

z/OS V2.5 IBM Education Assistant

Solution Name: SDSF

Solution Element(s): SDSF

August 2021



Agenda

- Trademarks
- Objectives
- Overview
- Usage & Invocation
- Upgrade & Coexistence Considerations
- Installation & Configuration
- Summary
- Appendix

Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.
- Additional Trademarks:
 - None

Objectives

- Architectural changes
- New SDSF panels
 - New primary panels
 - New secondary panels
 - New columns on existing displays
- New help and search interface
- Usability enhancements
- z/OSMF SDSF plug-in changes
- Installation and configuration
- Documentation and help

Overview

- Who (Audience)
 - System programmers, operators, administrators, general users
- What (Solution)
 - Systems management
- Wow (Benefit / Value, Need Addressed)
 - Security and privacy by design
 - Simplify management of the system
 - Improve user experience

Usage & Invocation

- Several ways to invoke SDSF
 - ISPF dialog
 - TSO command
 - SDSF batch (no longer being enhanced, use REXX instead)
 - SDSF/REXX (including sysrexx)
 - SDSF/Java
 - z/OSMF SDSF plug-in

Architectural Changes

- SDSF “SVC” removed
- SDSF only uses SAF for security
 - Significant upgrade actions required if customer still uses internal SDSF security
 - New SDSF Security Migration Guide manual to document steps required
 - SC27-4942-00
 - Rexx security migration tool “ISFACR” provided with sample JCL for security reporting

New SDSF Primary Panels

- Primary panels
 - AD Address space diagnostics
 - CFD Coupling facility datasets
 - CS Common storage subpools
 - LLS Link list sets
 - MEM Address space memory
 - PC PC routines
 - SYSP System parameters
 - SVC SVC routines

MEM Panel

- Shows memory for any address space or common storage
- Syntax :
 - MEM *address {asid} {sysname}*
 - Defaults to *address* = 0, *asid* = user address space (hex) and *sysname* = local system
 - Leading zeros can be omitted from address and asid
 - Underscore can be used to separate high-half and low-half of address

- Examples

MEM 07FCE8

Display the memory contents at address x'07FCE8' in your own address space on the local system.

MEM 50_48CA000 CD

Display the contents of storage within a 64-bit memory object owned by ASID x'00CD' starting at address x'00000050_0048CA000'.

MEM 01E00EAC 00AB SYSA

Display memory contents at address x'01E00EAC' in ASID x'00AB' on remote system SYSA.

MEM Panel

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
[Icons] [1] [2] [3] [4] [5] [6] [7] [8] [9] [A] [B] [C] [?]

Display Filter View Print Options Search Help
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SDSF MEMORY RS88      RS88      007A PDSCOT      LINE 1-27 (257)
COMMAND INPUT ==> _      SCROLL ==> CSR
NP ADDRESS      Off  Contents      EBCDIC
00000000_00FD6688 0000      00000218 00FE66E4 ..... U
00000000_00FD6690 0008 00FD6604 00FD6C70 00000000 00FF3188 . . . % ..... h
00000000_00FD66A0 0018 00FEE22E 00FD6E32 00FDFBBC 01DB1298 . S. . . . . q
00000000_00FD66B0 0028 81161CC8 00FE47C8 0266DAF0 00FE2CE0 a..H. H. 0. . \
00000000_00FD66C0 0038 0121042F 00FD6C98 00F22000 00FF6F30 ..... %q.2.... ?
00000000_00FD66D0 0048 00FE670A 00000000 0A0307FE 00FD660C . . . . . .
00000000_00FD66E0 0058 00FD6458 00000001 40C3E5E3 00FD87F8 . . . . . CVT. g8
00000000_00FD66F0 0068 00FE673E 00FE6748 00F52578 9BFDAAAF8 . . . . . 5. 8
00000000_00FD6700 0078 00000000 00FF8AB8 00000000 812D5620 ..... . . . a. .
00000000_00FD6710 0088 00FE6570 01DC7A18 84766000 00FD6C98 . . . . . :.d -. . %q
00000000_00FD6720 0098 00FE64F4 00C2C038 00000000 7FFFFFFF . 4.B{..... "
00000000_00FD6730 00A8 00000000 00000000 00FD6D78 0000AB20 ..... . . . _ . .
00000000_00FD6740 00B8 00FE15E8 00FD6640 00FD6DB0 80FAF508 . .Y. . . . _ 35.
00000000_00FD6750 00C8 00FD6058 00000000 00000000 0A0D0A06 . - . . . . . .
00000000_00FD6760 00D8 00000000 00FD5F80 011DA608 02F918DC ..... ^ . .w..9.
00000000_00FD6770 00E8 00FDF210 00FD4CC8 00000000 C0000000 . 2.. <H....{...
00000000_00FD6780 00F8 00F53018 00FD6BD8 00FC9700 00000000 .5... ,Q. p....
00000000_00FD6790 0108 80000000 01DBBDF0 00DF0000 00FE3B00 .... ]0. . . .
00000000_00FD67A0 0118 81162A30 00000000 00FFDE40 00000000 a..... . . .
00000000_00FD67B0 0128 00FD6E10 00000000 FFFFBCD8 00000000 . >..... Q....
00000000_00FD67C0 0138 7FFFFFFF 00FFDE40 811DA660 00FF00CA "..... a.w-....
00000000_00FD67D0 0148 00FD6BE8 00000000 00000000 D9E2F8F8 . ,Y.....RS88
00000000_00FD67E0 0158 40404040 80C9B1B8 00FE168C 00FFA190 . I . . . .
00000000_00FD67F0 0168 80C34000 02F93C40 00000000 00000000 C ..9. . . . .
00000000_00FD6800 0178 7EFF818C 00FE2F58 00000000 00000000 =.a . . . . .
00000000_00FD6810 0188 011DBDB0 00009000 07FB07FB 00FE64D0 ..] . . . . . }
00000000_00FD6820 0198 00000000 86D85D80 00000000 00FE5228 . f0 . . . . . S
```

Actions :

Dn Show memory at nth word of the “Contents” column (1-4) treating it as a 31bit address.

Gn Show memory at nth word of the “Contents” column (1-3) treating it as a 64bit address.


M Show memory mapped to a known structure

S Show memory starting at the value in the “Address” column

MEM Panel Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help



Command ==> _____

Row 1 to 13 of 13

Sort column with F5. Use Locate to position to column.

/ All values

Column width

Column	##	Value
ADDRESS	01	00000000_00FD66E0
Off	01	0058
Contents	01	00FD6458 00000001 40C3E5E3 00FD87F8
EBCDIC	01	.ÙÀì.... CVT.Ùg8
Key	01	0
FProt	01	NO
ASCII	01	..dX....@.....
JobName	01	PDSCOT
ASID	01	122
ASIDX	01	007A
SysName	01	RS88
SysLevel	01	z/OS 02.05.00 HBB77D0
.END	01	**End of List**

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

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MEM Panel Security

- Ability to show memory for address space protected by SAF profile in SDSF class
 - ISFJOB.STORAGE.*owner.jobname.sysname*
 - READ access required
 - Where owner cannot be derived (e.g. some system address spaces), SDSF uses “+++++++”
- When page has never been referenced, MEM might show “STORAGE SKIPPED” message and display the next valid storage contents
 - CONTROL access to ISFJOB.STORAGE.*owner.jobname.sysname* will allow SDSF to “touch” the target page to differentiate between unreferenced storage and unavailable storage.

MEM Showing memory in structure format

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
Display Filter View Print Options Search Help
-
S C N M
Memory Map Name Row 1 to 9 of 25
Command ==>
Type the map name for formatted display in "Name"
field or use "Selection" to choose from the
displayed list.
Name: . . ASCB
Selection:
1. ACEE
2. ASCB
3. ASSB
4. ASXB
5. CAUB
6. CVT
7. CVTVSTGX
8. CVTXTNT1
9. CVTXTNT2
00000000_00FAFE20 0120 00000000 020D7010 00000000 027552A6
00000000_00FAFE30 0130 D93E035B EFF52244 00000000 00000000
00000000_00FAFE40 0140 00043806 000003E8 00000000 025925F0
00000000_00FAFE50 0150 020CB000 00000000 00000000 00000000
00000000_00FAFE60 0160 00000000 00043806 00000001 020C33E0
00000000_00FAFE70 0170 00000000 00000000 020C3200 000EB07B
00000000_00FAFE80 0180 C1E2C3C2 00FAFD00 00FAF200 00000000
00000000_00FAFE90 0190 00000000 00000000 00000000 00000000
00000000_00FAFEA0 01A0 00000002 00200100 000100FE 00000000
MR 0.1 02/11/21.042 03:14PM RS88 a 10,17
```

Type “M” beside row that contains the start of the candidate structure

SDSF will examine up to 16 bytes of the storage for a known eye-catcher and if found prime the default structure name in the prompt panel

SDSF prompt panel shown

Select from scrollable list and press enter

MEM Showing memory in structure format

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
-----
Display Filter View Print Options Search Help
-----
SDSF OUTPUT DISPLAY JES2      0021 ASCB      LINE 0      COLUMNS 02- 81
COMMAND INPUT ==> _          SCROLL ==> CSR
***** TOP OF DATA *****
SDSF MEMORY MAP FOR ASCB      : 00000000_00FAFD00      JOB DETAILS: JES2      0021
+0000  ASCBEGIN
+0000  ASCBASCB      ASCB
+0004  ASCBFWDP      00F99A00
+0008  ASCBBWDP      00FAFE80
+000C  ASCBLTCS      00000000
+0010  ASCBR010
+0010  ASCBSUPC_PREZOS12
+0010  ASCBSVRB_PREZOS12      00000000
+0014  ASCBSYNC_PREZOS12      00000000
+0018  ASCBIOSP      00000000
+001C  ASCBWQLK
+001C  ASCBR01C      0000
+001E  ASCBWQID      0000
+0020  ASCB_Job_Step_SeqNum
+0020  ASCBSAQ_PREZOS11      00000002
+0024  ASCBASN
+0024  ASCBASID      0021
+0026  ASCBDiag026      01
+0027  ASCBSRMFlags      00  B'00000000'
EQUATED VALUES
      ASCBVCMOverRide      80  B'10000000'
      ASCBBrokenUp      40  B'01000000'
      ASCBVCMGivePreemption 20  B'00100000'
      ASCBVCMGiveSigpAny  10  B'00010000'
      AscblnEligHonorPriori 08  B'00001000'
      ty
MA 0.1 02/11/21.042 03:14PM RS88 4,21
```

Set PFKey to “MEMCSR”

Position your cursor over an address in the structure display and press the PFKey to invoke MEM using the address at the cursor.

AD Panel

- Shows identification and diagnostic information about each active address space
- Intended as a launch pad for memory problem investigations
- Actions include storage related displays for the address space
 - Common storage usage
 - Private storage usage
 - Memory objects
- Important control block addresses for each address space shown and enabled for point-and-shoot to invoke the MEM panel

AD Panel

RS88

File Edit Font Transfer Macro Options Window Help

Display Filter View Print Options Search Help

SDSF AD DISPLAY RS88 RS88 LINE 1-56 (66)
COMMAND INPUT ==>
PREFIX=* DEST=(ALL) OWNER=* SORT=JOBNAME/A SYSNAME=
NP

NP	JOBNAME	ASIDX	StepName	ProcStep	JobID	Owner	ASCB	ASSB	ASXB	TCB	OUCB	JSAB	Pos	SR	Type	ASID	SSName	CVT	ECVT	SysNam
	MASTER	0001			STC04435	+MASTER+	00FD4F00	01DB1500	00FD5098	007FF0C8	01DB36B8	020CA3B0	NS			1	JES2	00FD6688	01DC7A18	RS88
	ALLOCAS	0016	ALLOCAS				00FB6580	022CC000	007FD000	007FED90	02298400	00000000	NS		STC	22		00FD6688	01DC7A18	RS88
	ANTAS000	000D	ANTAS000	IEFPROC			00FA8100	02C63000	007FD000	007F8298	02C62400	00000000	NS		STC	13		00FD6688	01DC7A18	RS88
	ANTMAIN	000C	ANTMAIN	IEFPROC			00FA8280	025A9500	007FD000	007F8298	02C70300	00000000	NS		STC	12		00FD6688	01DC7A18	RS88
	APPC	004A	APPC	ASCH			00FC8600	02120500	007FD000	007F8298	02043400	00000000	NS		STC	74		00FD6688	01DC7A18	RS88
	ASCH	004B	ASCH	ASCH			00FC4A00	02042000	007FD000	007F8298	01F70400	00000000	NS		STC	75		00FD6688	01DC7A18	RS88
	AXR	0019	AXR	IEFPROC			00FB5800	020FD000	007FD000	007F8298	02E31400	00000000	NS		STC	25		00FD6688	01DC7A18	RS88
	AXR02	0025	AXR02		STC04487	+++++++	00FAF700	01F72000	007FD000	007F80E0	02045400	020D9DC0	OUT	LW	STC	37	JES2	00FD6688	01DC7A18	RS88
	BPXOINIT	006D	BPXOINIT	BPXOINIT			00FA7A00	03759000	007FD000	007F8298	03758400	00000000	OUT	DW	STC	109		00FD6688	01DC7A18	RS88
	CATALOG	0028	CATALOG	IEFPROC			00F99000	0209E000	007FD000	007AC298	0209D400	00000000	NS		STC	40		00FD6688	01DC7A18	RS88
	CEA	001A	CEA	IEFPROC			00FB5680	02106000	007FD000	007F8298	0210D400	00000000	NS		STC	26		00FD6688	01DC7A18	RS88
	CONSOLE	000A	CONSOLE				00FAB200	02D85000	007FD000	007FED90	02D84400	00000000	NS		STC	10		00FD6688	01DC7A18	RS88
	CSF	0053	CSF	CSF	STC04500	CSFUSER	00FC2B80	01F5C000	007FD000	007F80E0	01F5B400	02032040	NS		STC	83	JES2	00FD6688	01DC7A18	RS88
	CSSMTP	0074	CSSMTP	CSSMTP	STC04602	CSSMTP	00FAD000	0372E000	007FD000	007F80E8	0372D400	02E2D120	IN		STC	116	JES2	00FD6688	01DC7A18	RS88
	DEVMAN	000E	DEVMAN	IEFPROC			00FAB000	02C61000	007FD000	007F8298	02C60400	00000000	NS		STC	14		00FD6688	01DC7A18	RS88
	DUMPSRV	0005	DUMPSRV	DUMPSRV			00FAB980	02F83000	007FD000	007F81A0	02F82400	00000000	NS		STC	5		00FD6688	01DC7A18	RS88
	FTPD1	0006	FTPD1		STC04592	FTPD	00FA7D00	03747400	007FD000	007CDD90	03745400	0376F040	OUT	DW	STC	108	JES2	00FD6688	01DC7A18	RS88
	GRS	0007	GRS				00FAB680	023AE000	007FD000	007FED90	023A92C0	00000000	NS		STC	7		00FD6688	01DC7A18	RS88
	GTZ	000F	GTZ	GTZ			00FB6E80	02C5E000	007FD000	007F8298	02241400	00000000	NS		STC	15		00FD6688	01DC7A18	RS88
	HZR	0020	HZR	IEFPROC			00FAFE80	020CD000	007FD000	007F8298	020CC400	00000000	NS		STC	32		00FD6688	01DC7A18	RS88
	HZSPROC	0012	HZSPROC	HZSSTEP	STC04439	HZSPROC	00FB6A00	021DB500	007FD000	007F80E0	021D5400	02E2F520	NS		STC	18	JES2	00FD6688	01DC7A18	RS88
	IEFSCHAS	0014	IEFSCHAS				00FCB080	02390000	007FD000	007FED90	0238F400	00000000	NS		STC	20		00FD6688	01DC7A18	RS88
	IOSAS	0018	IOSAS	IEFPROC			00FB6280	02141000	007FD000	007F8298	02140400	00000000	NS		STC	24		00FD6688	01DC7A18	RS88
	IXGLOGR	0017	IXGLOGR	IEFPROC			00FB6400	0210F000	007FD000	007F8298	02396400	00000000	NS		STC	23		00FD6688	01DC7A18	RS88
	JESXCF	0015	JESXCF	IEFPROC			00FB6700	0238E000	007FD000	007F8298	022CE400	00000000	NS		STC	21		00FD6688	01DC7A18	RS88
	JES2	0021	JES2	IEFPROC			00FADF00	020CB000	007FD000	007F8298	020DE400	020D1040	NS		STC	33	JES2	00FD6688	01DC7A18	RS88
	JES2AUX	001F	JES2AUX				00FAF000	020A0400	007FD000	007FED90	02036400	00000000	NS		STC	31		00FD6688	01DC7A18	RS88
	JES2MON	002A	JES2MON	IEFPROC			00F99880	02089000	007FD000	007F8298	02088400	00000000	NS		STC	42		00FD6688	01DC7A18	RS88
	MNTWTOR	001E	WTOR1		JOB02622	SUBJCL	00FB5080	01FFF000	007FD000	007D5C60	020E1400	020E4E20	OUT	LW	JOB	30	JES2	00FD6688	01DC7A18	RS88
	MXIDMON	0013	MXIDMON	MXXSrvK4	STC04588	MXISTC	00FA7680	03774000	007FD000	007F80E0	03773400	020D20C8	NS		STC	19	JES2	00FD6688	01DC7A18	RS88
	MXIMAST	0054	MXIMAST	MXXMSTK4	STC04499	MXISTC	00FC2A00	01F57000	007FD000	007F80E0	01F56400	01F84040	NS		STC	84	JES2	00FD6688	01DC7A18	RS88
	MXITCP	006E	MXITCP	MXXSrvK4	STC04589	MXISTC	00FA7500	03772000	007FD000	007F80E0	03771400	020D2008	NS		STC	110	JES2	00FD6688	01DC7A18	RS88
	OMVS	0010	OMVS	OMVS			00FB6D00	021EB000	007FD000	007F8028	021EA400	00000000	NS		STC	16		00FD6688	01DC7A18	RS88
	OSNMPD	006A	OSNMPD	OSNMPD	STC04601	STCUSER	00FB5500	01F80500	007FD000	007F80E0	0378F400	01F65040	OUT	DW	STC	106	JES2	00FD6688	01DC7A18	RS88
	PAGENT	004D	PAGENT	PAGENT	STC04493	PAGENT	00FC4580	01F68000	007FD000	007F80E0	01F6A400	01F4B040	OUT	DW	STC	77	JES2	00FD6688	01DC7A18	RS88
	PCAUTH	0002	PCAUTH				00FB3200	025C5500	007FD000	007FED90	02560400	00000000	NS		STC	2		00FD6688	01DC7A18	RS88
	PCIE	0011	PCIE	IEFPROC			00FB6880	021E3000	007FD000	007F81A0	021E2400	00000000	NS		STC	17		00FD6688	01DC7A18	RS88
	PDSCOT	007A	ROCKPROC	S88TCP22	TSU06599	PDSCOT	00FA7E80	02593000	007FD000	007DE828	0374E400	01F1D000	OUT	TI	TSU	122	JES2	00FD6688	01DC7A18	RS88
	PDSCOTA	0091	ROCKPROC	S88TCP23	TSU06718	PDSCOTA	00FA4000	02D95000	007FD000	007DE828	02E2C400	020EDDC0	IN		TSU	145	JES2	00FD6688	01DC7A18	RS88
	PORTMAP	0052	PORTMAP	PMAP	STC04603	PORTMAP	00FC0200	0378E000	007FD000	007F80E0	0372F400	02026040	OUT	LW	STC	82	JES2	00FD6688	01DC7A18	RS88
	PRIMEPSA	004F	PRIMEPSA	IGVDGNPP	STC04495	+++++++	00FC4280	01F67000	007FD000	007F80E0	01F66400	01F42040	OUT	DW	STC	79	JES2	00FD6688	01DC7A18	RS88
	RACF	0027	RACF	RACF	STC04598	RACF	00FAF200	020B0000	007FD000	007F8298	02149400	02046088	NS		STC	39	JES2	00FD6688	01DC7A18	RS88
	RASP	0003	RASP				00FB3080	0255A000	007FD000	007FED90	02559400	00000000	NS		STC	3		00FD6688	01DC7A18	RS88
	RESOLVER	001B	RESOLVER	EZBREINI			00FA7B80	02F7C000	007FD000	007F8298	0375D400	00000000	NS		STC	27		00FD6688	01DC7A18	RS88
	RMF	0051	RMF	IEFPROC	STC04498	RMF	00FC2E80	01F83000	007FD000	007F80E0	01F82400	01F3A040	NS		STC	81	JES2	00FD6688	01DC7A18	RS88
	SDSF	0085	SDSF	SDSF	STC06569	SDSF	00FA7200	03740000	007FD000	007F80E0	02122400	020C2040	NS		STC	133	JES2	00FD6688	01DC7A18	RS88
	SDSFAUX	0089	SDSFAUX	SDSFAUX	STC06570	SDSF	00FA6B80	020FB000	007FD000	007F80E0	0378B400	0209B030	NS		STC	137	JES2	00FD6688	01DC7A18	RS88
	SMF	001C	SMF	IEFPROC			00FB5380	020EB000	007FD000	007DEE88	02E2E400	00000000	NS		STC	28		00FD6688	01DC7A18	RS88
	SMS	0026	SMS	IEFPROC			00FAF380	020B2000	007FD000	007F8298	020B1400	00000000	NS		STC	38		00FD6688	01DC7A18	RS88
	SMSPDSE	0008	SMSPDSE				00FAB500	0238C000	007FD000	007FED90	025532C0	00000000	NS		STC	8		00FD6688	01DC7A18	RS88
	SMSPDSE1	0009	SMSPDSE1				00FAB380	0229D000	007FD000	007FED90	0229C400	00000000	NS		STC	9		00FD6688	01DC7A18	RS88
	SNMPQE	006B	SNMPQE	SNMPQE	STC04606	SNMPQE	00FA7080	0372C000	007FD000	007F80E0	0372B400	03767040	OUT	LW	STC	107	JES2	00FD6688	01DC7A18	RS88
	SYSLOGD	0072	SYSLOGD	BPXOINIT	STC04594	BPXOINIT	00FA6E80	03766000	007FD000	007CDD90	03765400	02046148	NS		STC	114	JES2	00FD6688	01DC7A18	RS88
	TCPIP	0050	TCPIP	TCPIP	STC04496	TCPIP	00FC2000	01F86000	007FD000	007F80E0	01F85400	01F75040	NS		STC	80	JES2	00FD6688	01DC7A18	RS88
	TNF	0048	TNF	IEFPROC			00FC8300	01F88000	007FD000	007F8298	01F8A400	00000000	NS		STC	72		00FD6688	01DC7A18	RS88
	TN3270	004E	TN3270	TN3270	STC04562	TN3270	00FBC100	01F62000	007FD000	007F80E0	01F61400	020F6060	NS		STC	78	JES2	00FD6688	01DC7A18	RS88

MA

0.1 02/11/21.042 03:36PM RS88

4,21

CS Panel

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Display Filter View Print Options Search Help

SDSF COMMON SUBPOOLS RS88

COMMAND INPUT ==> _

LINE 1-25 (25)

SCROLL ==> CSR

NP	SP	Key	BelowBlks	BelowAlloc	BelowUsed	BelowFree	BelowOrphan
226	0		5	20KB	16640	3840	0
227	0		6	28KB	17360	11312	0
227	1		0	0	0	0	0
227	5		0	0	0	0	0
227	6		27	12KB	8432	3856	0
228	0		2	4KB	192	3904	0
228	1		3	4KB	3264	832	0
228	2		0	0	0	0	0
228	4		0	0	0	0	0
228	5		0	0	0	0	0
228	6		4	56KB	53528	3816	0
231	0		6	4KB	1216	2880	0
231	1		0	0	0	0	0
231	5		0	0	0	0	0
231	6		6	12KB	9736	2552	0
239	0		29	28KB	16192	12480	0
241	0		43	296KB	283120	19984	288
241	1		14	76KB	66320	11504	0
241	2		4	40KB	34952	6008	0
241	4		0	0	0	0	0
241	5		1	4KB	4KB	0	0
241	6		5	12KB	8984	3304	0
245	0		200	1620KB	382568	1276312	128
247	0		0	0	0	0	0
248	0		0	0	0	0	0

MR 0.2 02/11/21.042 03:42PM RS88 a 4,21

Shows the common storage subpool usage summarized by subpool number and key

- Subpool attributes including
- Fetch protection
 - Key selection
 - Fixed

The “L” action on the row drills down to show every block of storage in the subpool with the same key

CS Panel Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Show Columns

Row 1 to 19 of 19

Command ==> _____

Sort column with F5. Use Locate to position to column.

/ All values

Column width

Column	##	Value
SP	01	227
Key	01	6
BelowBlks	01	27
BelowAlloc	01	12KB
BelowUsed	01	8432
BelowFree	01	3856
BelowOrphan	01	0
AboveBlks	01	136
AboveAlloc	01	1344KB
AboveUsed	01	1331760
AboveFree	01	44496
AboveOrphan	01	0
Type	01	CSA
FProt	01	YES
Fix	01	YES
SelectKey	01	SELECT
SysName	01	RS88
SysLevel	01	z/OS 02.05.00 HBB77D0
.END	01	**End of List**

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

MR 0.1 02/11/21.042 03:49PM RS88 a 17,56

CS Panel – “L” Action

SDSF COMMON SP227 K06 RS88																
COMMAND INPUT ==>																
PREFIX=* DEST=(ALL) OWNER=* SYSNAME=																
NP																
ADDRESS	AddrEnd	Length	Status	SP	Key	BlockAddr	BlockSize	JobName	GQE	Type	Orphan	JobID	ASID	ASIDX	Date	EndDate
00BE9000	00BE9557	1368	FREE	227	6	00BE9000	4096									
00BE9558	00BE959F	72	ALLOC	227	6	00BE9000	4096	VTAM	0375BEF8	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
00BE95A0	00BE96B7	280	FREE	227	6	00BE9000	4096									
00BE96B8	00BE96FF	72	ALLOC	227	6	00BE9000	4096	VTAM	0375BE38	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
00BE9700	00BE992F	560	FREE	227	6	00BE9000	4096									
00BE9930	00BE9FFF	1744	ALLOC	227	6	00BE9000	4096	VTAM	01F7CD60	CSA	NO	STC04436	35	0023	02/08/2021	04:38:03
00BEE000	00BEE047	72	ALLOC	227	6	00BEE000	4096	VTAM	01F7CCD0	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
00BEE048	00BEE067	32	FREE	227	6	00BEE000	4096									
00BEE068	00BEE13F	216	ALLOC	227	6	00BEE000	4096	VTAM	0375BD30	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
00BEE140	00BEE197	88	FREE	227	6	00BEE000	4096									
00BEE198	00BEE237	160	ALLOC	227	6	00BEE000	4096	TN3270	01F5DA60	CSA	NO	STC04562	78	004E	02/08/2021	04:42:23
00BEE238	00BEE2CF	152	FREE	227	6	00BEE000	4096									
00BEE2D0	00BEE36F	160	ALLOC	227	6	00BEE000	4096	PDSCOT	0378DAC0	CSA	NO	TSU06599	122	007A	02/11/2021	09:21:48
00BEE370	00BEE40F	160	ALLOC	227	6	00BEE000	4096	TCPIP	0375BAA8	CSA	NO	STC04496	80	0050	02/08/2021	04:42:03
00BEE410	00BEE4AF	160	ALLOC	227	6	00BEE000	4096	XDCSRVER	01F1B658	CSA	NO	STC04569	103	0067	02/08/2021	04:38:53
00BEE4B0	00BEE54F	160	ALLOC	227	6	00BEE000	4096	TSO	01F55CE8	CSA	NO	STC04492	76	004C	02/08/2021	04:38:23
00BEE550	00BEE5DF	144	ALLOC	227	6	00BEE000	4096	VTAM	01F7CC40	CSA	NO	STC04436	35	0023	02/08/2021	04:38:03
00BEE5E0	00BEE6BF	224	FREE	227	6	00BEE000	4096									
00BEE6C0	00BEE75F	160	ALLOC	227	6	00BEE000	4096	PDSCOTA	01F1B7C0	CSA	NO	TSU06718	145	0091	02/11/2021	10:35:24
00BEE760	00BEE83F	224	ALLOC	227	6	00BEE000	4096	VTAM	01F7C880	CSA	NO	STC04436	35	0023	02/08/2021	04:38:03
00BEE840	00BEE9BF	384	FREE	227	6	00BEE000	4096									
00BEE9C0	00BEEA9F	224	ALLOC	227	6	00BEE000	4096	VTAM	01F7C808	CSA	NO	STC04436	35	0023	02/08/2021	04:38:03
00BEEAA0	00BEEC1F	384	FREE	227	6	00BEE000	4096									
00BEEC20	00BEECFF	224	ALLOC	227	6	00BEE000	4096	VTAM	01F7C538	CSA	NO	STC04436	35	0023	02/08/2021	04:38:03
00BEEED0	00BEEEF7	384	FREE	227	6	00BEE000	4096									
00BEEF80	00BEFFFF	384	ALLOC	227	6	00BEFF00	4096	VTAM	01F7C508	CSA	NO	STC04436	35	0023	02/08/2021	04:38:03
00BEF000	00BEFFFF	4096	ALLOC	227	6	00BEF000	4096	VTAM	01F87D90	CSA	NO	STC04436	35	0023	02/08/2021	04:38:03
0EBE6000	0EBE67FF	2048	ALLOC	227	6	0EBE6000	4096	VTAM	021217A8	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EBE6800	0EBE6FFF	2048	FREE	227	6	0EBE6000	4096									
0EBE7000	0EBE77FF	2048	ALLOC	227	6	0EBE7000	4096	VTAM	02121700	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EBE7800	0EBE7FFF	2048	FREE	227	6	0EBE7000	4096									
0EBE8000	0EBE87FF	2048	ALLOC	227	6	0EBE8000	4096	VTAM	021216E8	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EBE8800	0EBE8FFF	2048	FREE	227	6	0EBE8000	4096									
0EBE9000	0EBE97FF	2048	ALLOC	227	6	0EBE9000	4096	VTAM	01F7CD30	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EBE9800	0EBE9FFF	2048	FREE	227	6	0EBE9000	4096									
0EBEA000	0EBF1FFF	32768	ALLOC	227	6	0EBEA000	32768	VTAM	01F7C940	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EBF2000	0EBF9FFF	32768	ALLOC	227	6	0EBF2000	32768	VTAM	01F7C8E0	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC18000	0EC185FF	1536	ALLOC	227	6	0EC18000	4096	VTAM	01F7CC88	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC18600	0EC18FFF	2560	FREE	227	6	0EC18000	4096									
0EC19000	0EC19E5F	3680	FREE	227	6	0EC19000	28672									
0EC19E60	0EC1FFFF	24992	ALLOC	227	6	0EC19000	28672	VTAM	01F7CA30	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC20000	0EC25FFF	24576	ALLOC	227	6	0EC20000	24576	VTAM	01F7CC58	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC26000	0EC267FF	2048	ALLOC	227	6	0EC26000	4096	VTAM	01F7CC70	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC26800	0EC26FFF	2048	FREE	227	6	0EC26000	4096									
0EC27000	0EC277FF	2048	ALLOC	227	6	0EC27000	4096	VTAM	01F7CA18	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC27800	0EC27FFF	2048	FREE	227	6	0EC27000	4096									
0EC28000	0EC287FF	2048	ALLOC	227	6	0EC28000	4096	VTAM	01F7CBC8	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC28800	0EC28FFF	2048	FREE	227	6	0EC28000	4096									
0EC29000	0EC297FF	2048	ALLOC	227	6	0EC29000	4096	VTAM	01F7CA00	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC29800	0EC29FFF	2048	FREE	227	6	0EC29000	4096									
0EC2A000	0EC31FFF	32768	ALLOC	227	6	0EC2A000	32768	VTAM	01F7CB98	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC32000	0EC39FFF	32768	ALLOC	227	6	0EC32000	32768	VTAM	01F7C9E8	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC3A000	0EC3AFFF	32768	ALLOC	227	6	0EC3A000	32768	VTAM	01F7CB80	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC42000	0EC49FFF	32768	ALLOC	227	6	0EC42000	32768	VTAM	01F7C9D0	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC4A000	0EC51FFF	32768	ALLOC	227	6	0EC4A000	32768	VTAM	01F7CB20	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03
0EC52000	0EC52FFF	4096	ALLOC	227	6	0EC52000	4096	VTAM	01F7C9B8	CSA	NO	STC04436	35	0023	02/08/2021	04:42:03

CS Panel Detail Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Show Columns Row 1 to 21 of 21

Command ==> _

Sort column with F5. Use Locate to position to column.

/ All values _ Column width

Column	##	Value
ADDRESS	01	00BEE920
AddrEnd	01	00BEE9BF
Length	01	160
Status	01	ALLOC
SP	01	227
Key	01	6
BlockAddr	01	00BEE000
BlockSize	01	4096
JobName	01	*TEMPJB*
GQE	01	0378DEF8
Type	01	CSA
Orphan	01	YES
JobID	01	
ASID	01	122
ASIDX	01	007A
Date	01	02/12/2021 04:20:09
EndDate	01	02/12/2021 04:20:19
CAUB	01	01F3F710
SysName	01	RS88
SysLevel	01	z/OS 02.05.00 HBB77D0
.END	01	**End of List**

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

MA 0.1 02/12/21.043 10:04AM RS88 3,17

CFD Panel – Coupling facility data sets

SDSF CF DATA SETS RS88 RSPLEX0G LINE 1-12 (12)						
COMMAND INPUT ==> _						
NP	DSNAME	Function	Type	VolSer	Unit	AllocTime CSR
	RSPLEX0G.ARM.CDS11	ARM	PRIMARY	MCPG00		11/28/2019 23:20
	RSPLEX0G.ARM.CDS12	ARM	ALT-SYNCHED	MCPG00		11/28/2019 23:20
	RSPLEX0G.CFRM.CDS11	CFRM	PRIMARY	MCPG00	649D	11/28/2019 23:20
	RSPLEX0G.CFRM.CDS12	CFRM	ALT-SYNCHED	MCPG00	649D	11/28/2019 23:20
	RSPLEX0G.LOGR.CDS11	LOGR	PRIMARY	MCPG00	649D	11/28/2019 23:20
	RSPLEX0G.LOGR.CDS12	LOGR	ALT-SYNCHED	MCPG00	649D	11/28/2019 23:20
	RSPLEX0G.OMVS.CDS11	BPXMCDS	PRIMARY	MCPG00	649D	11/29/2019 00:15
	RSPLEX0G.OMVS.CDS12	BPXMCDS	ALT-SYNCHED	MCPG00	649D	11/29/2019 00:15
	RSPLEX0G.WLM.CDS11	WLM	PRIMARY	MCPG00	649D	11/28/2019 23:20
	RSPLEX0G.WLM.CDS12	WLM	ALT-SYNCHED	MCPG00	649D	11/28/2019 23:20
	RSPLEX0G.XCF.CDS11	SYSPLEX	PRIMARY	MCPG00	649D	11/28/2019 23:20
	RSPLEX0G.XCF.CDS12	SYSPLEX	ALT-SYNCHED	MCPG00	649D	11/28/2019 23:20


Shows coupling facility data sets

Includes allocated time and attributes

CFD Panel Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help



Command ==> Show Columns Row 1 to 12 of 12

Sort column with F5. Use Locate to position to column.

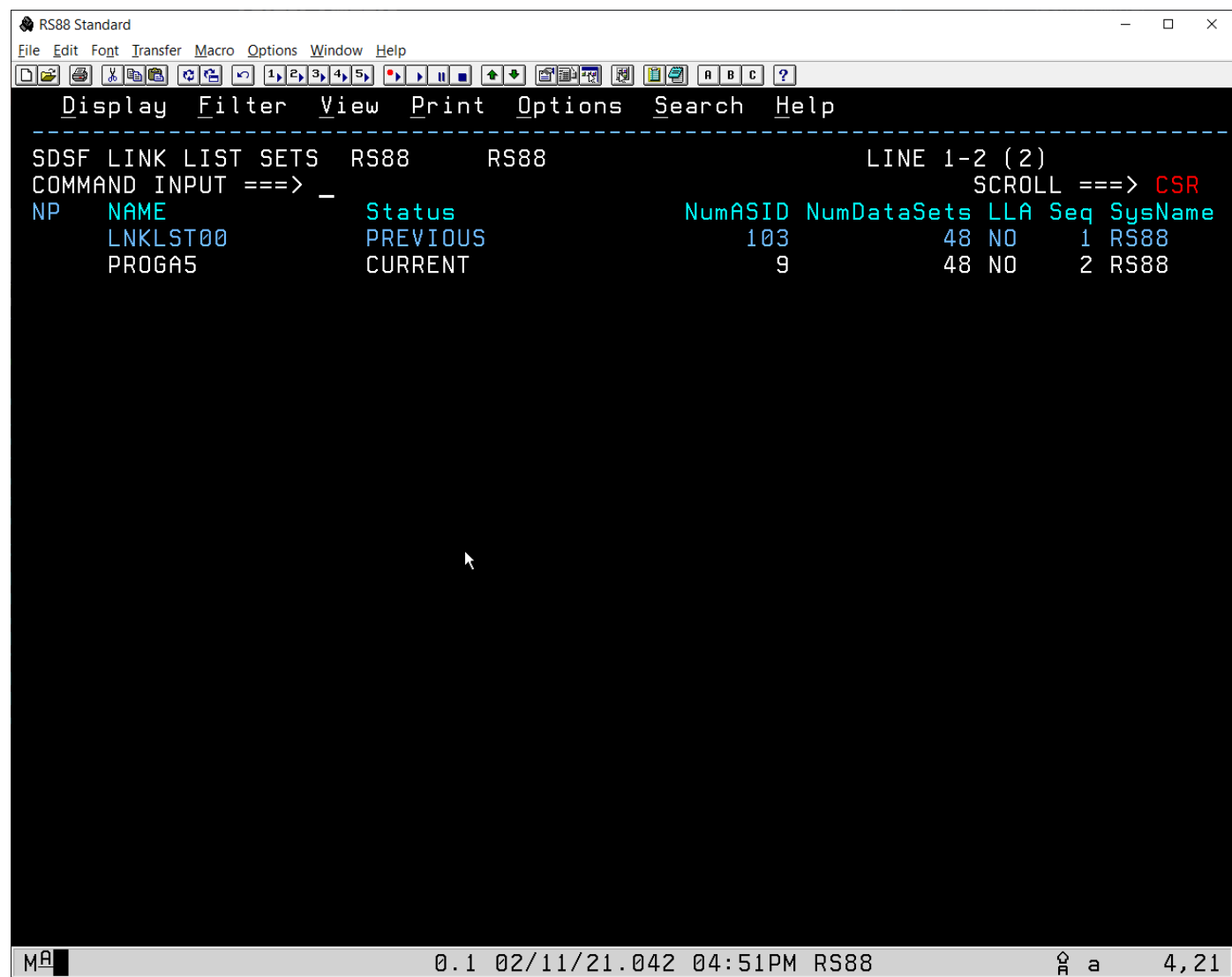
/ All values _ Column width

Column	##	Value
DSNAME	01	RSPLEX06.XCF.CDS11
Function	01	SYSPLEX
Type	01	PRIMARY
VolSer	01	MCPG00
Unit	01	649D
AllocTime	01	11/28/2019 23:20:18
MaxSys	01	6
MaxGrp	01	100
MaxMem	01	51
PeakGrp	01	41
PeakMem	01	47
.END	01	**End of List**

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

MR 0.1 02/11/21.042 03:55PM RS88 a 13,47

LLS Panel – Link List Sets



The screenshot shows the RS88 Standard LLS Panel. The window title is "RS88 Standard". The menu bar includes File, Edit, Font, Transfer, Macro, Options, Window, and Help. The toolbar contains various icons for file operations and navigation. The main display area shows the following text:

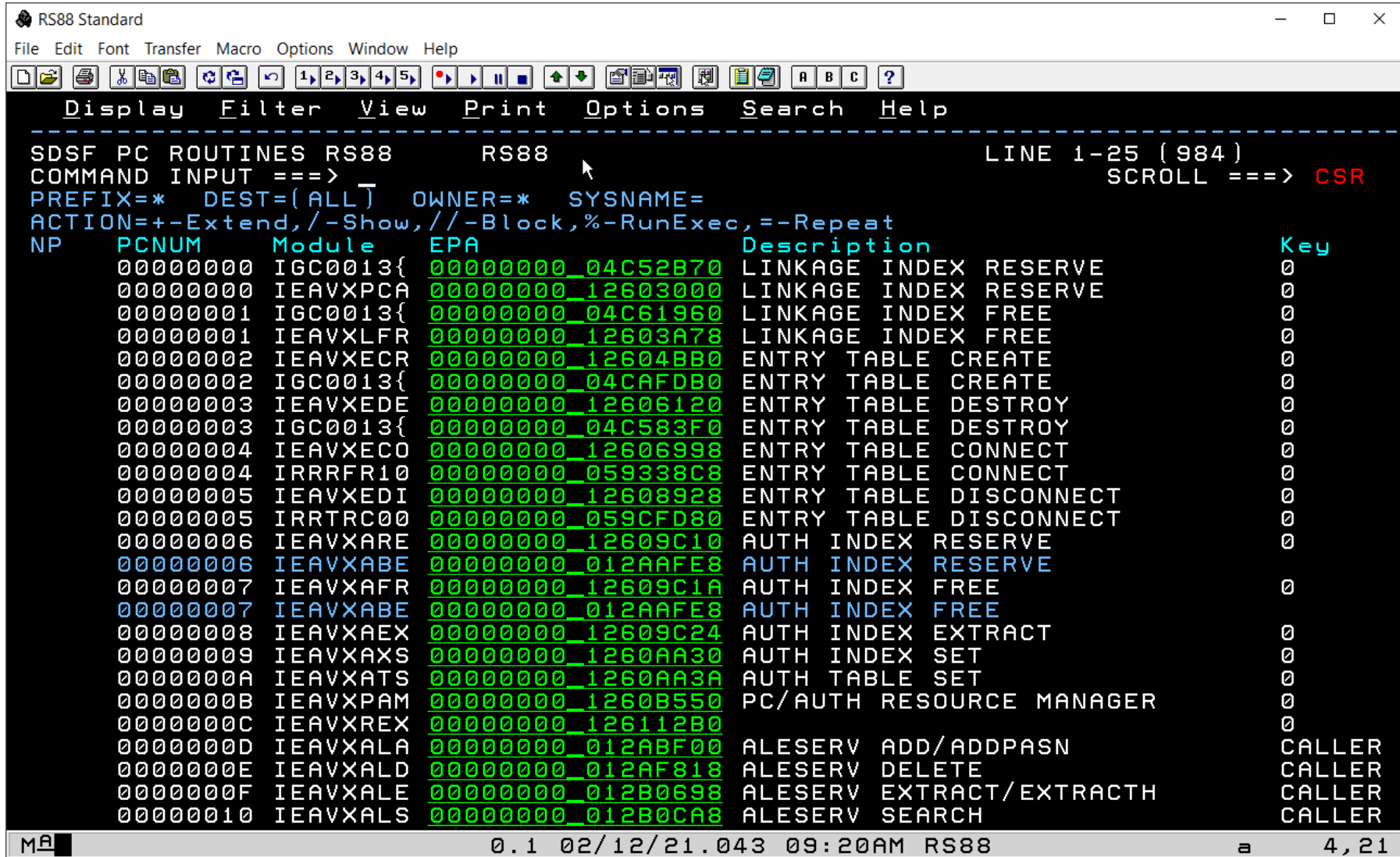
```
SDSF LINK LIST SETS RS88 RS88 LINE 1-2 (2)
COMMAND INPUT ==> _ SCROLL ==> CSR
NP NAME Status NumASID NumDataSets LLA Seq SysName
LNKLST00 PREVIOUS 103 48 NO 1 RS88
PROGA5 CURRENT 9 48 NO 2 RS88
```

The status bar at the bottom displays "MR 0.1 02/11/21.042 04:51PM RS88 a 4,21".

“L” action invokes the LNK display to show data sets in the link list set

“DU” action displays the users of the link list set

PC Panel – PC Routines



The screenshot shows the RS88 Standard PC Panel window. The title bar reads "RS88 Standard". The menu bar includes "File", "Edit", "Font", "Transfer", "Macro", "Options", "Window", and "Help". The toolbar contains various icons for file operations and editing. The main display area shows the command "SDSF PC ROUTINES RS88" and "RS88" with a cursor. Below this, it says "LINE 1-25 (984)" and "SCROLL ==> CSR". The main content is a table of PC routines with columns for NP, PCNUM, Module, EPA, Description, and Key. The table lists 21 routines, including LINKAGE INDEX RESERVE, LINKAGE INDEX FREE, ENTRY TABLE CREATE, ENTRY TABLE DESTROY, ENTRY TABLE CONNECT, ENTRY TABLE DISCONNECT, AUTH INDEX RESERVE, AUTH INDEX FREE, AUTH INDEX EXTRACT, AUTH INDEX SET, AUTH TABLE SET, PC/AUTH RESOURCE MANAGER, ALESERV ADD/ADDPASN, ALESERV DELETE, ALESERV EXTRACT/EXTRACTH, and ALESERV SEARCH. The status bar at the bottom shows "0.1 02/12/21.043 09:20AM RS88" and "4, 21".

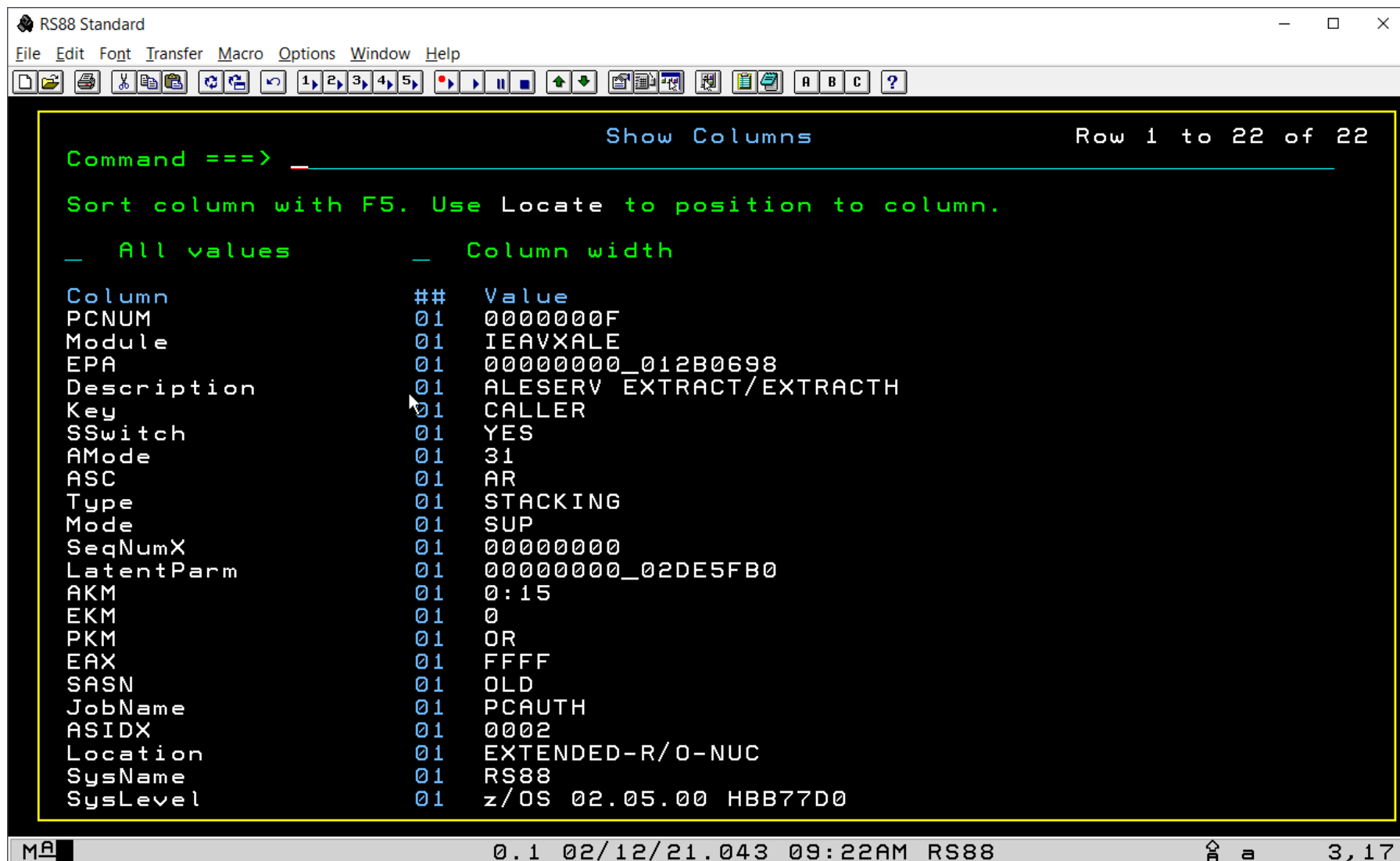
NP	PCNUM	Module	EPA	Description	Key
00000000	IGC0013{	00000000_04C52B70	LINKAGE INDEX RESERVE	0	
00000000	IEAVXPCA	00000000_12603000	LINKAGE INDEX RESERVE	0	
00000001	IGC0013{	00000000_04C61960	LINKAGE INDEX FREE	0	
00000001	IEAVXLFR	00000000_12603A78	LINKAGE INDEX FREE	0	
00000002	IEAVXECR	00000000_12604BB0	ENTRY TABLE CREATE	0	
00000002	IGC0013{	00000000_04CAFDB0	ENTRY TABLE CREATE	0	
00000003	IEAVXEDE	00000000_12606120	ENTRY TABLE DESTROY	0	
00000003	IGC0013{	00000000_04C583F0	ENTRY TABLE DESTROY	0	
00000004	IEAVXECO	00000000_12606998	ENTRY TABLE CONNECT	0	
00000004	IRRRFR10	00000000_059338C8	ENTRY TABLE CONNECT	0	
00000005	IEAVXEDI	00000000_12608928	ENTRY TABLE DISCONNECT	0	
00000005	IRRTRC00	00000000_059CFD80	ENTRY TABLE DISCONNECT	0	
00000006	IEAVXARE	00000000_12609C10	AUTH INDEX RESERVE	0	
00000006	IEAVXABE	00000000_012AAFE8	AUTH INDEX RESERVE	0	
00000007	IEAVXAFR	00000000_12609C1A	AUTH INDEX FREE	0	
00000007	IEAVXABE	00000000_012AAFE8	AUTH INDEX FREE	0	
00000008	IEAVXAEX	00000000_12609C24	AUTH INDEX EXTRACT	0	
00000009	IEAVXAXS	00000000_1260AA30	AUTH INDEX SET	0	
0000000A	IEAVXATS	00000000_1260AA3A	AUTH TABLE SET	0	
0000000B	IEAVXPAM	00000000_1260B550	PC/AUTH RESOURCE MANAGER	0	
0000000C	IEAVXREX	00000000_126112B0		0	
0000000D	IEAVXALA	00000000_012ABF00	ALESERV ADD/ADDPASN	CALLER	
0000000E	IEAVXALD	00000000_012AF818	ALESERV DELETE	CALLER	
0000000F	IEAVXALE	00000000_012B0698	ALESERV EXTRACT/EXTRACTH	CALLER	
00000010	IEAVXALS	00000000_012B0CA8	ALESERV SEARCH	CALLER	

Shows PC routines associated with System linkage indexes (LX)

Includes descriptions of well-known PC numbers

Non-system LX PC routines are not shown

PC Panel Columns



The screenshot shows a window titled "RS88 Standard" with a menu bar (File, Edit, Font, Transfer, Macro, Options, Window, Help) and a toolbar. The main area displays a command prompt with the text "Command ==> _" and "Show Columns" in the top right. Below this, a green instruction reads "Sort column with F5. Use Locate to position to column." The main content is a table with two columns: "All values" and "Column width". The table lists various system parameters and their values.

All values	Column width
Column	## Value
PCNUM	01 0000000F
Module	01 IEAVXALE
EPA	01 00000000_012B0698
Description	01 ALESERV EXTRACT/EXTRACTH
Key	01 CALLER
SSwitch	01 YES
AMode	01 31
ASC	01 AR
Type	01 STACKING
Mode	01 SUP
SeqNumX	01 00000000
LatentParm	01 00000000_02DE5FB0
AKM	01 0:15
EKM	01 0
PKM	01 OR
EAX	01 FFFF
SASN	01 OLD
JobName	01 PCAUTH
ASIDX	01 0002
Location	01 EXTENDED-R/O-NUC
SysName	01 RS88
SysLevel	01 z/OS 02.05.00 HBB77D0

The status bar at the bottom shows "MA" on the left, "0.1 02/12/21.043 09:22AM RS88" in the center, and "3,17" on the right.

SVC Panel – SVC routines

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Display Filter View Print Options Search Help

SDSF SVC TABLE RS88 RS88 LINE 1-25 (289) SCROLL ==> CSR

COMMAND INPUT ==>

PREFIX=* DEST=(ALL) OWNER=* SYSNAME=

ACTION=+-Extend,-Show,/-Block,%-RunExec,=-Repeat

NP	SVC	SVCX	ESRCode	Module	Macro	EPA	Location	AMode
0	0000			IECVEXCP	EXCP	80FF18F0	R/O-NUC	31
1	0001			IEAVEWAT	WAIT	80FEEF78	R/O-NUC	31
2	0002			IEAVEPST	POST	81244F40	EXTENDED-R/O-NUC	31
3	0003			IGC003	EXIT	8123FCA0	EXTENDED-R/O-NUC	31
4	0004			IGVVSM24	GETMAIN	812FE13A	EXTENDED-R/O-NUC	31
5	0005			IGVVSM24	FREEMAIN	812FE13A	EXTENDED-R/O-NUC	31
6	0006			CSVLINK	LINK	811619F0	EXTENDED-R/O-NUC	31
7	0007			CSVXCTL	XCTL	8116A880	EXTENDED-R/O-NUC	31
8	0008			CSVLOAD	LOAD	811627D8	EXTENDED-R/O-NUC	31
9	0009			CSVDELET	DELETE	8114CE70	EXTENDED-R/O-NUC	31
10	000A			IGVVSM24	GETMAIN/FREEMAIN	812FF496	EXTENDED-R/O-NUC	31
11	000B			IGC0001A	TIME	837DCC60	EXTENDED-PLPA	31
12	000C			CSVSYNCH	SYNCH	81166EF8	EXTENDED-R/O-NUC	31
13	000D			IGC0101C	ABEND	84D13000	EXTENDED-PLPA	31
14	000E			IEAVTESP	SPIE	84685020	EXTENDED-PLPA	31
15	000F			IECVPST	ERREXCP	812C58BC	EXTENDED-R/O-NUC	31
16	0010			IOSPURGA	PURGE	81332F32	EXTENDED-R/O-NUC	31
17	0011			IGC0001G	RESTORE	87955000	EXTENDED-FLPA	31
18	0012			IGC018	BLDL/FIND	810F13A0	EXTENDED-R/O-NUC	31
19	0013			IGC0001I	OPEN	00DC06B8	PLPA	24
20	0014			IGC00020	CLOSE	00DAB000	PLPA	24
21	0015			IGC0002A	STOW	84B2B000	EXTENDED-PLPA	31
22	0016			IGC0001I	OPEN_TYPE=J	80DBF000	PLPA	31
23	0017			IGC00020	CLOSE_TYPE=T	00DB7BE8	PLPA	24
24	0018			IGC0002D	DEVTYPE	84B2E000	EXTENDED-PLPA	31

MA 0.1 02/12/21.043 09:24AM RS88 4,21

- Shows SVC routines
- Descriptions for well-known SVC numbers
- Includes entries for extended router SVCs (ESR)
- Includes SVCUPDTE information

SVC Panel Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Show Columns Row 1 to 22 of 32

Command ==> _____

Sort column with F5. Use Locate to position to column.

/ All values Column width

Column	##	Value
SVC	01	10
SVCX	01	000A
ESRCode	01	
Module	01	IGVVSM24
Macro	01	GETMAIN/FREEMAIN
EPA	01	812FF496
Location	01	EXTENDED-R/O-NUC
AMode	01	31
Type	01	1
APF	01	NO
ESR	01	NO
MaxESR	01	0
ASF	01	NO
AR	01	NO
Upd	01	NO
NonP	01	NO
Locks	01	LOCAL
UpdCnt	01	0
UpdMeth	01	
UpdDate	01	
OldMod	01	
OldEPA	01	

MA 0.1 02/12/21.043 09:26AM RS88 a 3,17

SYSP Panel – System Parameters

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
-----
SDSF SYSTEM PARAMETERS RS88 RS88 LINE 37-61 (72)
COMMAND INPUT ==> SCROLL ==> CSR
PREFIX=* DEST=(ALL) OWNER=* SYSNAME=
ACTION=+-Extend,-Show,//-Block,%-RunExec,=-Repeat,D-Display,L-SearchParmlib
NP PARM Value Member RefName SysName
LPA (RS,88) IEASYSRS LPALST RS88
MAXCAD 50 DEFAULT RS88
MAXUSER 500 IEASYSRS RS88
MLPA 00 IEASYS00 IEALPA RS88
MSTRJCL RS IEASYSRS MSTRJCL RS88
NSYSLX 165 DEFAULT RS88
OMVS RS IEASYSRS BPXPRM RS88
OPI YES IEASYSRS RS88
OPT 00 IEASYSRS IEAOPT RS88
OSPROTECT SYSTEM DEFAULT RS88
PAGE (RS88.PAGE.PLPA, IEASYSRS RS88
PAGE RS88.PAGE.COMMON, IEASYSRS RS88
PAGE RS88.PAGE.LOCAL1) IEASYSRS RS88
PAGTOTL 40 DEFAULT RS88
PAK 00 IEASYSRS IEAPAK RS88
PLEXCFG MULTISYSTEM IEASYSRS RS88
PROD 00 IEASYSRS IFAPRD RS88
PROG (RS,88,ZZ) IEASYSRS PROG RS88
RDE NO DEFAULT RS88
REAL 0 IEASYSRS RS88
RER NO DEFAULT RS88
RSU 0 IEASYSRS RS88
RSVNONR 200 IEASYSRS RS88
RSVSTRT 5 IEASYSRS RS88
RUCSA (1M,1M) IEASYSRS RS88
MA 0.1 02/12/21.043 09:39AM RS88 4,21
```

Shows system parameters used at IPL time

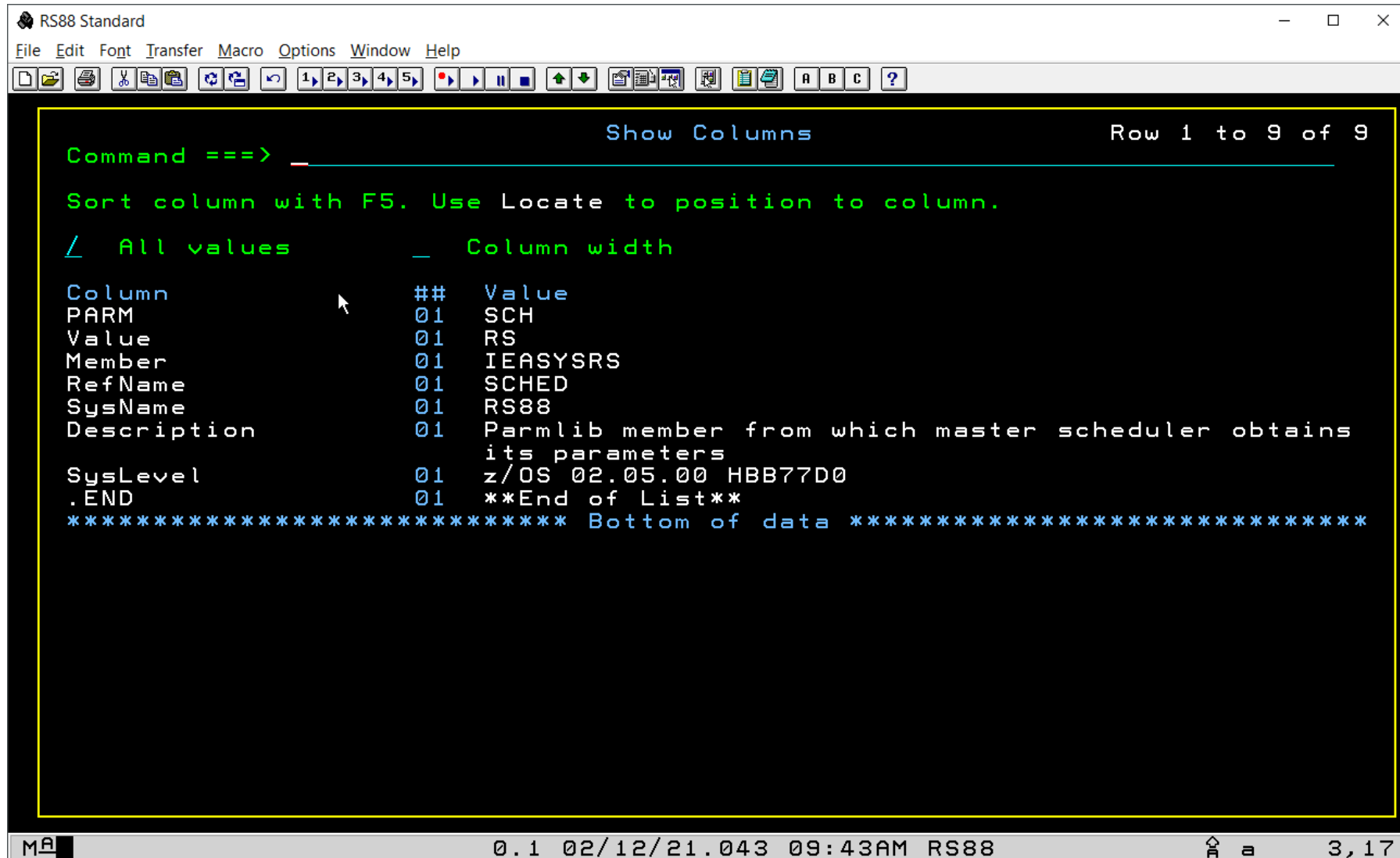
Includes source member from PARMLIB concatenation

Includes description for parameters

PARM column is the statement keyword from IEASYSxx

RefName is the actual data set member name root

SYSP Panel Columns



```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
[Icons] A B C ?

Show Columns Row 1 to 9 of 9

Command ==> _
Sort column with F5. Use Locate to position to column.

/ All values _ Column width

Column      ##  Value
PARM        01  RS
Value       01  RS
Member      01  IEASYSRS
RefName     01  SCHED
SysName     01  RS88
Description  01  Parmlib member from which master scheduler obtains
               its parameters
SysLevel    01  z/OS 02.05.00 HBB77D0
.END        01  **End of List**
***** Bottom of data *****

MA 0.1 02/12/21.043 09:43AM RS88 3,17
```

SYSP Panel – Search PARMLIB Data Sets

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
-----
Display Filter View Print Options Search Help
-----
SDSF DATA SET SEARCH  PROG      FOUND      LINE 1-5 (5)
COMMAND INPUT ==>      SCROLL ==> CSR
PREFIX=*  DEST=(ALL)  OWNER=*  SYSNAME=
ACTION=+-Extend,/-Show,//-Block,=-Repeat,SB-ISPFBrowse,SE-ISPFEEdit,SV-ISPFView
NP  DSNNAME
    RSPLEX0G.PARMLIB.Z0S205      Seq VolSer Status
    RSPLEX0G.PARMLIB             1  MCPG00 FOUND PROGRS
    RSPLEX0G.PARMLIB             2  MCPG00 FOUND PROGRS
    RSPLEX0G.PARMLIB.Z0S205      6  MCPG00 FOUND PROG88
    RSPLEX0G.PARMLIB             7  MCPG00 FOUND PROG88
    RSPLEX0G.PARMLIB            12  MCPG00 FOUND PROGZZ
```

“L” action against row on SYSP will search PARMLIB datasets to show where the specified members are found.

This example shows the result of “L” issued against the PROG row on SYSP that had “(RS,88,ZZ)”

First found member of each suffix is highlighted

“Status” includes the member name

New SDSF Secondary Panels

- Secondary panels are those that are only available as actions from another panel, typically as a specification in the “NP” column.
- Job common storage usage
 - Accessed from “DA”, “CSR”, “AS” and “AD” panels
- Job private storage subpool details
 - Accessed from “JM” panels
- Common storage subpool details
 - Accessed from “CS” panel
 - Already covered in the description of the primary panel
- Memory Structure Map
 - Accessed from “MEM” panel
 - Already covered in the description of the primary panel

Job Common Storage Launch

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
[Icons]
Display Filter View Print Options Search Help
-----
SDSF AD DISPLAY RS88 RS88 LINE 49-66 (66)
COMMAND INPUT ==> SCROLL ==> CSR
PREFIX=* DEST=(ALL) OWNER=* SORT=JOBNAME/A SYSNAME=
NP JOBNAME ASIDX StepName ProcStep JobID Owner
SMS 0026 SMS IEFPROC ASCB ASSB ASXB
SMSPDSE 0008 SMSPDSE 00FAF380 020B2000 007FD
SMSPDSE1 0009 SMSPDSE1 00FAB500 0238C000 007FD
SNMPQE 006B SNMPQE SNMPQE 00FAB380 0229D000 007FD
SYSLOGD 0072 SYSLOGD 00FA7080 0372C000 007FD
TCPIP 0050 TCPIP TCPIP 00FAB680 03766000 007FD
TNF 0048 TNF IEFPROC 00FC2000 01F86000 007FD
TN3270 004E TN3270 TN3270 00FC8300 01F8B000 007FD
TRACE 0004 TRACE 00FBC100 01F62000 007FD
TSO 004C TSO STEP1 00FABB00 0245A400 007FD
TWTOR1 002B STEP1 WTOR 00FC4700 01F6F000 007FD
VLF 0022 VLF 00F99700 020E3500 007FD
VMCF 0049 VMCF IEFPROC 00FAFB80 020DD000 007FD
JCS VTAM 0023 VTAM VTAM 00FC4880 02035000 007FD
WLM 000B WLM IEFPROC 00FAFA00 020DB000 007FD
XCFAS 0006 XCFAS IEFPROC 00FAB080 02D7F380 007FD
XDCSRVER 0067 XDCSRVER XDCSRVER 00FAB800 0244D000 007FD
ZFS 0029 ZFS ZFZG0 00FC0380 01F5F000 007FD
00F99A00 021D0500 007FD
MA 0.1 02/12/21.043 10:21AM RS88 4,21
```

Typically accessed using the “JCS” (JobCommonStorage) action on a panel that shows an address space.

Job Common Storage Panel

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Display Filter View Print Options Search Help

SDSF COMMON STORAGE RS88 RS88 0023 VTAM LINE 1-25 (360)
COMMAND INPUT ==> SCROLL ==> CSR

PREFIX=* DEST=(ALL) OWNER=* SYSNAME=
ACTION=+-Extend,-Show,/-Block,%-RunExec,=-Repeat,S-Select

NP	ADDRESS	Size	SP	Key	Type	Orphan	JobName	JobID	ASIDX	GQE
	1196A000	4096	241	6	CSA	NO	VTAM	STC04436	0023	01F87FD0
	1196B000	4096	241	6	CSA	NO	VTAM	STC04436	0023	01F87FB8
	1196C000	8192	231	6	CSA	NO	VTAM	STC04436	0023	01F87F88
	1196E000	8192	231	6	CSA	NO	VTAM	STC04436	0023	01F87F70
	11973040	360	227	6	CSA	NO	VTAM	STC04436	0023	01F87C10
	11975088	288	227	6	CSA	NO	VTAM	STC04436	0023	01F7C148
	119751A8	3672	227	6	CSA	NO	VTAM	STC04436	0023	01F87EF8
	11970000	8192	231	6	CSA	NO	VTAM	STC04436	0023	01F87F58
	11972000	4096	227	6	CSA	NO	VTAM	STC04436	0023	01F87F40
	119731A8	3672	227	6	CSA	NO	VTAM	STC04436	0023	01F87F28
	11974000	4096	227	6	CSA	NO	VTAM	STC04436	0023	01F87F10
	11969000	4096	241	6	CSA	NO	VTAM	STC04436	0023	01F87FE8
	119665B8	248	231	6	CSA	NO	VTAM	STC04436	0023	01F7C3E8
	119666B0	48	231	6	CSA	NO	VTAM	STC04436	0023	01F7C3D0
	119666E0	240	231	6	CSA	NO	VTAM	STC04436	0023	01F7C208
	119667D0	752	231	6	CSA	NO	VTAM	STC04436	0023	01F7C1D8
	11963000	4096	241	6	CSA	NO	VTAM	STC04436	0023	01F7C0E8
	11964000	4096	241	6	CSA	NO	VTAM	STC04436	0023	01F7C0B8
	119664C0	248	231	6	CSA	NO	VTAM	STC04436	0023	01F7C400
	11966AC0	1344	231	6	CSA	NO	VTAM	STC04436	0023	01F7C088
	11967000	4096	241	6	CSA	NO	VTAM	STC04436	0023	01F7C070
	11968000	4096	241	6	CSA	NO	VTAM	STC04436	0023	01F7C028
	11976000	4096	227	6	CSA	NO	VTAM	STC04436	0023	01F87EE0
	11A28000	4096	227	6	CSA	NO	VTAM	STC04436	0023	01F87D18
	11A29000	131072	231	6	CSA	NO	VTAM	STC04436	0023	01F87D00

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Can also be used on a row on the CSR panel to drill down to each block of orphaned common storage.

Job Common Storage Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Command ==> _ Show Columns Row 1 to 18 of 18

Sort column with F5. Use Locate to position to column.

/ All values Column width

Column	##	Value
ADDRESS	01	119751A8
Size	01	3672
SP	01	227
Key	01	6
Type	01	CSA
Orphan	01	NO
JobName	01	VTAM
JobID	01	STC04436
ASIDX	01	0023
GQE	01	01F87EF8
ASID	01	35
CAUB	01	0255BF10
AllocDate	01	02/08/2021 04:38:03
OrphanDate	01	
ReturnAddr	01	11C31B9C
SysName	01	RS88
SysLevel	01	z/OS 02.05.00 HBB77D0
.END	01	**End of List**

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

MA 0.1 02/12/21.043 10:08AM RS88 3,17

Job Private Storage Launch

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Display Filter View Print Options Search Help

SDSF JOB MEMORY RS88 RS88 0021 JES2 LINE 13-37 (61) SCROLL ==> CSR

COMMAND INPUT ==> PREFIX=* DEST=(ALL) OWNER=* SYSNAME=

ACTION=+-Extend,/-Show,/-Block,%-RunExec,=-Repeat,L-Details

NP	TYPE	SP	Key	Fix	FP	Total	Total-24	Total-31	Total-64	Co
	PRIVATE	14	1	NO	YES	36KB	32KB	4KB		
	PRIVATE	15	1	NO	YES	120KB	116KB	4KB		
	PRIVATE	16	1	NO	YES	124KB		124KB		
	PRIVATE	17	1	NO	YES	16KB		16KB		
	PRIVATE	18	1	NO	YES	12KB		12KB		
	PRIVATE	20	1	NO	YES	52KB		52KB		
	PRIVATE	21	1	NO	YES	48KB		48KB		
	PRIVATE	22	1	NO	YES	3204KB		3204KB		
	PRIVATE	24	1	NO	YES	32KB		32KB		
	PRIVATE	25	1	NO	YES	564KB		564KB		7
	PRIVATE	26	1	NO	YES	4KB		4KB		
	PRIVATE	28	1	NO	YES	16KB		16KB		
	PRIVATE	29	1	NO	YES	8KB		8KB		
	PRIVATE	30	1	NO	YES	76KB		76KB		
	PRIVATE	32	1	NO	YES	40KB		40KB		
	PRIVATE	33	1	NO	YES	8KB		8KB		
L	PRIVATE	34	1	NO	YES	360KB		360KB		7
	PRIVATE	132	1	NO	NO	765356KB		765356KB		
	LSQA	205	0	DREF	NO	1140KB		1140KB		
	LSQA	215	0	DREF	YES	236KB		236KB		
	LSQA	225	0	YES	YES	76KB		76KB		
	PRIVATE	229	0	NO	YES	816KB		816KB		
	PRIVATE	229	1	NO	YES	40KB	8KB	32KB		
	PRIVATE	229	5	NO	YES	128KB		128KB		
	PRIVATE	230	0	NO	NO	232KB	20KB	212KB		

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Launched using the “L” action on the JM (JobMemory) panel

In this case, we are looking at subpool 34 storage in key1 for JES2

Job Private Storage Panel

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Display Filter View Print Options Search Help

SDSF PRIVATE SP034 K01 RS88 RS88 0021 JES2 LINE 1-25 (172)

COMMAND INPUT ==> SCROLL ==> CSR

PREFIX=* DEST=(ALL) OWNER=* SYSNAME=

ACTION=+-Extend,/-Show,/--Block,%-RunExec,=-Repeat,S-Select

NP	ADDRESS	AddrEnd	Length	Status	SP	Key	BlockAddr	BlockSize	Program
	127F8000	127F8B2F	2864	ALLOC	34	1	127F8000	4096	HASJES20
	127F8B30	127F8FFF	1232	FREE	34	1	127F8000	4096	HASJES20
	1285A000	1285AB2F	2864	ALLOC	34	1	1285A000	4096	HASJES20
	1285AB30	1285AFFF	1232	FREE	34	1	1285A000	4096	HASJES20
	1285C000	1285CB2F	2864	ALLOC	34	1	1285C000	4096	HASJES20
	1285CB30	1285CFFF	1232	FREE	34	1	1285C000	4096	HASJES20
	1285E000	1285EB2F	2864	ALLOC	34	1	1285E000	4096	HASJES20
	1285EB30	1285EFFF	1232	FREE	34	1	1285E000	4096	HASJES20
	12860000	12860B2F	2864	ALLOC	34	1	12860000	4096	HASJES20
	12860B30	12860FFF	1232	FREE	34	1	12860000	4096	HASJES20
	12862000	12862B2F	2864	ALLOC	34	1	12862000	4096	HASJES20
	12862B30	12862FFF	1232	FREE	34	1	12862000	4096	HASJES20
	12864000	12864B2F	2864	ALLOC	34	1	12864000	4096	HASJES20
	12864B30	12864FFF	1232	FREE	34	1	12864000	4096	HASJES20
	12866000	12866B2F	2864	ALLOC	34	1	12866000	4096	HASJES20
	12866B30	12866FFF	1232	FREE	34	1	12866000	4096	HASJES20
	1289F000	1289FB2F	2864	ALLOC	34	1	1289F000	4096	HASJES20
	1289FB30	1289FFFF	1232	FREE	34	1	1289F000	4096	HASJES20
	128BD000	128BFCBF	11456	ALLOC	34	1	128BD000	12288	HASJES20
	128BFCC0	128BFFFF	832	FREE	34	1	128BD000	12288	HASJES20
	128C2000	128C2B2F	2864	ALLOC	34	1	128C2000	4096	HASJES20
	128C2B30	128C2FFF	1232	FREE	34	1	128C2000	4096	HASJES20
	128C4000	128C4B2F	2864	ALLOC	34	1	128C4000	4096	HASJES20
	128C4B30	128C4FFF	1232	FREE	34	1	128C4000	4096	HASJES20
	128CA000	128CAB2F	2864	ALLOC	34	1	128CA000	4096	HASJES20

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Each block in the subpool+key for the ASID is shown and broken down into allocated and free blocks

Associated owning program name shown from the TCB owning the storage

Address is enabled for point-and-shoot access to the MEM panel

New Columns On Existing Displays

- FS (File Systems)
 - TotalSpace, UsedSpace and Used%
- SMSV (SMS Volumes)
 - UsedMb
- SMSG (SMS Storage Group)
 - UsedMb
- CK (HealthChecks)
 - RextHLQ
- RES (WLM Resources)
 - SchedEnv and Description
- DA (Active Jobs)
 - XCFCGroup and SSName
- SYS (System Information)
 - TimeZoneOfs, HCSuccess, HCSevLow, HCSevMed and HCSevHigh

New Help and Search Interface

- HELP, COLSHELP and SEARCH commands converted to display SDSF panels
 - 1000s of ISPF help panels removed
 - Help text generated from the SDSF User Guide manual
 - Help for ISPF Pop-Up panels unaffected
- HELP command syntax
 - HELP {section}
 - Defaults to panel that user is on
 - Help on main panel shows help index screen
 - If outstanding message in top RHS of SDSF screen, HELP will show section “SDSFMSGSGS”
- New help command ACTH
 - Shows attributes for actions on a panel
- New help command CMDH
 - Shows attributes for commands that generate tabular panels

HELP Panel

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
-----
Display Filter View Print Options Search Help
-----
SDSF HELP RS88 SECTION MAIN LINE 1-26 (248)
COMMAND INPUT ==> SCROLL ==> CSR
PREFIX=* DEST=(ALL) OWNER=* SYSNAME=
NP Help-Text
What's new in z/OS SDSF Version 2 Release 5
Enhancements in previous releases
SDSF messages and codes
Introduction to SDSF server
o Invoking SDSF
o SDSF panel format
o Understanding the SDSF main panel
o Selecting a row on the main panel
o Using SDSF help
o Working with SDSF panels
o Displaying SDSF copyright information
o Using the WHO command
o Querying authorized SDSF commands
o Displaying row numbers
o Using action characters
o Using repeat and block repeat action characters
o Overtyping values in columns
o Displaying all columns for a panel
o Displaying action characters
o Showing all column values for a row
o Hiding unavailable options
o Display the alternate form of a panel
o Change the screen appearance
o Scaling data
o Setting fixed field point-and-shoot
o Filtering, sorting, and arranging panel information
MA 0.2 02/12/21.043 02:49PM RS88 4,21
```

Main help index screen

Use “S” action to select required help section

Point-and-shoot enabled

Help Panel Content

The screenshot shows a terminal window titled "RS88 Standard" with a menu bar (File, Edit, Font, Transfer, Macro, Options, Window, Help) and a toolbar. The main content area displays the help text for the CFS command, including a title line, command input, prefix, destination, owner, and system name. It also includes a description of the CF Structure panel, command keyword, access instructions, panel title information, and a diagram of the title line components. The status bar at the bottom shows the command "MA", version "0.2", date "02/12/21", time "02:53PM", and other details.

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
[Toolbar icons]
Display Filter View Print Options Search Help
-----
SDSF HELP RS88 SECTION CFS LINE 1-26 (93)
COMMAND INPUT ==> SCROLL ==> CSR
PREFIX=* DEST=(ALL) OWNER=* SYSNAME=
NP Help-Text
CF Structure panel (CFS)

The CF Structure (CFS) panel allows authorized users to display CF
structures defined to the sysplex.

Command keyword

Access the CFS panel with the CFS command from any SDSF panel.

Panel title information

The title line contains the following information:

/
SDSF CF STRUCTURES SYS1 PLEXNAME LINE 1-16 (16)
                        |
                        System you are
                        are logged
                        on to
                        Sysplex name
                        Lines displayed
\

CFS command action characters

MA 0.2 02/12/21.043 02:53PM RS88 a a 4,21
```


SEARCH Command

- Search the help content and build a results list that can be used to select the matching section that contains the search terms
- Syntax
 - SEARCH {term1} {term2} {term3} {term4}
 - Enclose “term” in single quotes if there are embedded blanks
 - Implicit OR assumed between terms
 - Case insensitive
- If no terms specified, then pop-up prompt panel displayed
 - ISPF only

SEARCH Command Example

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
Display Filter View Print Options Search Help
-----
SDSF SEARCH HELP RS88      ACTIVE USERS      LINE 1-26 (245)
COMMAND INPUT ==>          SCROLL ==> CSR
PREFIX=* DEST=(ALL) OWNER=* SYSNAME=
NP TITLE
Using action characters
Overtyping columns on tabular panels
Display the alternate form of a panel
Security and SDSF in batch
Security and SDSF in batch
Security and SDSF in batch
XCF Members and Groups panel (XCFM)
CF Structure panel (CFS)
Health Check panel (CK)
Display Active Users panel (DA)
Display Active Users panel (DA)
Display Active Users panel (DA)
Display Active Users panel (DA)
Display Active Users panel (DA)
Display Active Users panel (DA)
Display Active Users panel (DA)
Data formats - differences between REXX
Data formats - differences between REXX
Data formats - differences between REXX
Data formats - differences between REXX
Displaying output
Displaying output
Dynamic Exits panel (DYNX)
Extended Console panel (EMCS)
Enclaves panel (ENC)
Line Help-Text
8 commands, usually one or two
20 Where it is valid when using
19 DA Active users
3 To protect use of SDSF in ba
6 users to the same group rega
7 invoke SDSF (interactive, ba
5 Rows representing active mem
3 The CF Structure (CFS) panel
4 Health Checker for z/OS. The
1 Display Active Users panel (
3 The Display Active Users (DA
4 information about jobs, user
5 active in the sysplex. It al
44 o Types of address spaces:
58 swapped in (OIN), not includ
349 active.
476 The following fields can be
1 Data formats - differences b
3 SDSF panel data is the same
13 interactively.
20 displayed as N/A embe
7 o DA - Display Active User
18 tasks, and TSO users on any
73 H
4 the sysplex. Rows for consol
31 ALL,
```

User typed “SEARCH ACTIVE USERS”

Result list as shown – notice the addition of the search terms in the panel title

User can then select the row and drill down to the specific section

Help contents will be positioned to line number in results list (in this case 58)

SEARCH Command Example - Select

RS88 Standard

File Edit Font Transfer Macro Options Window Help

12345

6789

0123456789

Display Filter View Print Options Search Help

SDSF HELP RS88 SECTION DA LINE 58-83 (581)

COMMAND INPUT ==> SCROLL ==> CSR

PREFIX=* DEST=(ALL) OWNER=* SYSNAME=

NP Help-Text

swapped in (OIN), not including TSO users (NOTSU):

DA OIN NOTSU

NOTE: The maximum number of parameters is four. The information displayed may also be limited by your authorization, and by settings for filters such as FILTER, PREFIX, and SYSNAME. When parameters conflict, the last one is used.

Position	Type	Only	No	All
IN	JOB	OJOB	NOJOB	ALL
OUT	TSU	OTSU	NOTSU	ALLT
TRANS	STC	OSTC	NOSTC	ALLP
READY	INIT	OINIT	NOINIT	
		OIN	NOIN	
		OOUT	NOOUT	
		OTRANS	NOTRANS	
		OREADY	NOREADY	

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Note the starting line number

COLH – Column Help Panel

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
[Toolbar]
-----
SDSF COLUMN HELP RS88 AD LINE 1-21 (21)
COMMAND INPUT ==> SCROLL ==> CSR
PREFIX=* DEST=(ALL) OWNER=* SYSNAME=
NP COLUMN Panel Title Description
JNAME AD JOBNAME Job name, fixed field
ASIDX AD ASIDX Address space identifier in hexa
STEPN AD StepName Step name
PROCS AD ProcStep Procedure step name
JOBID AD JobID JES job ID, or work ID
OWNERID AD Owner User ID of job creator
ASCB AD ASCB ASCB address
ASSB AD ASSB ASSB address
ASXB AD ASXB ASXB address
TCB AD TCB TCB address (ASCBXTCB)
OUCB AD OUCB OUCB address
JSAB AD JSAB JSAB address
POS AD Pos Address space position
SWAPR AD SR Swap out reason code
JTYPE AD Type Job type (STC, TSU, JOB)
ASID AD ASID Address space identifier
SUBSYS AD SSName Subsystem name
CVT AD CVT CVT address
ECVT AD ECVT ECVT address
SYSNAME AD SysName System name
SYSLEVEL AD SysLevel Level of the operating system
MA 0.1 02/12/21.043 03:11PM RS88 4,21
```

COLSHELP command (COLH) converted from ISPF table display to internal SDSF command.

Contents derived from running product meta data

COLH Panel Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Show Columns

Row 1 to 17 of 17

Command ==>

Sort column with F5. Use Locate to position to column.

/ All values

Column width

Column	##	Value
COLUMN	01	EXECNODE
Panel	01	ST
Title	01	ExecNode
Description	01	Execution node name
Delayed	01	
Overtime	01	YES
Width	01	8
PAS	01	NO
SigZero	01	
JES	01	ALL
New	01	
Since	01	
Class	01	SDSF
Resource	01	ISFATTR.JOB.EXECNODE
FixedField	01	NO
SubFields	01	1
.END	01	**End of List**

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

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Attributes include if the column is valid for overtype and the SAF resource that protects it

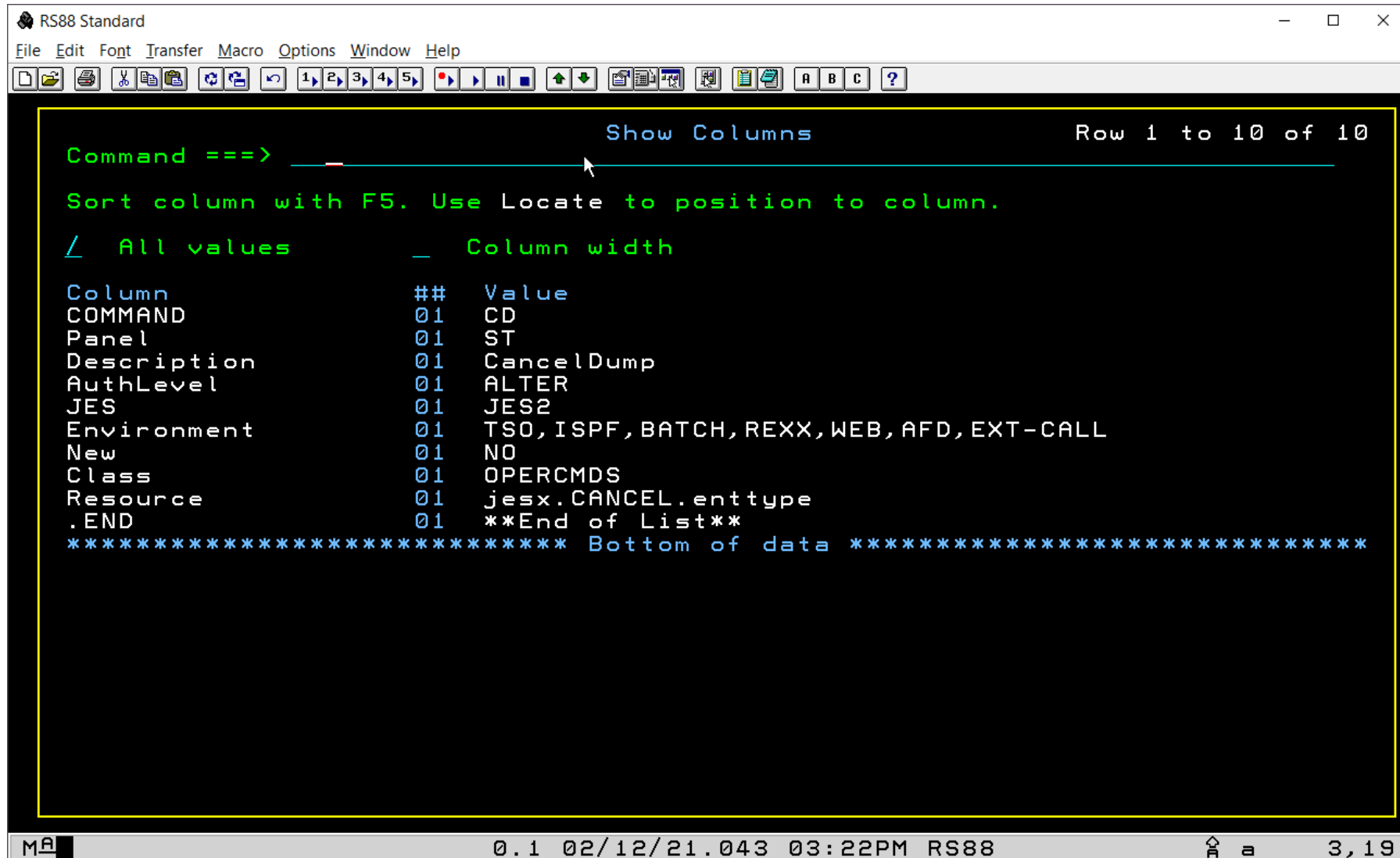
ACTH – Action Help

```
RS88 Standard
File Edit Font Transfer Macro Options Window Help
[Icons]
-----
Display Filter View Print Options Search Help
-----
SDSF ACTION HELP RS88 ST ALL LINE 1-26 (81)
COMMAND INPUT ==> SCROLL ==> CSR
PREFIX=* DEST=(ALL) OWNER=* SYSNAME=
NP COMMAND Panel Description AuthLevel JES Environment
+ ST Extend ALL TSO, ISPF, BATCH, AFD
+n ST ExtendValue ALL TSO, ISPF, BATCH, AFD
/ ST Show ALL ISPF, BATCH, AFD
% ST RunExec ALL TSO, ISPF, BATCH, AFD
%t ST RunExecName ALL TSO, ISPF, BATCH, REXX, AF
? ST JDS READ ALL TSO, ISPF, BATCH, REXX, WE
= ST Repeat ALL TSO, ISPF, BATCH, AFD
A ST Release ALTER JES3 TSO, ISPF, BATCH, REXX, WE
A ST Release ALTER JES2 TSO, ISPF, BATCH, REXX, WE
C ST Cancel ALTER JES3 TSO, ISPF, BATCH, REXX, WE
C ST Cancel ALTER JES2 TSO, ISPF, BATCH, REXX, WE
CA ST CancelARM ALTER JES3 TSO, ISPF, BATCH, REXX, WE
CA ST CancelARM ALTER JES2 TSO, ISPF, BATCH, REXX, WE
CD ST CancelDump ALTER JES3 TSO, ISPF, BATCH, REXX, WE
CD ST CancelDump ALTER JES2 TSO, ISPF, BATCH, REXX, WE
CDA ST CancelARMDump ALTER JES3 TSO, ISPF, BATCH, REXX, WE
CDA ST CancelARMDump ALTER JES2 TSO, ISPF, BATCH, REXX, WE
CDP ST CancelDumpPrint ALTER JES3 TSO, ISPF, BATCH, REXX, WE
CP ST CancelPrint ALTER JES3 TSO, ISPF, BATCH, REXX, WE
D ST Display READ JES3 TSO, ISPF, BATCH, REXX, WE
D ST Display READ JES2 TSO, ISPF, BATCH, REXX, WE
DE ST DisplayEstimates READ JES3 TSO, ISPF, BATCH, REXX, WE
DL ST DisplayLong READ JES3 TSO, ISPF, BATCH, REXX, WE
DL ST DisplayLong READ JES2 TSO, ISPF, BATCH, REXX, WE
DM ST DisplayMains READ JES3 TSO, ISPF, BATCH, REXX, WE
DMA ST DisplayMDSAlloc READ JES3 TSO, ISPF, BATCH, REXX, WE
MA 0.1 02/12/21.043 03:20PM RS88 4,25
```

New command to show the attributes for each action on an SDSF panel

Includes valid environments, JES and security resources.

ACTH Panel Columns



The screenshot shows the RS88 Standard terminal window. The title bar reads "RS88 Standard". The menu bar includes "File", "Edit", "Font", "Transfer", "Macro", "Options", "Window", and "Help". The toolbar contains various icons for file operations and editing. The main display area shows the output of the "Show Columns" command. At the top right of the display area, it says "Row 1 to 10 of 10". The command prompt is "Command ==>". The output text is as follows:

```
Sort column with F5. Use Locate to position to column.  
/ All values      _ Column width  
Column           ##  Value  
COMMAND          01  CD  
Panel            01  ST  
Description       01  CancelDump  
AuthLevel        01  ALTER  
JES              01  JES2  
Environment      01  TSO,ISPF,BATCH,REXX,WEB,AFD,EXT-CALL  
New              01  NO  
Class            01  OPERCMDS  
Resource         01  jesx.CANCEL.enttype  
.END             01  **End of List**  
***** Bottom of data *****
```

The status bar at the bottom of the window shows "MA", "0.1 02/12/21.043 03:22PM RS88", and "3,19".

CMDH Panel

RS88 Standard

File Edit Font Transfer Macro Options Window Help

Display Filter View Print Options Search Help

SDSF COMMAND HELP RS88

COMMAND INPUT ==>

PREFIX=* DEST=(ALL) OWNER=* SYSNAME=

LINE 1-26 (80)

SCROLL ==> CSR

NP	NAME	Description	JES	RMF	Sysplex	JESplex	Aux	Release	C
	ACTH	Action help information	NO	NO	NO	NO	NO	Z/OS 2.5	C
	AD	Address space diagnostic	NO	NO	YES	YES	NO	Z/OS 2.5	S
	APF	APF data sets	NO	NO	YES	YES	NO	Z/OS 2.2	S
	AS	Address space memory	NO	NO	YES	YES	NO	Z/OS 2.2	S
	CFC	CF connections	NO	NO	YES	NO	NO	Z/OS 2.3	S
	CFD	CF data sets	NO	NO	NO	NO	NO	Z/OS 2.5	S
	CFS	CF structures	NO	NO	NO	NO	NO	Z/OS 2.3	S
	CK	Health checker	NO	NO	YES	YES	NO	Z/OS 1.7	S
	CMDH	Command help information	NO	NO	NO	NO	NO	Z/OS 2.5	
	COLH	Column help information	NO	NO	NO	NO	NO	Z/OS 2.5	
	CS	Common storage subpools	NO	NO	YES	YES	NO	Z/OS 2.5	S
	CSR	Common storage remaining	NO	NO	YES	YES	NO	Z/OS 2.3	S
	DA	Active users	YES	YES	YES	YES	YES	BASE	S
	DEV	Device activity	NO	NO	YES	YES	YES	Z/OS 2.3	S
	DYNX	Dynamic exits	NO	NO	YES	YES	NO	Z/OS 2.2	S
	EMCS	Extended consoles	NO	NO	NO	NO	NO	Z/OS 2.4	S
	ENC	Enclaves	NO	NO	YES	YES	NO	BASE	S
	ENQ	Enqueues	NO	NO	NO	YES	NO	Z/OS 2.3	S
	ENQC	Enqueues	NO	NO	NO	YES	NO	Z/OS 2.3	S
	ENQD	Enqueues	NO	NO	NO	YES	NO	Z/OS 2.3	S
	FS	File systems	NO	NO	YES	YES	NO	Z/OS 2.3	S
	GT	Generic tracker	NO	NO	YES	YES	NO	Z/OS 2.3	S
	HELP	SDSF help facility	NO	NO	NO	NO	NO	Z/OS 2.5	
	H	Held output queue	YES	NO	YES	NO	NO	BASE	S
	I	Input queue	YES	NO	YES	NO	NO	BASE	S
	INIT	Initiators	YES	NO	YES	NO	NO	BASE	S

MA 0.1 02/12/21.043 03:24PM RS88 4,21

Shows attributes for SDSF commands that result in tabular panels

Dependencies on SDSFAUX, RMF and JES shown

CMDH Panel Columns

RS88 Standard

File Edit Font Transfer Macro Options Window Help

1 2 3 4 5

Show Columns Row 1 to 11 of 11

Command ==> _

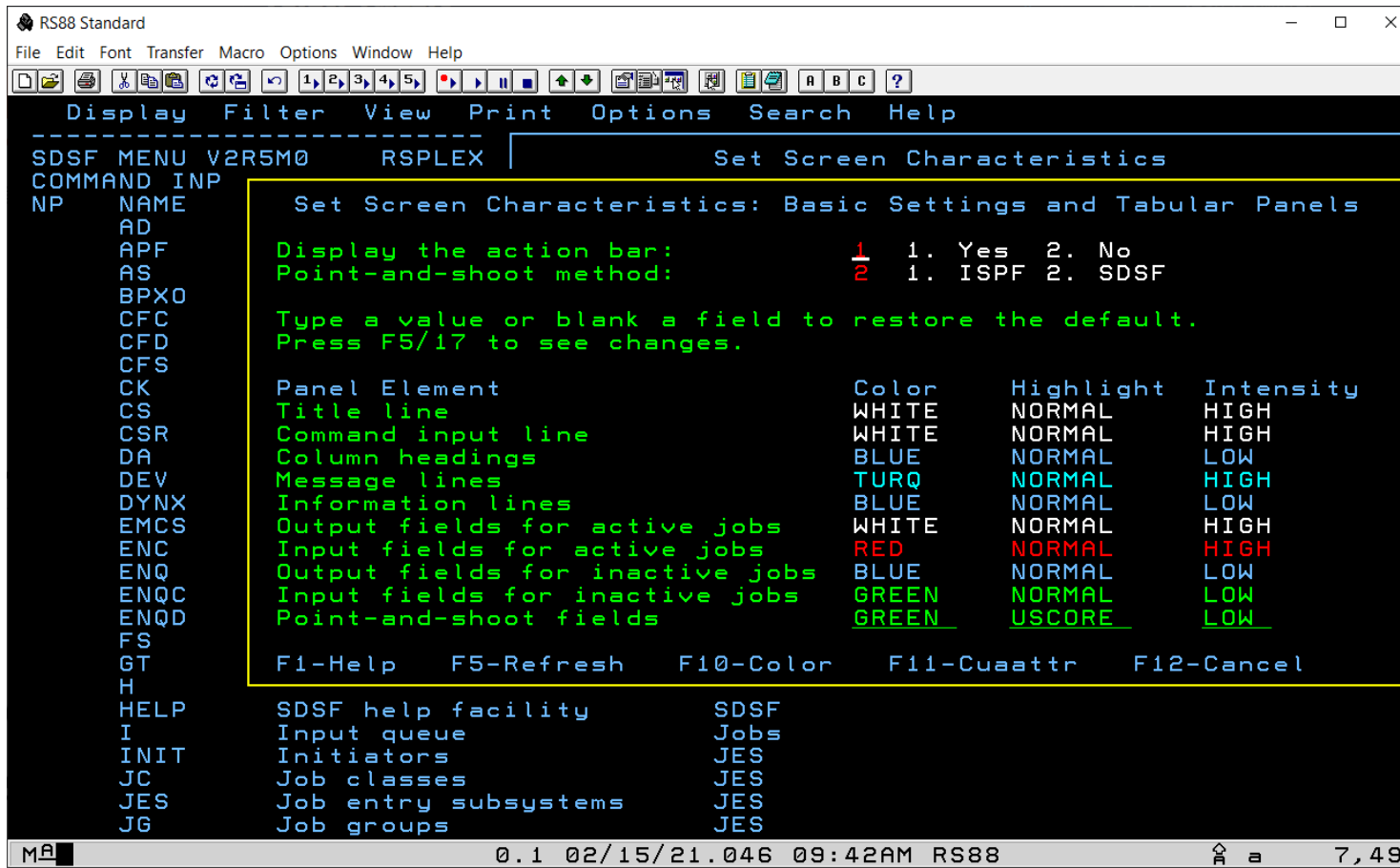
Sort column with F5. Use Locate to position to column.

All values	Column width
Column	## Value
NAME	01 DA
Description	01 Active users
JES	01 YES
RMF	01 YES
Sysplex	01 YES
JESplex	01 YES
Aux	01 YES
Release	01 BASE
Class	01 SDSF
Resource	01 ISFCMD.DSP.ACTIVE.jesx
.END	01 **End of List**
***** Bottom of data *****	

MA 0.1 02/12/21.043 03:27PM RS88 3,17

Useability Enhancements

- Point-and-shoot for memory addresses
 - Default green underlined attribute
 - Can be changed using SET SCREEN command
 - Can use ISPF CUA attributes if desired



The screenshot displays the RS88 Standard ISPF CUA interface. The main window is titled 'Set Screen Characteristics' and contains a list of panel elements with their corresponding colors, highlights, and intensities. The interface is divided into three main sections: a command input area on the left, a central display area, and a bottom status bar.

Command Input Area (Left):

```
SDSF MENU V2R5M0 RSPLEX
COMMAND INP
NP NAME
AD
APF
AS
BPX0
CFC
CFD
CFS
CK
CS
CSR
DA
DEV
DYNX
EMCS
ENC
ENQ
ENQC
ENQD
FS
GT
H
HELP
I
INIT
JC
JES
JG
```

Central Display Area:

Set Screen Characteristics: Basic Settings and Tabular Panels

Display the action bar: 1 1. Yes 2. No

Point-and-shoot method: 2 1. ISPF 2. SDSF

Type a value or blank a field to restore the default.
Press F5/17 to see changes.

Panel Element	Color	Highlight	Intensity
Title line	WHITE	NORMAL	HIGH
Command input line	WHITE	NORMAL	HIGH
Column headings	BLUE	NORMAL	LOW
Message lines	TURQ	NORMAL	HIGH
Information lines	BLUE	NORMAL	LOW
Output fields for active jobs	WHITE	NORMAL	HIGH
Input fields for active jobs	RED	NORMAL	HIGH
Output fields for inactive jobs	BLUE	NORMAL	LOW
Input fields for inactive jobs	GREEN	NORMAL	LOW
Point-and-shoot fields	GREEN	USCORE	LOW

F1-Help F5-Refresh F10-Color F11-Cuaattr F12-Cancel

Bottom Status Bar:

```
0.1 02/15/21.046 09:42AM RS88 7,49
```

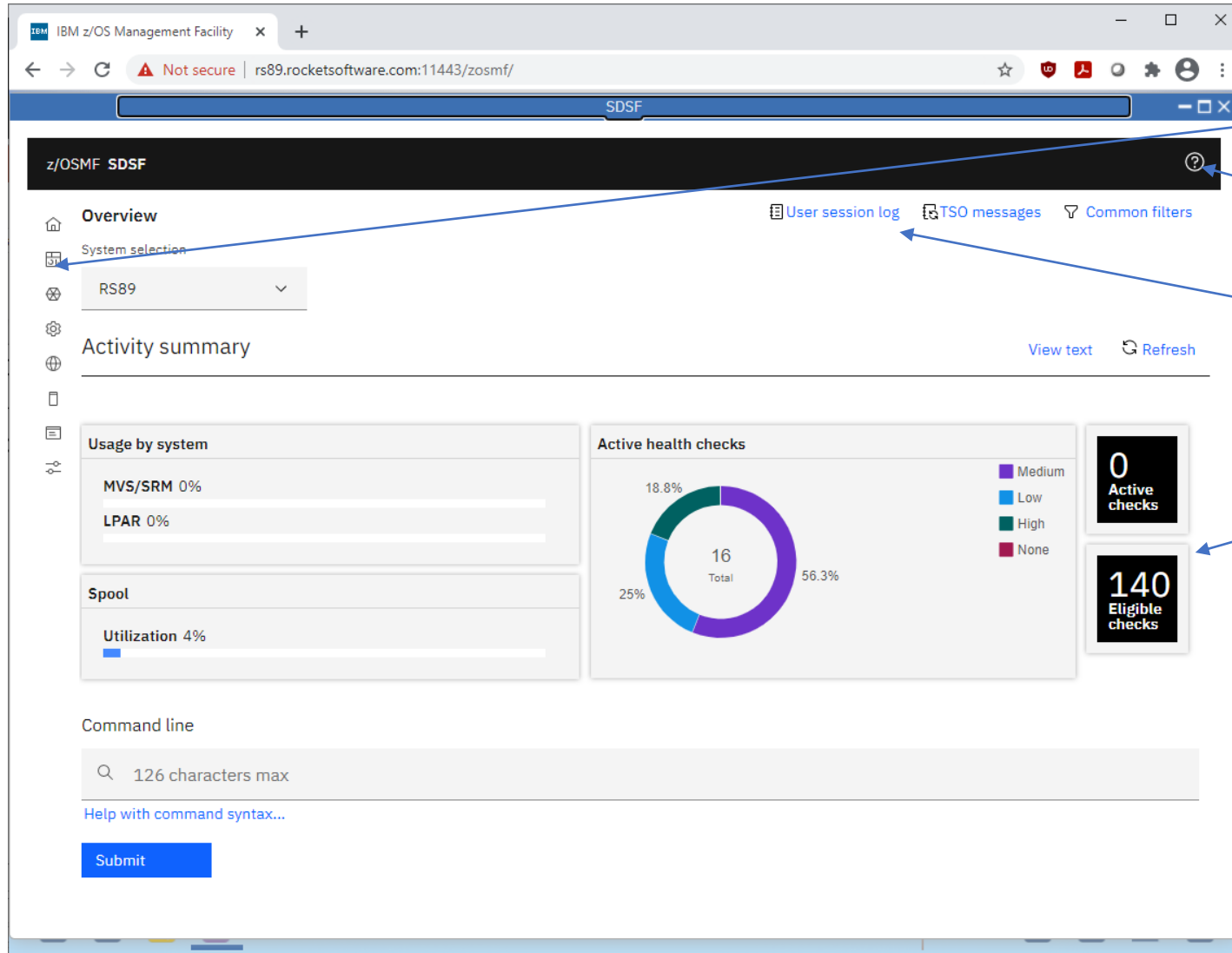
Useability Enhancements

- LOG Positioning
 - Initial entry into LOG panel now attempts to show both outstanding WTORs and latest messages
 - Previous behaviour just displayed outstanding WTORs and the user has to scroll backwards to see messages
- Wide screen z/OS operator command
 - Single line input for the slash “/” popup panel when running 34x141 or greater
 - Allows for easier manipulation of long operator commands
- All SWB fields now updatable from the JDS panel (“?”)
 - The “Q” action that produced the Output Descriptors (OD) display no longer required

z/OSMF Plug-In Enhancements

- Plug-in has been completely rewritten with new look-and-feel
- Cleaner graphics and tables
- New panels
 - Job groups
 - OMVS options
 - System parameters
 - Link list sets
 - System information
 - SMS volumes
 - File systems

z/OSMF Plug-In Enhancements



Panel selection

Context sensitive help

ULOG link

New graphics

z/OSMF Plug-in Jobs View

Click Jobs icon to view
the panel tiles

The screenshot displays the IBM z/OSMF SDSF web interface. The browser address bar shows the URL `rs89.rocketsoftware.com:11443/zosmf/`. The page title is "z/OSMF SDSF". The main navigation bar includes "Home / Jobs", "Jobs", "User session log", "TSO messages", and "Common filters". A sidebar on the left contains icons for various system components. The main content area features a grid of job-related panels, each with a "View" button. The panels are: "Active jobs" (statistics about jobs, users, tasks, and initiators), "All jobs" (information about jobs, users, and tasks on any JES queue), "Input queue" (information about jobs in the JES input queue or in execution), "Output queue" (information about job output on any non-held sysout queue), "Held output queue" (information about job output on any held sysout queue), "Memory" (statistics related to storage utilization of address spaces), "Unix processes" (information about z/OS UNIX System Services processes), and "Job groups" (information about JES2 job groups). A blue callout box points to the "Jobs" icon in the sidebar, and another blue callout box points to the "View" button of the "Active jobs" panel.

IBM z/OS Management Facility x +

Not secure | rs89.rocketsoftware.com:11443/zosmf/

SDSF

z/OSMF SDSF

Home / Jobs Jobs User session log TSO messages Common filters

Use this panel to work with all jobs, only active jobs, jobs in the input, output, or held queue, Unix processes, and address space memory.

Active jobs
Display statistics about jobs, users, started tasks, and initiators active in the sysplex.
View

All jobs
Display information about jobs, users, and started tasks on any JES queue.
View

Input queue
Display information about jobs that are on the JES input queue or are in execution.
View

Output queue
Display information about job output on any non-held sysout queue.
View

Held output queue
Display information about job output on any held sysout queue.
View

Memory
Display statistics related to storage utilization of address spaces in the sysplex.
View

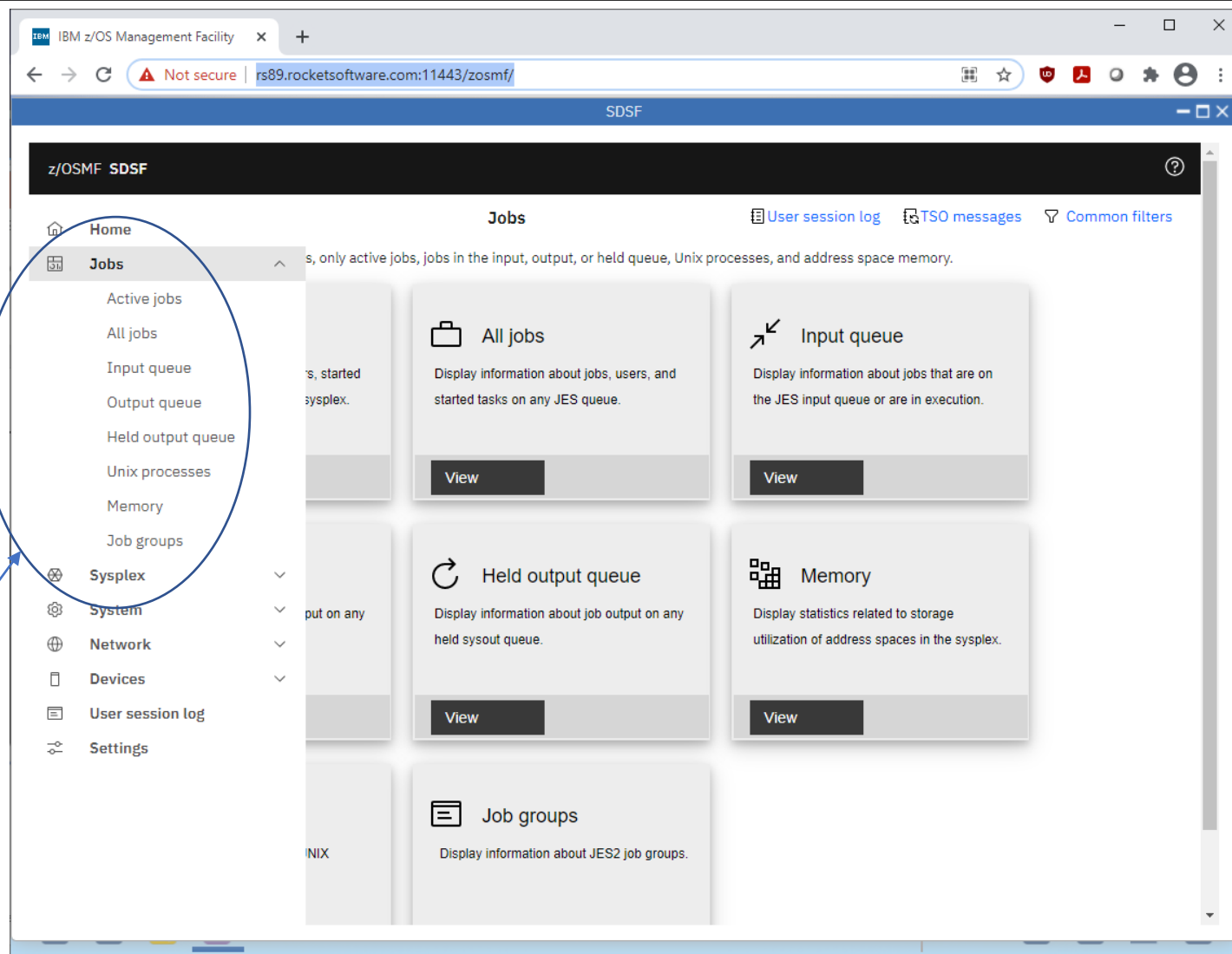
Unix processes
Display information about z/OS UNIX System Services processes.

Job groups
Display information about JES2 job groups.

Click to view panel

z/OSMF Plug-in icon expansion

Hover over icons to
select panel directly



z/OSMF Plug-in Integrated Settings

Access settings through icon
(separate desktop application
removed)

IBM z/OS Management Facility x +

Not secure | rs89.rocketsoftware.com:11443/zosmf/

SDSF

z/OSMF SDSF

SDSF settings

Environment User preferences Diagnostics

TSO logon settings:

* Logon procedure: Account number: * Region size (kilobytes): User group:

rockproc acct# 400000

JES settings:

JES designation: Force to JES2 subsystem ☐ Off

JES2 name: ☒ Use the JES2 subsystem from logon ☐ Specific JES2 name:

JES3 name: ☒ Use the JES3 subsystem from logon ☐ Specific JES3 name:

Save Reset

z/OSMF Plug-in Panel Layout

Controls (filter, settings, refresh)

The screenshot displays the IBM z/OSMF SDSF interface. The main content area shows a table of jobs with columns: JOBNAME, JobID, Owner, Prio, and Queue. The table lists several jobs, including BROWSDSF, BROWSDS1, TS5479, TS5485, SYSLOG, VTAM, HZSPROC, and INIT. A blue circle highlights the controls (filter, settings, refresh) in the top right corner of the table. A blue arrow points from the text 'Controls (filter, settings, refresh)' to this circle. The right sidebar contains a 'Properties' panel with fields for ASID, ASIDX, JobCorrelator, JobID, JOBNAME, SysName, Type, Accounting, Acct, and Email.

JOBNAME	JobID	Owner	Prio	Queue
BROWSDSF	JOB08347	TS3335	9	EXECUTION
BROWSDS1	JOB08526	TS3335A	9	EXECUTION
TS5479	TSU08764	TS5479	15	EXECUTION
TS5485	TSU08796	TS5485	15	EXECUTION
SYSLOG	STC04919	+MASTER+	15	EXECUTION
VTAM	STC04921	VTAM	15	EXECUTION
HZSPROC	STC04924	HZSPROC	15	EXECUTION
INIT	STC04942	INIT	15	EXECUTION

z/OSMF Plug-in Panel (Selected Row)

IBM z/OS Management Facility x +

Not secure | rs89.rocketsoftware.com:11443/zosmf/

SDSF

z/OSMF SDSF

Home / Jobs / All jobs All jobs User session log TSO messages Common filters

Catalog Metrics

1 item selected More actions Clear all

JOBNAME	JobID	Owner	Prty	Queue
<input checked="" type="checkbox"/> BROWSDSF	JOB08347	TS3335	9	EXECUTION
<input type="checkbox"/> BROWSDS1	JOB08526	TS3335A	9	EXECUTION
<input type="checkbox"/> TS5479	TSU08764	TS5479	15	EXECUTION
<input type="checkbox"/> TS5485	TSU08796	TS5485	15	EXECUTION
<input type="checkbox"/> SYSLOG	STC04919	+MASTER+	15	EXECUTION
<input type="checkbox"/> VTAM	STC04921	VTAM	15	EXECUTION
<input type="checkbox"/> HZSPROC	STC04924	HZSPROC	15	EXECUTION
<input type="checkbox"/> INIT	STC04942	INIT	15	EXECUTION

Items per page: 25 1-25 of 1279 items 1 of 52 pages

Properties of BROWSDSF

* properties are more current than table data

Search

Edit properties

General

ASID: 0

ASIDX: 0

JobCorrelator:

JobID: JOB08347

JOBNAME: BROWSDSF

SysName:

Type: JOB

Accounting

Acct:

Email:

z/OSMF Plug-in Panel Layout (Selected Row)

The screenshot displays the IBM z/OSMF web interface. The breadcrumb navigation at the top reads "z/OSMF SDSF" and "Home / Jobs / All jobs". Below this, there are tabs for "Catalog" and "Metrics". A table of jobs is shown, with the first row, "BROWSDSF", selected. To the right of the table, a "Properties of BROWSDSF" panel is visible, showing details like ASID, ASIDX, JobCorrelator, JobID, JOBNAME, SysName, and Type. The interface includes a "More actions" button and a "Clear all" button. A "Toggle view" button is located on the left side of the table. An "Actions dialog" is shown at the bottom left. A "Property sheet" is shown on the right side. A "Click to edit properties" button is located at the bottom right of the property sheet.

Breadcrumbs for navigation

Toggle view

Actions dialog

Property sheet

Click to edit properties

JOBNAME	JobID	Owner	Prtty	Queue
<input checked="" type="checkbox"/> BROWSDSF	JOB08347	TS3335	9	EXECUTION
<input type="checkbox"/> BROWSDS1	JOB08526	TS3335A	9	EXECUTION
<input type="checkbox"/> TS5479	TSU08764	TS5479	15	EXECUTION
<input type="checkbox"/> TS5485	TSU08796	TS5485	15	EXECUTION
<input type="checkbox"/> SYSLOG	STC04919	+MASTER+	15	EXECUTION
<input type="checkbox"/> VTAM	STC04921	VTAM	15	EXECUTION
<input type="checkbox"/> HZSPROC	STC04924	HZSPROC	15	EXECUTION
<input type="checkbox"/> INIT	STC04942	INIT	15	EXECUTION

Properties of BROWSDSF

* properties are more current than table data

Search

Edit properties

General

ASID: 0

ASIDX: 0

JobCorrelator:

JobID: JOB08347

JOBNAME: BROWSDSF

SysName:

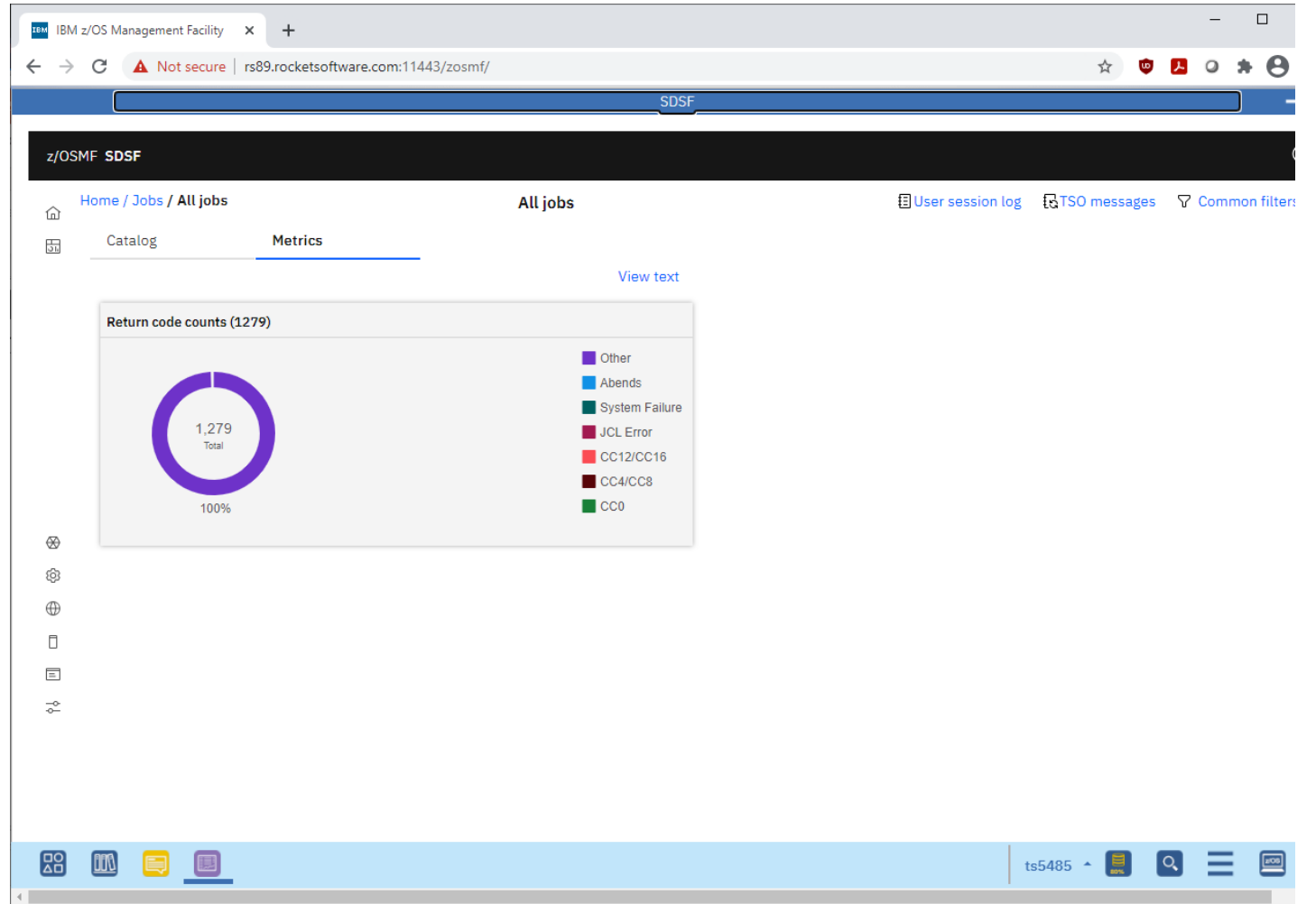
Type: JOB

Accounting

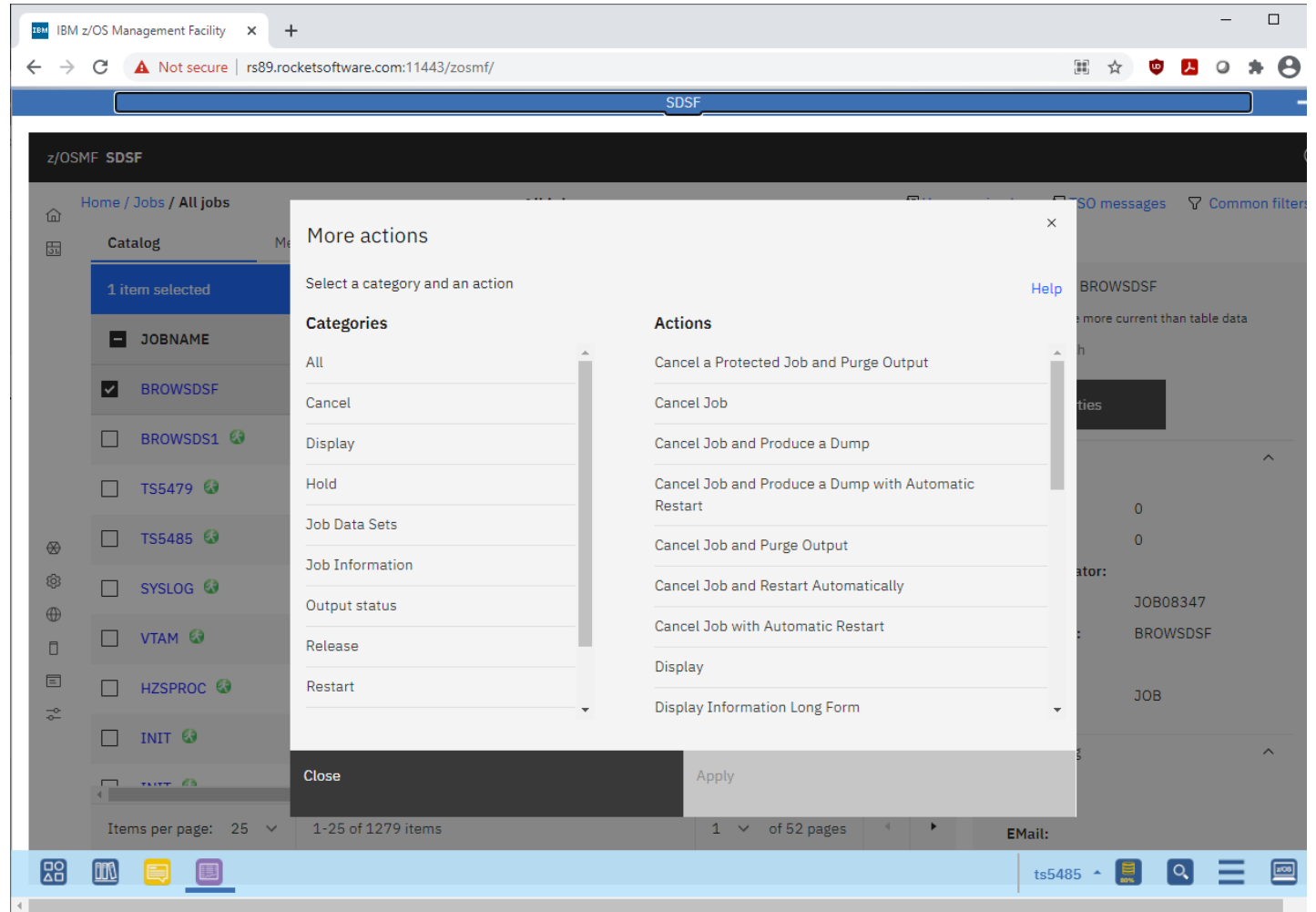
Acct:

Email:

z/OSMF Plug-in Metrics



z/OSMF Plug-in Actions Dialog



z/OSMF Plug-in Browse Panel

Click the link

The screenshot displays the IBM z/OSMF SDSF interface. The browser address bar shows 'rs89.rocketsoftware.com:11443/zosmf/'. The page title is 'z/OSMF SDSF'. The breadcrumb navigation is 'Home / Jobs / All jobs'. The main content area is titled 'All jobs' and contains a table with columns: JOBNAME, JobID, Owner, Prty, and Queue. The first row of the table is highlighted, and the 'BROWSDSF' link in the JOBNAME column is circled. A blue callout box with the text 'Click the link' points to this link. The table also includes a search bar, an 'Export data' button, and a 'Metrics' tab. The right sidebar shows the 'Properties' panel with a search bar and a list of properties including ASID, ASIDX, JobCorrelator, JobID, JOBNAME, SysName, Type, Accounting, Acct, and EMAIL.

JOBNAME	JobID	Owner	Prty	Queue
BROWSDSF	JOB08347	TS3335	9	EXECUTION
BROWSDS1	JOB08526	TS3335A	9	EXECUTION
TS5479	TSU08764	TS5479	15	EXECUTION
TS5485	TSU08796	TS5485	15	EXECUTION
SYSLOG	STC04919	+MASTER+	15	EXECUTION
VTAM	STC04921	VTAM	15	EXECUTION
HZSPROC	STC04924	HZSPROC	15	EXECUTION
INIT	STC04942	INIT	15	EXECUTION

z/OSMF Plug-in Browse Panel

The screenshot shows the z/OSMF SDSF interface. The browser address bar indicates the URL is `rs89.rocketsoftware.com:11443/zosmf/`. The page title is "z/OSMF SDSF". The breadcrumb navigation shows "Home / Jobs / All jobs / Details". The main content area displays "Details: BROWSDSF (JOB08347)". There are three annotations with blue callout boxes:

- Click button to edit JCL and resubmit**: Points to the "Edit JCL" button.
- Click tab to browse entire job**: Points to the "Browse" tab under the "Datasets" section.
- Click the link to view single data set**: Points to the "JESMSG LG" link in the dataset list.

The dataset list table is as follows:

<input type="checkbox"/>	DDNAME	StepName	ProcStep	DSID	Owner
<input type="checkbox"/>	JESMSG LG	JES2		2	TS3335
<input type="checkbox"/>	JESJCL	JES2		3	TS3335
<input type="checkbox"/>	JESYSMSG	JES2		4	TS3335

The right sidebar shows the "Properties" panel with sections for "General" and "Accounting".

z/OSMF Browse Data Set

The screenshot displays the IBM z/OSMF SDSF (System Display and Search Facility) interface in a web browser. The browser address bar shows the URL `rs89.rocketsoftware.com:11443/zosmf/`. The interface title is **z/OSMF SDSF**. The breadcrumb navigation is `Home / Jobs / All jobs / Details`. The main heading is **Details**, with links for `User session log`, `TSO messages`, and `Common filters`. The job details for **BROWSDSF (JOB08347)** are shown, with an `Edit JCL` button. The **Datasets** tab is active, displaying the dataset **JESMSGLG**. A search bar and navigation controls are present. The main content area shows a log of system messages and job steps. The log includes a header `JES2 JOB LOG -- SYSTEM RS89 -- NODE RSPLEX0H` and a date separator `01.15.22 JOB08347 ---- TUESDAY, 23 FEB 2021 ----`. Key messages include: `IRR010I USERID TS3335 IS ASSIGNED TO THIS JOB.`, `ICH70001I TS3335 LAST ACCESS AT 01:15:10 ON TUESDAY, FEBRUARY 23, 2021`, and `$HASP373 BROWSDSF STARTED - INIT 1 - CLASS A - SYS RS89`. A table of job steps follows, showing the creation of the BROWSDSF dataset. The table has columns for `JOBNAME`, `STEPNAME`, `PROCSTEP`, `STEP`, `RC`, `CPU (Total)`, `CPU (TCB)`, `CPU (SRB)`, and `zIIP Usage`. The steps are `CREATE`, `CREATE2`, and `CREATE3`, all with `RC` 00. A final message `BPXP018I THREAD 12EBE00000000000, IN PROCESS 262307, ENDED 725` is shown, followed by completion codes `725` and `40222000`. The interface also shows `DSID: 2` and `Line: 1` at the top right, and `DSID: 2` and `Line: 18` at the bottom right.

JOBNAME	STEPNAME	PROCSTEP	STEP	RC	CPU (Total)	CPU (TCB)	CPU (SRB)	zIIP Usage
BROWSDSF	CREATE		1	00	00:00:00.01	00:00:00.01	00:00:00.00	00:00:00.00
BROWSDSF	CREATE2		2	00	00:00:00.01	00:00:00.01	00:00:00.00	00:00:00.00
BROWSDSF	CREATE3		3	00	00:00:00.09	00:00:00.05	00:00:00.03	00:00:00.00

z/OSMF Plug-in JCL Editor

The screenshot displays the IBM z/OSMF JCL Editor interface. The browser address bar shows 'rs89.rocketsoftware.com:11443/zosmf/'. The main window is titled 'JCL editor' and contains a JCL program for BROWSDSF (JOB08347). The JCL code is as follows:

```
1 //BROWSDSF JOB 'ACCT#','SYSPROG', JOB08347
2 // MSGCLASS=K,NOTIFY=TS3335,CLASS=A 00020000
3 //* 00030000
4 //CREATE EXEC PGM=IEBDG,REGION=0M 00040000
5 //SYSPRINT DD SYSOUT=* 00050000
6 //* 00060000
7 //SEQOUT DD SYSOUT=*, 00070000
8 // DCB=(RECFM=VBM,LRECL=2000,BLKSIZE=0) 00080000
9 //* 00090000
10 //SYSIN DD * 00100000
11 DSD OUTPUT=(SEQOUT) 00110000
12 FD NAME=CC0,LENGTH=1,STARTLOC=1,PICTURE=1,'0' 00120000
13 FD NAME=CC1,LENGTH=1,STARTLOC=1,PICTURE=1,'1' 00130000
14 FD NAME=CC2,LENGTH=1,STARTLOC=1,PICTURE=1,'-' 00140000
15 FD NAME=CCN,LENGTH=1,STARTLOC=1,PICTURE=1,'+' 00150000
16 FD NAME=DAT1,LENGTH=300,FORMAT=AN,ACTION=RP 00160000
17 FD NAME=DAT2,LENGTH=200,FORMAT=AL,ACTION=RP 00170000
18 REPEAT QUANTITY=100 00180000
19 CREATE QUANTITY=10,NAME=(CC0,DAT1,DAT2),FILL='!' 00190000
20 CREATE QUANTITY=10,NAME=(CC1,DAT1,DAT2),FILL=' ' 00200000
21 CREATE QUANTITY=10,NAME=(CC2,DAT1,DAT2),FILL='#' 00210000
22 CREATE QUANTITY=10,NAME=(CCN,DAT1,DAT2),FILL='*' 00220000
23 END 00230000
24 //* 00240000
25 //CREATE2 EXEC PGM=IEBDG,REGION=0M 00250000
26 //SYSPRINT DD SYSOUT=* 00260000
27 //* 00270000
28 //SEQOUT2 DD SYSOUT=*, 00280000
29 // DCB=(RECFM=FBM,LRECL=1000,BLKSIZE=0) 00290000
```

At the bottom of the editor, there are 'Submit JCL' and 'Cancel' buttons. Below the editor, a status bar shows 'DSID: 2 Line: 18'. A message pane on the right shows 'messages' and 'Common filters'. A status bar at the bottom right shows 'DSID: 2 Line: 18'.

Upgrade & Coexistence Considerations

- Toleration APARs for 2.3 and 2.4 :
 - PH29560 – can be installed at any time
 - Needed for sharing ISFPRMxx and data gatherer compatibility
- Migration considerations
 - All SDSF security is now performed by SAF
 - Legacy internal SDSF security is no longer supported
 - ISFUSER exit only invoked for INIT, TERM and PRE-SAF function codes
 - New SDSF Security Migration Guide manual
- Coexistence support
 - SDSF 2.5 is compatible with SDSF 2.3 and SDSF 2.4 in the same sysplex

Installation & Configuration

- SDSF and SDSFAUX address spaces are mandatory
 - Copy ISF.SISFJCL(SDSF) and ISF.SISFJCL(SDSFAUX) to proclib
 - Copy ISF.SISFJCL(ISFPRM00) to parmlib
 - Add “S SDSF” to COMMNDxx
- SDSF class must be RACLISTed
- Users must be authorized to CONNECT to SDSF server
 - READ access to ISF.CONNECT.sysname in the SDSF class
- ISFPRMxx AUXSAF(FAILRC4/NOFAILRC4) dictates how to treat SAF “no decision” conditions
 - FAILRC4 converts “no decision” to “access denied” – this is the default
 - NOFAILRC4 converts “no decision” to “allow allowed” – useful during security migration
 - Previously NOFAILRC4 would “fall back” to any internal SDSF security rules – this is no longer the case

Summary

- SDSF now only uses SAF for security
 - Migration may be required
 - Migration can be performed on 2.3 and 2.4 prior to implementation of SDSF 2.5
 - Strongly recommend you migrate now
 - New SDSF Security Migration Guide manual
- New SDSF functionality
 - Lots of new panels
 - Enhanced user experience
- New z/OSMF SDSF plug-in

Appendix - Documentation

- SDSF Operation and Customization (SA24-2274)
- SDSF User's Guide (SC27-9028)
- SDSF Security Migration Guide (SC27-4942)
- SDSF REXXHELP command
 - Contains SDSF/REXX usage, syntax, and examples
- SDSF RGEN command
 - Generates starter SDSF/REXX execs and examples
- SDSF Javadoc
 - Contains SDSF/Java documentation
 - Download from /usr/lpp/java/classes/isfjcallDoc.jar
- SDSF SEARCH command
- SDSF HELP command (PF1)
 - See the "NEWIN25" section from the help index panel