIONS
                CKPTDEF (WITH OPERANDS) - ALTER MODIFIABLE
                                        SPECIFICATIONS

45002      HZS0002E CHECK(IBMUSS,USS_FILESYS_CONFIG) :
52002      *$HASP271 CHECKPOINT RECONFIGURATION OPTIONS
50002      *$HASP233 REASON FOR JES2 CHECKPOINT RECONFIGURATION IS OPER
51002      *$HASP285 JES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
10         *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR RELA

```

SR Panel – Display results (ULOG)

Display Filter View Print Options Search Help

SDSF ULOG CONSOLE D96CLW1 LINE 20 COLUMNS 02- 81
 COMMAND INPUT ==> SCROLL ==> CSR

```

SY1      2013215  22:21:14.89  -DISPLAY R,CN=(ALL),MSG=$HASP271
SY1      2013215  22:21:14.91  IEE112I 22.21.14 PENDING REQUESTS 532
                                     RM=1    IM=3      CEM=6      EM=74    R
                                     ID:R/K    T MESSAGE TEXT
                                     52002 I *$HASP271 CHECKPOINT REC

                                     VALID RESPONSE

                                     '1' - FORWARD
                                     '8' - UPDATE A
                                     'CANCEL' - EXI
                                     CKPTDEF (NO OP

                                     CKPTDEF (WITH
  
```

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



SR panel – reply to message

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74      LINE 68-84 (84)
COMMAND INPUT ==> _____ SCROLL ==> CSR
PREFIX>**  DEST=LOCAL  OWNER=*  SYSNAME=*
ACTION=//-Block,=-Repeat,+--Extend,AI-AutoReplyIgnore,C-Remove,D-Display,R-Reply
NP      REPLYID    Message-Text
26002   HZS0002E CHECK(IBMRA CF,RACF_IBMUSER_REVOKED):
27002   HZS0002E CHECK(IBMXC F,XCF_CF_PROCESSORS):
29002   HZS0002E CHECK(IBMXC F,XCF_TCLASS_CLASSLEN):
40002   HZS0002E CHECK(IBMRA CF,RACF_CERTIFICATE_EXPIRATION):
42002   HZS0002E CHECK(IBMCS,CSTCP_CINET_PORTRNG_RSV_TCPIP):
43002   *HZS0003E CHECK(IBMRA CF,RACF_SENSITIVE_RESOURCES):
48002   HZS0002E CHECK(IBMUS S,USS_FILESYS_CONFIG):
44002   HZS0002E CHECK(IBMUS S,USS_FILESYS_CONFIG):
47002   HZS0002E CHECK(IBMUS S,USS_FILESYS_CONFIG):
46002   HZS0002E CHECK(IBMUS S,USS_FILESYS_CONFIG):
45002   HZS0002E CHECK(IBMUS S,USS_FILESYS_CONFIG):
52002   *$HASP271 CHECKPOINT RECONFIGURATION OPTIONS
50002   *$HASP233 REASON FOR JES2 CHECKPOINT RECONFIGURATION IS OPER
51002   *$HASP285 JES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
r8      10      *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR RELA

```

Results in "r 10,8"

What if the message response is “long”?

```

Display Filter View Print Options Search Help
-----
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74      LINE 68-84 (84)
COMMAND INPUT ==> _____ SCROLL ==> CSR
PREFIX=**  DEST=LOCAL  OWNER=*   SYSNAME=*

Reply Command Extension

*10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR RELATED
MSG)

Complete the reply text, then press Enter.

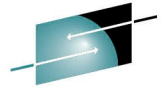
==>  R 10, _____
==>  _____

F1=Help  F12=Cancel

45002      HZS0002E CHECK(IBMUSS,USS_FILESYS_CONFIG) :
52002      *$HASP271 CHECKPOINT RECONFIGURATION OPTIONS
50002      *$HASP233 REASON FOR JES2 CHECKPOINT RECONFIGURATION IS OPER
51002      *$HASP285 JES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
r 10       *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR RELA

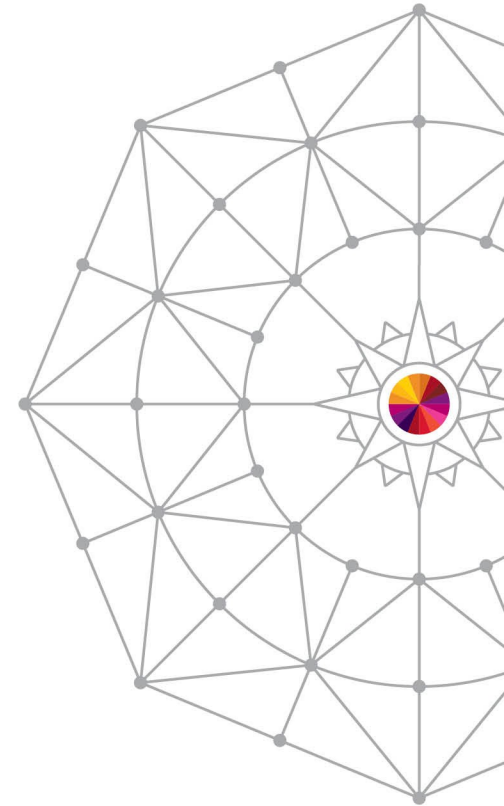
```

Results in reply popup



SHARE
Technology • Connections • Results

Actions and Overtypes



Complete your session evaluations online at www.SHARE.org/Anaheim-Eval



Block commands – action characters

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF OUTPUT ALL CLASSES ALL FORMS          LINES 1,990          LINE 19-36 (38)
COMMAND INPUT ==> _____ SCROLL ==> CSR
PREFIX=**  DEST=LOCAL  OWNER=*  SORT=JobID/A  SYSNAME=*
NP  JOBNAME  JobID  Owner  Prty C Max-RC  Forms  Dest
//p  DEALLOC  S0000034 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000035 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000036 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000037 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000038 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000039 P (purge) action issued for all rows in this range
    DEALLOC  S0000040
    DEALLOC  S0000041 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000042 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000043 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000044 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000045 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000046 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000047 SYSTASK  144 W CC 0000  STD  LOCAL
//  DEALLOC  S0000048 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000049 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000050 SYSTASK  144 W CC 0000  STD  LOCAL
    DEALLOC  S0000051 SYSTASK  144 W CC 0000  STD  LOCAL
  
```

Block commands - overtypes

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF OUTPUT ALL CLASSES ALL FORMS          LINES 1,990          LINE 19-36 (38)
COMMAND INPUT ===> _____ SCROLL ===> CSR
PREFIX=**  DEST=LOCAL  OWNER=*  SORT=JobID/A  SYSNAME=*
NP  JOBNAME  JobID  Owner  Prty C Max-RC  Forms  Dest
//  DEALLOC  S0000034 SYSTASK  144 W CC 0000  STD  LOCAL
//  DEALLOC  S0000035 SYSTASK  144 c CC 0000  STD  LOCAL
DEALLOC  S0000036 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000037 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000038 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000039 Class overtime processed for all rows in this range
DEALLOC  S0000040
DEALLOC  S0000041 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000042 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000043 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000044 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000045 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000046 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000047 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000048 SYSTASK  144 W CC 0000  STD  LOCAL
//  DEALLOC  S0000049 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000050 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000051 SYSTASK  144 W CC 0000  STD  LOCAL
  
```

Block commands – multiple overtypes

Display Filter View Print Options Search Help

SDSF OUTPUT ALL CLASSES ALL FORMS LINES 1,990 LINE 19-36 (38)
COMMAND INPUT ==> _____ SCROLL ==> CSR

PREFIX=** DEST=LOCAL OWNER=* SORT=JobID/A SYSNAME=*

NP	JOBNAME	JobID	Owner	Prt	C	Max-RC	Forms	Dest
	DEALLOC	S0000034	SYSTASK	144	W	CC 0000	STD	LOCAL
//	DEALLOC	S0000035	SYSTASK	144	c	CC 0000	STD	n2.fred
	DEALLOC	S0000036	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000037	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000038	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000039	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000040	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000041	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000042	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000043	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000044	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000045	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000046	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000047	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000048	SYSTASK	144	W	CC 0000	STD	LOCAL
//	DEALLOC	S0000049	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000050	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000051	SYSTASK	144	W	CC 0000	STD	LOCAL

Class and routecode overtype processed for all rows in this range

Command line extension

```

Display Filter View Print Options Search Help
-----
SDSF SYSLOG      2.101 SY1  SY1  08/03/2013 1W          3,240  COLUMNS 02- 81
COMMAND INPUT ==> /setprog apf,add,ddname=isf+          SCROLL ==> CSR
N 4000000 SY1    2013215 21:28:43.68 T0000055 00000000 $HASP373 D96CLW1 STAR
M 4040000 SY1    2013215 21:29:27.27          00000000 IXC104I SYSTEM STATUS
D                               514 00000000 SYSTEM CANNOT TARGET
D                               514 00000000 REASON: SYSDPLEX CO

```

+ indicates extension required and displays popup

System Command Extension

Type or complete typing a system command, then press Enter.

```

==> setprog apf,add,ddname=isf.isfload,vol=us1
==> _____

```

Place the cursor on a command and press Enter to retrieve it.

```

=> D IPLINFO
=> $JDDETAILS
=> $jdhhistory

```

More: +

Previous commands (scrollable)

F1=Help F5=FullScr F7=Backward F8=Forward F11=ClearLst F12=Cancel

Command line extension (full screen)

SDSF - System Command Extension

Type or complete typing a system command, then press Enter.

```
===> setprog apf,add,ddname=isf.isfload,vol=us1
```

Place the cursor on a command and press Enter to retrieve it.

```
=> D IPLINFO  
=> $JDDETAILS  
=> $jdhhistory  
=>  
=>  
=>  
=>  
=>
```

More: +

Wait 1 second to display responses (specify with SET DELAY)
Do not save commands for the next SDSF session

F1=Help F5=Pop-up F7=Backward F8=Forward F11=ClearLst F12=Cancel



Overtyping extension – single field

```

Display  Filter  View  Print  Options  Search  Help
-----
SDSF OUTPUT ALL CLASSES ALL FORMS          LINES 1,990          LINE 19-36 (38)
COMMAND INPUT ===> _____ SCROLL ===> CSR
PREFIX=**  DEST=LOCAL  OWNER=*  SORT=JobID/A  SYSNAME=*
NP  JOBNAME  JobID  Owner  Prty C Max-RC  Forms  Dest
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  +
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  _____  _____  _____  _____  _____  _____  LOCAL
DEALLOC  S0000043 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000044 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000045 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000046 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000047 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000048 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000049 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000050 SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000051 SYSTASK  144 W CC 0000  STD  LOCAL
  
```

Overtyping Extension

Column Dest
Maximum length 18

Type a value.
===> POKVMCR3.CHIPWOOD

F1=Help F12=Cancel

Overtyping extension – multiple/related field

Display Filter View Print Options Search Help

SDSF STATUS DISPLAY ALL CLASSES
 COMMAND INPUT ==>
 PREFIX>** DEST=LOCAL OWNER=* SYSNAME=*
 LINE 1-17 (57)
 SCROLL ==> CSR

NP	JOBNAME	JobID	Owner	Prtv	Queue	C	Pos	SAff	ASys	Status
	D96CLW1							SY1	SY1	
	SYSLOG							+	SY1	
	RMF							SY1	SY1	
	TCPIPALP							SY1	SY1	
	SDSF							SY1	SY1	
	TCAS							SY1	SY1	
	VTAM44							SY1	SY1	
	PRIMEPSA							SY1	SY1	
	HZSPROC							SY1	SY1	
	BPXAS							SY1	SY1	
	INIT							SY1	SY1	
	INIT							SY1	SY1	
	INIT							SY1	SY1	
	INIT							SY1	SY1	
	INIT							SY1	SY1	
	INIT							SY1	SY1	
	INIT							SY1	SY1	
	INIT							SY1	SY1	

Overtyping Extension

Column SAff
Maximum length 10

Type values or use blanks to
erase values.

==> SY1 _____

==> SY2 _____

==> _____

==> _____

==> _____

==> _____

==> _____

F1=Help F12=Cancel

Use ARRANGE to change column widths

Display Filter View Print Options Search Help

SDSF STATUS DISPLAY ALL CLASSES
 COMMAND INPUT ==> arrange ?

PREFIX>** DE

NP JOBNAME
 D96CLW1
 SYSLOG
 RMF
 TCPIPALP
 SDSF
 TCAS
 VTAM44
 PRIMEPSA
 HZSPROC
 BPXAS
 INIT
 INIT
 INIT
 INIT
 INIT
 INIT
 INIT

ARRANGE ? to summon arrange popup
 -or-
 Select **Arrange** from View pulldown

Command ==>

Select a column or block with / or // then type A (after) or B (before) to move. Special function keys:
 F5/17=Refresh list F11/23=Clear input F6/18=Default order

Column	Width	Description
JobID	8	
Owner	8	
Prty	4	
Queue	10	
C	1	
Max-RC	10	
Pos	5	
SAff	5	
ASys	4	
Status	17	
SecLabel	0	

Overtyping width to desired value

Prefix area extension

Display Filter View Print Options Search Help

SDSF OUTPUT ALL CLASSES ALL FORMS LINES 1,990 LINE 19-36 (38)
COMMAND INPUT ==> _____ SCROLL ==> CSR

PREFIX=** DEST=LOCAL OWNER=* SORT=JobID/A SYSNAME=*

NP	JOBNAME	JobID	Owner	Prtty	C	Max-RC	Forms	Dest
↑	DEALLOC	S0000034	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000035	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0					D	LOCAL
	DEALLOC	S0					D	LOCAL
	DEALLOC	S0					D	LOCAL
	DEALLOC	S0					D	LOCAL
	DEALLOC	S0					D	LOCAL
	DEALLOC	S0					D	LOCAL
	DEALLOC	S0					D	LOCAL
	DEALLOC	S0000043	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000044	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000045	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000046	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000047	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000048	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000049	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000050	SYSTASK	144	W	CC 0000	STD	LOCAL
	DEALLOC	S0000051	SYSTASK	144	W	CC 0000	STD	LOCAL

Expands prefix area to maximum size

Maximum size varies by display

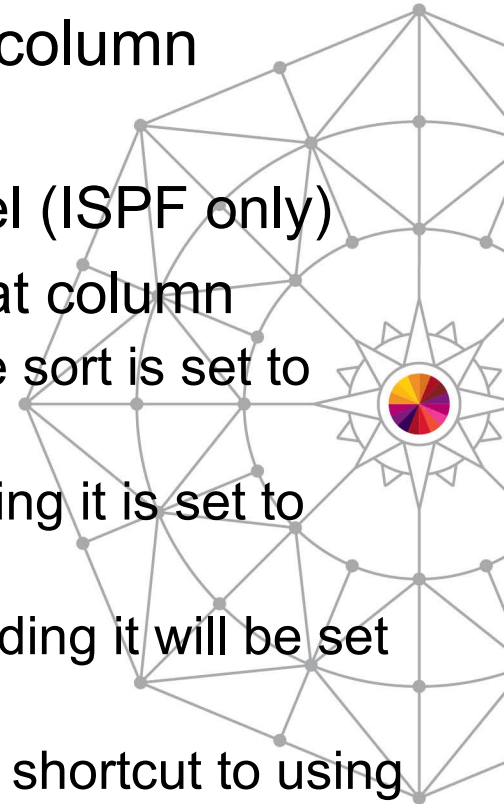
5-8 (most displays)

10 (PRT)

12 (SR)

Point-and-Shoot / Cursor Sort

- Point-and-shoot fields on primary panel and column headings for interactive users
 - On primary panel, takes user to selected panel (ISPF only)
 - On tabular column header, invokes sort on that column
 - If the column is not currently being sorted on the sort is set to Ascending on that column (**SORT column A**)
 - If the column is already being sorted on Ascending it is set to Descending on that column (**SORT column D**)
 - If the column is already being sorted on Descending it will be set OFF (**SORT OFF**)
 - Replaces any existing user sort criteria as it is a shortcut to using the SORT command.



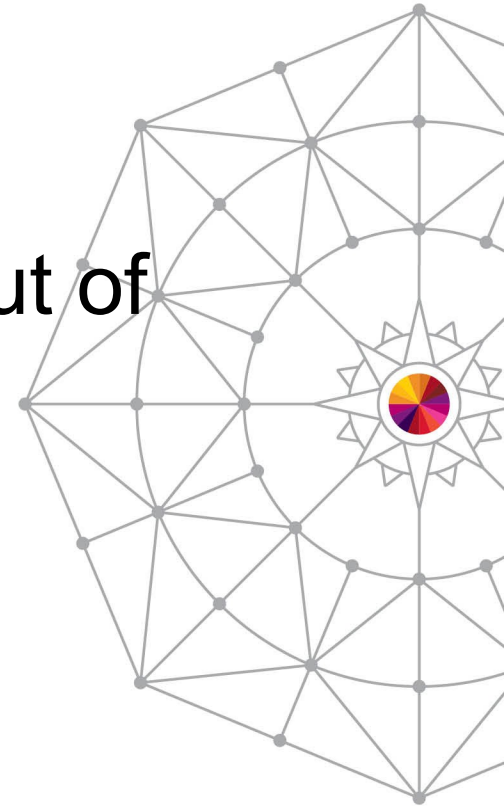
Cursor Sort Commands

- **SET CSORT** command to enable or disable cursor sorting
 - **SET CSORT ?** Displays the current setting of cursor sort (ON or OFF)
 - **SET CSORT ON** will enable cursor sort
 - **SET CSORT OFF** will disable cursor sort
- Column titles are highlighted when cursor sorting is enabled

```
SDSF OUTPUT ALL CLASSES ALL FORMS      LINES 1,990      LINE 19-36 (38)
COMMAND INPUT ==> _____ SCROLL ==> CSR
PREFIX=**  DEST=LOCAL  OWNER=*  SORT=JobID/A  SYSNAME=*
NP  JOBNAME  JobID  Owner  Prty C Max-RC  Forms  Dest
    DEALLOC  S0000034 SYSTASK  144 W CC 0000  STD  LOCAL
```


Copying SYSOUT data to a PDS

“Is there a way I can copy the output of a job into a PDS”?



METHOD 1: Edit and copy

```

Display Filter View Print Options Search Help
-----
SDSF STATUS DISPLAY ALL CLASSES                                LINE 1-17 (57)
COMMAND INPUT ==>                                           SCROLL ==> CSR
PREFIX=**  DEST=LOCAL  OWNER=*  SYSNAME=*
NP  JOBNAME  JobID  Owner  Prty Queue  C  Pos  SAff  ASys Status
se DEALLOC  S0000035 SYSTASK  1 PRINT  15
  DEALLOC  S0000036 SYSTASK  1 PRINT  16
  DEALLOC  S0000037 SYSTASK  1 PRINT  17
  DEALLOC  S0000038 SYSTASK  1 PRINT  18
  DEALLOC  S0000039 SYSTASK
  DEALLOC  S0000040 SYSTASK
  DEALLOC  S0000041 SYSTASK
  DEALLOC  S0000042 SYSTASK  1 PRINT  22
  DEALLOC  S0000043 SYSTASK  1 PRINT  23
  DEALLOC  S0000044 SYSTASK  1 PRINT  24
  DEALLOC  S0000045 SYSTASK  1 PRINT  25
  DEALLOC  S0000046 SYSTASK  1 PRINT  26
  DEALLOC  S0000047 SYSTASK  1 PRINT  27
  DEALLOC  S0000048 SYSTASK  1 PRINT  28
  DEALLOC  S0000049 SYSTASK  1 PRINT  29
  DEALLOC  S0000050 SYSTASK  1 PRINT  30
  DEALLOC  S0000051 SYSTASK  1 PRINT  31
  
```

Edit data set with ISPF edit (SE action)

METHOD 1: Edit and copy (continued)

```

SDSF EDIT      DEALLOC (S0000035)                      Columns 00001 00072
Command ==> create                                     Scroll ==> CSR
CC0001 1          J E S 2  J O B  L O G  --  S Y S T E M  S Y 1  -
000002 0
000003 16.48.57 S0000035 ---- TUESDAY,   06 AUG 2013 ----
000004 16.48.57 S0000035 IEF695I START DEALLOC WITH JOBNAME DEALLOC IS ASSI
000005 16.48.57 S0000035 IEF695I START DEALLOC WITH JOBNAME DEALLOC IS ASSI
000006 16.48.57 S0000035 IEF695I START DEALLOC WITH JOBNAME DEALLOC IS ASSI
000007 0----- JES2 JOB STATISTICS -----
000008 -   06 AUG 2013 JOB EXECUTION DATE
000009 -           2 CARDS READ
000010 -          32 SYSOUT PAGES
000011 -           0 SYSOUT PUNCH RECORDS
000012 -           2 SYSOUT SPOOL KBYTES
000013 -           0.00 MINUTES EXECUTION TIME
000014           1 //DEALLOC JOB MSGLEVEL=1
000015           2 //STARTING EXEC DEALLOC
000016           3 XXDEALLOC EXEC PGM=IEFBR14
000017           XX* THIS PROCEDURE IS ACTIVATED BY A 'START DEALLOC' COMMAND T
000018           XX* EXECUTE IEFBR14 CAUSING ALLOCATION TO DEALLOCATE A
000019           XX* DEVICE SPECIFIED ON A PREVIOUS 'VARY OFFLINE' COMMAND.
000020 STMT NO. MESSAGE
000021           2 IEFC001I PROCEDURE DEALLOC WAS EXPANDED USING SYSTEM LIBRARY
CC0022 IEF695I START DEALLOC WITH JOBNAME DEALLOC IS ASSIGNED TO USER SYSTAS

```

Select range of lines to be copied

Issue CREATE command

METHOD 1: Edit and copy (continued)

```

Menu  RefList  Utilities  Help
-----
                                Edit/View - Create

Command ==> _____

"Current" Data Set:

To ISPF Library:
  Project . . . . _____
  Group   . . . . _____
  Type    . . . . _____
  Member  . . . . _____

To Other Sequential Data Set, Partitioned Data Set Member, or z/OS UNIX file:
  Name . . . . . ' _____
  Volume Serial . . _____ (If not cataloged)

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

Enter "/" to select option
  ___ Specify pack option for "CREATE" Data Set
                                Data Conversion option
                                ___ 1. EBCDIC
                                    2. ASCII
                                    3. UTF-8
  
```

Type in data set name



METHOD 2: Print to data set

Display Filter View Print Options Search Help

SDSF STATUS DISPLAY ALL CLASSES LINE 1-17 (57)
 COMMAND INPUT ==> SCROLL ==> CSR

PREFIX=** DEST=LOCAL OWNER=* SYSNAME=*

NP	JOBNAME	JobID	Owner	Prty Queue	C	Pos	SAff	ASys Status
	DEALLOC	S0000035	SYSTASK	1 PRINT		15		
XDC	DEALLOC	S0000036	SYSTASK	1 PRINT		16		
	DEALLOC	S0000037	SYSTASK	1 PRINT		17		
	DEALLOC	S0000038	SYSTASK	1 PRINT		18		
	DEALLOC	S0000039	SYSTASK					
	DEALLOC	S0000040	SYSTASK					
	DEALLOC	S0000041	SYSTASK					
	DEALLOC	S0000042	SYSTASK					
	DEALLOC	S0000043	SYSTASK					
	DEALLOC	S0000044	SYSTASK					
	DEALLOC	S0000045	SYSTASK					
	DEALLOC	S0000046	SYSTASK	1 PRINT		26		
	DEALLOC	S0000047	SYSTASK	1 PRINT		27		
	DEALLOC	S0000048	SYSTASK	1 PRINT		28		
	DEALLOC	S0000049	SYSTASK	1 PRINT		29		
	DEALLOC	S0000050	SYSTASK	1 PRINT		30		
	DEALLOC	S0000051	SYSTASK	1 PRINT		31		

Print to data set
(XDC action):

- X** – Indicates Print action
- D** – Print to data set
- C** – Close data set when print complete

METHOD 2: Print to data set

```
DEALLOC  S0000035          SDSF Open Print Data Set
COMMAND INPUT ==>>>          SCROLL ==>>> CSR
```

Data set name	==>>>	'MY.DATASET.NAME'	Type in data set name and attributes
Member to use	==>>>	MEMBER	
Disposition	==>>>	OLD (OLD, NEW, SHR, MOD)	
Management class	==>>>	(Blank for default management class)	
Storage class	==>>>	(Blank for default storage class)	
Volume serial	==>>>	(Blank for authorized default volume)	
Device type	==>>>	(Generic unit or device address)	
Data class	==>>>	(Blank for default data class)	
Space units	==>>>	BLKS (BLKS, TRKS, CYLS, BY, KB, or MB)	
Primary quantity	==>>>	500 (In above units)	
Secondary quantity	==>>>	500 (In above units)	
Directory blocks	==>>>	(Zero for sequential data set)	
Record format	==>>>	VBA	
Record length	==>>>	133	
Block size	==>>>	3120	
Data set name type	==>>>	(LIBRARY, blank, ... See Help for more)	
Extended attributes	==>>>	(NO, OPT, or blank)	

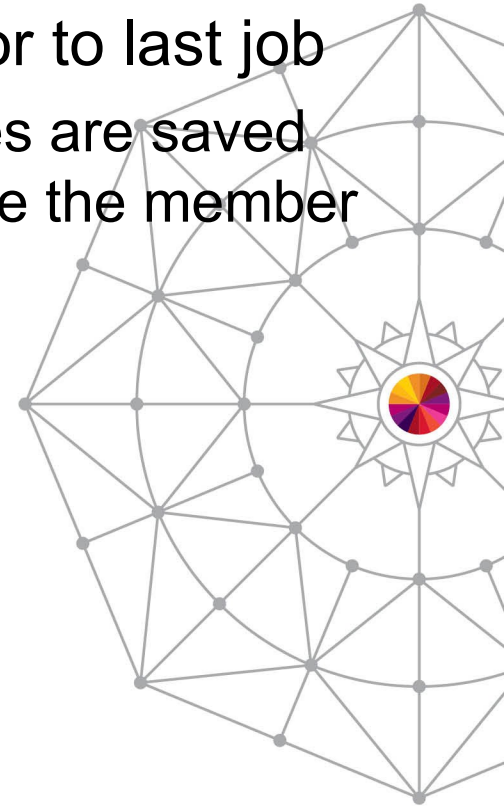
Copying SYSOUT data to a PDS

“I have to do this for several hundred jobs... do I have to go through all these panels for every job”?



METHOD 3: Use block actions

- Issue **//XDC** action prior to first job and **//** prior to last job
 - Still gives the popup for each job, but all values are saved from panel to panel, so you only have to retype the member name in this case
- But maybe there's an even better way...



METHOD 4: Print to data set from REXX

- Write a REXX EXEC to loop through all the jobs of interest, and copy each to a PDS member using XDC action
 - Create a list of jobs to be copied
 - Issue **ISFEXEC ST** with appropriate filters to generate list
 - For each job in the list, copy the job output to PDS
 - Issue **ISFACT ST** with row token and **PARM(NP XDC)**
 - Input from Print-to-Dataset panel is provided by special REXX input variables



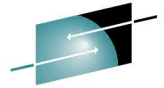
METHOD 4: Print to data set from REXX

```
/* REXX*/  
rc=isfcalls("ON")  
  
isfowner = 'D96CLW1'  
isffilter = 'JNAME EQ DEALLOC'  
Address SDSF 'ISFEXEC ST'  
  
Do ix=1 to jobid.0  
  isfprtdsname = 'MY.DATASET.NAME'  
  isfprtmember = jobid.ix  
  isfprtdisp   = 'OLD'  
  Address SDSF "ISFACT ST TOKEN('"token.ix"') PARM(NP XDC)"  
End  
  
rc=isfcalls("OFF")
```

METHOD 4: Print to data set from REXX

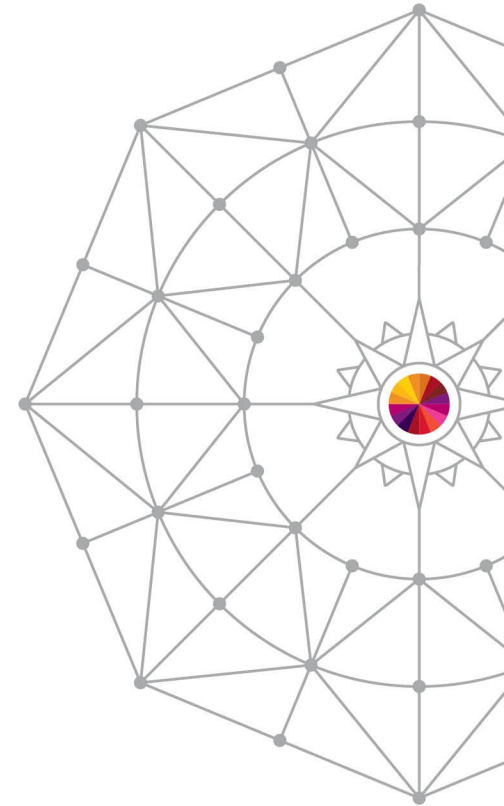
```
/* REXX*/  
rc=isfcalls("ON")  
  
isfowner = 'D96CLW1'  
isffilter = 'JNAME EQ DEALLOC'  
Address SDSF 'ISFEXEC ST'  
  
Do ix=1 to jobid.0  
  isfprtdsname = 'MY.DATASET.NAME'  
  isfprtmember = jobid.ix  
  isfprtdisp   = 'OLD'  
  Address SDSF "ISFACT ST TOKEN('"token.ix"') PARM(NP XDC)"  
  
  If rc>0 Then  
    Do  
      Say 'RC='rc isfmsg  
      Do jx=1 to isfmsg2.0  
        Say isfmsg2.jx  
      End  
    End  
  
End  
  
rc=isfcalls("OFF")
```

Useful to gather diagnostics
to determine why the EXEC
was not working



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Pulldown menus



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Pulldown menus

Display Filter View Print Options Search Help

SDSF OUTPUT ALL CLASSES ALL FORMS LINES 1,990 LINE 19-36 (38)
 COMMAND INPUT ==> SCROLL ==> CSR

PREFIX=** DEST=LOCAL OWNER=* SORT=JobID/A SYSNAME=*

NP	JOBNAME	JobID	Owner	Prt	C	Max-RC	Forms	Dest
DEALLOC	S000034	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000035	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000036	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000037	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000038	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000039	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000040	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000041	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000042	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000043	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000044	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000045	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000046	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000047	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000048	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000049	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000050	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S000051	SYSTASK	144	W	CC	0000	STD	LOCAL

Position cursor under desired option and press Enter

Pulldown menu - Display

```

Display  Filter  View  Print  Options  Search  Help
-----
SDS  ___  1. Panels...
COM  ___  2. Logs...
PRE  ___  3. Exit SDSF

RMS      LINES 1,990      LINE 19-36 (38)
SCROLL ==> CSR

SORT=JobID/A  SYSNAME=*

NP  JOBNAME  JobID  Owner  Prty C Max-RC  Forms  Dest
DEALLOC  S0000034  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000035  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000036  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000037  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000038  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000039  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000040  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000041  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000042  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000043  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000044  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000045  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000046  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000047  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000048  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000049  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000050  SYSTASK  144 W CC 0000  STD  LOCAL
DEALLOC  S0000051  SYSTASK  144 W CC 0000  STD  LOCAL
  
```

Pulldown menu - Filter

Display **Filter** View Print Options Search Help

SDSF OUTPUT _____,990 LINE 19-36 (38)
 COMMAND INP _____ SCROLL ==> CSR
 PREFIX=** A SYSNAME=*

NP	JOBNAM	RC	Forms	Dest
DEALLO		000	STD	LOCAL
DEALLO		000	STD	LOCAL
DEALLO		000	STD	LOCAL
DEALLOC	S000037	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000038	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000039	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000040	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000041	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000042	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000043	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000044	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000045	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000046	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000047	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000048	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000049	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000050	SYSTASK 144 W CC 0000	STD	LOCAL
DEALLOC	S000051	SYSTASK 144 W CC 0000	STD	LOCAL

Pulldown menu - View

Display Filter **View** Print Options Search Help

SDSF OUTPUT ALL CLAS — 1. Sort... 19-36 (38)
 COMMAND INPUT ==> 2. Arrange...
 PREFIX=** DEST=LOCAL 3. Set hex to ON
 NP JOBNAME JobID 4. Change field list to ALTERNATE
 DEALLOC S00000 5. Who... LOCAL

NP	JOBNAME	JobID	JobID	SYSTASK	144	W	CC	0000	STD	LOCAL
DEALLOC	S0000035	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000036	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000037	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000038	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000039	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000040	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000041	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000042	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000043	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000044	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000045	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000046	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000047	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000048	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000049	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000050	SYSTASK	144	W	CC	0000	STD	LOCAL		
DEALLOC	S0000051	SYSTASK	144	W	CC	0000	STD	LOCAL		

Pulldown menu - Options

Display Filter View Print **Options** Search Help

SDSF OUTPUT ALL CLASSES ALL FORMS

COMMAND INPUT ==> _____

PREFIX>** DEST=LOCAL OWNER=* S

NP JOBNAME JobID Owner P

DEALLOC	S0000034	SYSTASK
DEALLOC	S0000035	SYSTASK
DEALLOC	S0000036	SYSTASK
DEALLOC	S0000037	SYSTASK
DEALLOC	S0000038	SYSTASK
DEALLOC	S0000039	SYSTASK
DEALLOC	S0000040	SYSTASK
DEALLOC	S0000041	SYSTASK
DEALLOC	S0000042	SYSTASK
DEALLOC	S0000043	SYSTASK
DEALLOC	S0000044	SYSTASK
DEALLOC	S0000045	SYSTASK
DEALLOC	S0000046	SYSTASK
DEALLOC	S0000047	SYSTASK
DEALLOC	S0000048	SYSTASK
DEALLOC	S0000049	SYSTASK
DEALLOC	S0000050	SYSTASK
DEALLOC	S0000051	SYSTASK

1. Set action character display...
2. Find limit...
3. Change include SYSIN to ON
4. Set duplicate SYSOUT data sets to OFF
5. Set display values...
6. Set screen characteristics...
7. Set delay for responses...
8. Set communications timeout...
9. Set console name...
10. Set search characters...
11. Set language for help and tutorial...
12. Set cursor option...
13. Set confirmation to ON
14. Operlog limit for filter...
15. Set date format...
16. Set log default...
17. Set default browse action...
18. Set default check history limit...
19. Set cursor sort to OFF
20. Set communications mode...
21. Change console name modification to OFF
22. Set security trace...

Pulldown menu - Help

Display Filter View Print Options Search **Help**

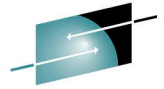
SDSF OUTPUT ALL CLASSES ALL FORMS LINES 1,990
COMMAND INPUT ==>

PREFIX=** DEST=LOCAL OWNER=* SORT=JobID/A SYSM

NP	JOBNAME	JobID	Owner	Prt	C	Max-RC
	DEALLOC	S0000034	SYSTASK	144	W	CC 0000
	DEALLOC	S0000035	SYSTASK	144	W	CC 0000
	DEALLOC	S0000036	SYSTASK	144	W	CC 0000
	DEALLOC	S0000037	SYSTASK	144	W	CC 0000
	DEALLOC	S0000038	SYSTASK	144	W	CC 0000
	DEALLOC	S0000039	SYSTASK	144	W	CC 0000
	DEALLOC	S0000040	SYSTASK	144	W	CC 0000
	DEALLOC	S0000041	SYSTASK	144	W	CC 0000
	DEALLOC	S0000042	SYSTASK	144	W	CC 0000
	DEALLOC	S0000043	SYSTASK	144	W	CC 0000
	DEALLOC	S0000044	SYSTASK	144	W	CC 0000
	DEALLOC	S0000045	SYSTASK	144	W	CC 0000
	DEALLOC	S0000046	SYSTASK	144	W	CC 0000
	DEALLOC	S0000047	SYSTASK	144	W	CC 0000
	DEALLOC	S0000048	SYSTASK	144	W	CC 0000
	DEALLOC	S0000049	SYSTASK	144	W	CC 0000
	DEALLOC	S0000050	SYSTASK	144	W	CC 0000
	DEALLOC	S0000051	SYSTASK	144	W	CC 0000

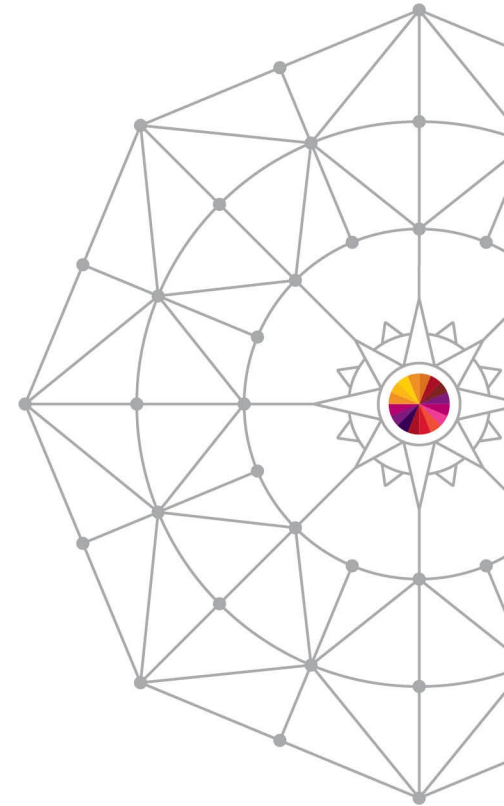
- 1. Extended help...
- 2. Keys help...
- 3. Help Index...
- 4. Tutorial...
- 5. Book...
- 6. Web sites...
- 7. REXX help...
- 8. Columns help...

	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL
	STD	LOCAL



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REXXHELP command

Using REXX with SDSF

More: +

Tab to a topic and press Enter, or press Enter to view the topics in order.

- o Introduction
- o Programming practices
- o Quick start
- o Add the SDSF host command environment
- o Issue SDSF commands
 - Commands for tabular panels (ISFEXEC)
 - Log panels (ISFLOG and ISFULOG)
 - Slash (/) commands (ISFSLASH)
 - Other commands (ISFEXEC)
 - Filter commands (special variables)
 - Options commands (special variables)
- o Take actions and modify columns on SDSF panels
- o Browse output and Print output
- o Examples ←
- o Diagnose errors in a REXX exec

- Search - Index -

F1=Help F7=Up F8=Down F12=Cancel

```

31002          $HASP265 0ES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
r          10          *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR REL
  
```



REXXHELP command

SDSF REXX: Examples

More: +

The following examples contain just the SDSF-specific portions of execs that accomplish SDSF tasks.

Tab to a link below and press Enter.

- o Access an SDSF tabular panel
- o Cancel a job
- o Cancel a set of jobs
- o List job data sets
- o Modify values for selected jobs (overtyping)
- o Modify a value for a set of jobs
- o Browse job output with EXECIO
- o Browse job output with ISFBROWSE
- o Browse a single data set with EXECIO
- o Browse a single data set with ISFBROWSE
- o Browse check output
- o Browse check output with ISFBROWSE
- o Browse check output from check history

F1=Help F7=Up F8=Down F12=Cancel

REXXHELP command - Examples

SDSF REXX Example: Access an SDSF panel

More: +

1. Access the ST panel, then list the column variables.

```

/* REXX */

rc=isfcalls('ON')

        /*****/
        /* Access the ST panel */
        /*****/
Address SDSF "ISFEXEC ST"
if rc<>0 then
  Exit rc

        /*****/
        /* Get fixed field name from first word */
        /* of isfcols special variable          */
        /*****/
fixedField = word(isfcols,1)
F1=Help   F7=Up    F8=Down   F12=Cancel

```

```

S1002          $HASP265  CES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
r          10          *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR REL

```

COLSHELP command

Columns on SDSF Panels Row 1205 from 1255

Command ==> Column name = REXX stem variable name

Sort with F5 (panel), F6 (column), F10 (title). Use Filter to filter rows.

All panels Des Column title (interactive)

<u>Panel</u>	<u>Column</u>	<u>Title</u>	<u>Delayed?</u>	<u>Overtime?</u>
ST	JNAME	JOBNAME		
ST	JTYPE	Type		
ST	JNUM	JNum		
ST	JOBID	JobID		
ST	OWNERID	Owner		
ST	JPRIO	Prty		X
ST	QUEUE	Queue		
ST	JCLASS	C		X
ST	POS	Pos		
ST	SYSAFF	SAff		JES2
ST	ACTSYS	ASys		
ST	STATUS	Status		
ST	PRIDEST	PrtDest		JES2
ST	SECLABEL	SecLabel		

If COLSHELP is issued from a specific panel, it automatically starts there

SEARCH command

```

Display Filter View Print Options Search Help
-----
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74      LINE 68-84 (84)
COMMAND INPUT ==>>  search max-rc                               SCROLL ==>>  CSR
P
A
N
Search Help                                                    Row 1 to 4 of 4
Command ==>> _____
Search for: MAX-RC
Select a search result to display the help panel.
- Max-RC Return code information for the job
- Max-RC Return code information for the job
- SDSF displays the following values in the MAX-RC column to
- Max-RC Return code information for the job
***** Bottom of data *****
44002      HZS0002E CHECK(IBMUSS, USS_FILESYS_CONFIG) :
47002      _____(G) :
46002      _____(G) :
45002      _____(G) :
52002      $HASP271 CHECKPOINT RECONFIGURATION OPTIONS
50002      *$HASP233 REASON FOR JES2 CHECKPOINT RECONFIGURATION IS OPER
51002      *$HASP285 JES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
r 10      *10 $HASP272 ENTER RESPONSE (ISSUE D R,MSG=$HASP271 FOR RELA

```

Show titles

Select to display panel titles along with search results

SEARCH command

```

Display Filter View Print Options Search Help
-----
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74      LINE 68-84 (84)
COMMAND INPUT ==>>  search max-rc                SCROLL ==>>  CSR
P
A
N
Search Help                                     Row 1 to 4 of 4
Command ==>> _____
Search for: MAX-RC                                / Show titles

Select a search result to display the help panel.
/ Max-RC Return code information for the job
  HELP: Held Output Queue Panel -- Fields Panel 4 of 6
↑ Max-RC Return code information for the job
  HELP: Output Queue Panel -- Fields Panel 5 of 6
- SDFS displays the following values in the MAX-RC column to
  HELP: Return Code Information
- Max-RC Return code information for the job
  HELP: Status Panel -- Fields Panel 4 of 6
***** Bottom of data *****
52000 +SHASP271 CHECKPOINT RECONFIGURATION OPTIONS
5000  CONFIGURATION IS OPER
5100  ON STARTED - DRIVEN B
r      10  MSG=$HASP271 FOR RELA

```

Select to see a specific topic matching the search

SEARCH command

```

Display Filter View Print Options Search Help
-----
SDSF SYSTEM REQUESTS  RM 1      IM 3      CEM 6      EM 74     LINE 68-84 (84)
COMMAND INPUT > search
SEARCH >
P
A
N
                Search Help                               Row 1 to 4 of 4
                HELP: Held Output Queue Panel -- Fields   Panel 4 of 6
COMMAND INPUT ==>

      Title          Description
OGID2             Output group ID 2 (JES2 only)
JP                Job priority
CrDate            Creation date (JES2 only)
OHR               Output hold reason code
Output-Hold-Text  Output hold reason text
Offs              List of offload devices, if the job has been
                  offloaded (JES2 only)
Max-RC            Return code information for the job
Device            Output device (if printing) or JES processor
SysID             System the output will print on (JES2 only)
RNum              JES job room number
Programmer-Name   JES programmer name
Acct              JES account number

51002 *$HASP285 JES2 CHECKPOINT RECONFIGURATION STARTED - DRIVEN B
r      10 *

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Search string is highlighted on help page