

J E S 2 J O B L O G

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16.40.58 JOB 116 IEF677I WARNING MESSAGE(S) FOR JOB VSTESTE2 ISSUED
16.40.58 JOB 116 $HASP373 VSTESTE2 STARTED - INIT 1 - CLASS A - SYS HMVS
16.40.58 JOB 116 IEF403I VSTESTE2 - STARTED - TIME=16.40.58
16.40.58 JOB 116 IEC130I SYSPUNCH DD STATEMENT MISSING
16.40.59 JOB 116 IEC130I SYSPUNCH DD STATEMENT MISSING
16.40.59 JOB 116 CCI001C COB      /IKFCBL00/00:00:00.05/      /00000/1      /VSTESTE2
16.40.59 JOB 116 CCI001C LKED    /IEWL      /00:00:00.02/      /00000/1      /VSTESTE2
16.40.59 JOB 116 CCI001C GO      /PGM=*.DD/00:00:00.01/  /00000/1      /VSTESTE2
16.40.59 JOB 116 IEF404I VSTESTE2 - ENDED - TIME=16.40.59
16.40.59 JOB 116 $HASP395 VSTESTE2 ENDED
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----- JES2 JOB STATISTICS -----

07 JUL 20 JOB EXECUTION DATE

18 CARDS READ

525 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

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1 //VSTESTE2 JOB 1,'VSAMIO IVP ESDSLOAD ',CLASS=A,MSGCLASS=X, JOB 116
// REGION=4M
***
*****
*** COBOL MODULE: ESDSLOAD VSAM DATASET: VSTESTES.CLUSTER (ESDS)
***
*** SEQUENTIALLY LOADS ENTRY SEQUENCED DATASET
*****
***
2 //COB EXEC COBUCLG,REGION.GO=1M,CPARM1='LOAD,LIB,DMAP'
3 XXCOBUCLG PROC CPARM1='LOAD,SUPMAP', 100010000
XX CPARM2='SIZE=2048K,BUF=1024K' 00020000
4 XXCOB EXEC PGM=IKFCBL00,REGION=4096K, 00040001
XX PARM='&CPARM1,&CPARM2' 00050001
5 XXSTEPLIB DD DSN=SYSC.LINKLIB,DISP=SHR 00051001
6 XXSYSPRINT DD SYSOUT=* 00060000
7 XXSYSUT1 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00070000
8 XXSYSUT2 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00080000
9 XXSYSUT3 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00090000
10 XXSYSUT4 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00100000
11 XXSYSLIN DD DSN=&LOADSET,DISP=(MOD,PASS),UNIT=SYSDA, 00110000
XX SPACE=(80,(500,100)) 00120000
12 //COB.SYSLIB DD DSN=SYSC.VSAMIO.SOURCE,DISP=SHR
13 //COB.SYSIN DD DSN=SYSC.VSAMIO.SOURCE(ESDSLOAD),DISP=SHR
14 XXLKED EXEC PGM=IEWL,PARM='LIST,XREF,LET',COND=(5,LT,COB),REGION=96K 00130000
15 XXSYSLIN DD DSN=&LOADSET,DISP=(OLD,DELETE) 00140000
16 XX DD DDNAME=SYSIN 00150000
17 XXSYSLMOD DD DSN=&GODATA(RUN),DISP=(NEW,PASS),UNIT=SYSDA, 00160000
XX SPACE=(1024,(50,20,1)) 00170000
18 //LKED.SYSLIB DD
X/SYSLIB DD DSN=SYSC.COBLIB,DISP=SHR 00180000
19 // DD DSN=SYSC.LINKLIB,DISP=SHR
20 XXSYSUT1 DD UNIT=SYSDA,SPACE=(1024,(50,20)) 00190000
21 XXSYSPRINT DD SYSOUT=* 00200000
22 XXGO EXEC PGM=*.LKED.SYSLMOD,COND=((5,LT,COB),(5,LT,LKED)) 00210000
23 //GO.SYSOUT DD SYSOUT=*
24 //GO.IMAGES DD DSN=PUB001.VSAMTEST.DATA,DISP=SHR
25 //GO.SYSUDUMP DD SYSOUT=A
26 //GO.ESDSF01 DD DSN=PUB001.VSTESTES.CLUSTER,DISP=OLD

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STMT NO. MESSAGE

4 IEF653I SUBSTITUTION JCL - PARM='LOAD,LIB,DMAP,SIZE=2048K,BUF=1024K'  
22 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED

IEF236I ALLOC. FOR VSTESTE2 COB COB  
IEF237I 253 ALLOCATED TO STEPLIB  
IEF237I 253 ALLOCATED TO SYS00161  
IEF237I JES2 ALLOCATED TO SYSPRINT  
IEF237I 380 ALLOCATED TO SYSUT1  
IEF237I 251 ALLOCATED TO SYSUT2  
IEF237I 370 ALLOCATED TO SYSUT3  
IEF237I 252 ALLOCATED TO SYSUT4  
IEF237I 370 ALLOCATED TO SYSLIN  
IEF237I 253 ALLOCATED TO SYSLIB  
IEF237I 253 ALLOCATED TO SYSIN

IEC130I SYSPUNCH DD STATEMENT MISSING  
IEC130I SYSPUNCH DD STATEMENT MISSING

IEF142I VSTESTE2 COB COB - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYSC.LINKLIB KEPT \*-----0  
IEF285I VOL SER NOS= SYSCP. KEPT \*-----0  
IEF285I UCSYSCP. KEPT \*-----0  
IEF285I VOL SER NOS= SYSCP. SYSOUT  
IEF285I JES2.JOB00116.S00101 DELETED \*-----6  
IEF285I SYS20189.T164058.RA00.VSTESTE2.R0000001 DELETED \*-----6  
IEF285I VOL SER NOS= MVS380. DELETED \*-----6  
IEF285I SYS20189.T164058.RA00.VSTESTE2.R0000002 DELETED \*-----9  
IEF285I VOL SER NOS= WORK00. DELETED \*-----6  
IEF285I SYS20189.T164058.RA00.VSTESTE2.R0000003 DELETED \*-----6  
IEF285I VOL SER NOS= MVS370. DELETED \*-----6  
IEF285I SYS20189.T164058.RA00.VSTESTE2.R0000004 DELETED \*-----6  
IEF285I VOL SER NOS= WORK01. PASSED \*-----67  
IEF285I SYS20189.T164058.RA00.VSTESTE2.LOADSET PASSED \*-----67  
IEF285I VOL SER NOS= MVS370. KEPT \*-----6  
IEF285I SYSC.VSAMIO.SOURCE KEPT \*-----6  
IEF285I VOL SER NOS= SYSCP. KEPT \*-----3  
IEF285I SYSC.VSAMIO.SOURCE KEPT \*-----3  
IEF285I VOL SER NOS= SYSCP.

IEF373I STEP /COB / START 20189.1640

IEF374I STEP /COB / STOP 20189.1640 CPU 0MIN 00.05SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 216K

\*\*\*\* JOBCARD READ 20189 16:40:58 \*\*\*\*\*

\* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS \*  
\* STEP NAME COB USER CORE 2076K TAPES USED/IO 000/000000000 START TIME 16:40:58 TCB TIME 00:00:00.05 \*  
\* PGM NAME IKFCBL00 SYSTEM CORE 216K DISKS USED/IO 005/000000103 STOP TIME 16:40:59 SRB TIME 00:00:00.02 \*  
\* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 16:40:58 ELAPSED TIME PGM LOAD 16:40:58 \*  
\*\* PGNO \* NR SRV UNITS \* ACTIVE TIME \*\* PAGES IN \*\*\* PAGES OUT \*\* # SWAPS \* PGS SWAP IN \* PGS SWAP OUT \* VIO PGS IN \* VIO PGS OUT \*\*  
\* 004 605 00:00:00.09 0 0 0 0 0 0 0 \*  
\*\*\*\*\*  
\* CPU \$ ( 0.01 ) + EXCP \$ ( 0.13 ) + MEMORY \$ ( 0.29 ) = TOTAL \$ ( 0.43 ) \*  
\*\*\*\*\*

IEF236I ALLOC. FOR VSTESTE2 LKED COB  
IEF237I 370 ALLOCATED TO SYSLIN  
IEF237I DMY ALLOCATED TO  
IEF237I 380 ALLOCATED TO SYSLMOD  
IEF237I 253 ALLOCATED TO SYSLIB  
IEF237I 253 ALLOCATED TO  
IEF237I 253 ALLOCATED TO SYS00163  
IEF237I 251 ALLOCATED TO SYSUT1  
IEF237I JES2 ALLOCATED TO SYSPRINT

IEF142I VSTESTE2 LKED COB - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYS20189.T164058.RA00.VSTESTE2.LOADSET DELETED \*-----68  
IEF285I VOL SER NOS= MVS370.

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IEF285I  SYS20189.T164058.RA000.VSTESTE2.GODATA      PASSED      *-----12
IEF285I  VOL SER NOS= MVS380.
IEF285I  SYSC.COBLIB                                KEPT        *-----27
IEF285I  VOL SER NOS= SYSCPK.
IEF285I  SYSC.LINKLIB                                KEPT        *-----0
IEF285I  VOL SER NOS= SYSCPK.
IEF285I  UCSYSCPK                                    KEPT        *-----0
IEF285I  VOL SER NOS= SYSCPK.
IEF285I  SYS20189.T164058.RA000.VSTESTE2.R0000005  DELETED     *-----0
IEF285I  VOL SER NOS= WORK00.
IEF285I  JES2.JOB00116.S00102                      SYSOUT
IEF373I  STEP /LKED      / START 20189.1640
IEF374I  STEP /LKED      / STOP  20189.1640 CPU      OMIN 00.02SEC SRB      OMIN 00.00SEC VIRT    260K SYS    208K
*****
*
*          PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS
* STEP NAME  LKED      USER CORE      260K  TAPES USED/IO 000/000000000  START  TIME  16:40:59  TCB TIME  00:00:00.02 *
* PGM NAME  IEWL      SYSTEM CORE      208K  DISKS USED/IO 004/000000107  STOP   TIME  16:40:59  SRB TIME  00:00:00.00 *
* COND CODE  0000    PRIVATE AREA SZ  4096K  ALLOC TIME  16:40:59  ELAPSED TIME  PGM LOAD  16:40:59 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*  004      568    00:00:00.02          0          0          0          0          0          0          0          0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.14) + MEMORY $ ( 0.01) = TOTAL $ ( 0.15)
*****
IEF236I  ALLOC. FOR VSTESTE2 GO COB
IEF237I  380  ALLOCATED TO PGM=*.DD
IEF237I  JES2 ALLOCATED TO SYSOUT
IEF237I  190  ALLOCATED TO IMAGES
IEF237I  190  ALLOCATED TO SYS00165
IEF237I  JES2 ALLOCATED TO SYSUDUMP
IEF237I  190  ALLOCATED TO ESDSF01
IEF142I  VSTESTE2 GO COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I  SYS20189.T164058.RA000.VSTESTE2.GODATA      KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  JES2.JOB00116.S00103                      SYSOUT
IEF285I  PUB001.VSAMTEST.DATA                      KEPT        *-----11
IEF285I  VOL SER NOS= PUB001.
IEF285I  UCPUB001                                    KEPT        *-----0
IEF285I  VOL SER NOS= PUB001.
IEF285I  JES2.JOB00116.S00104                      SYSOUT
IEF285I  PUB001.VSTESTES.CLUSTER                   KEPT        *-----2
IEF285I  VOL SER NOS= PUB001.
IEF373I  STEP /GO      / START 20189.1640
IEF374I  STEP /GO      / STOP  20189.1640 CPU      OMIN 00.01SEC SRB      OMIN 00.00SEC VIRT    64K SYS    212K
*****
*
*          PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS
* STEP NAME  GO      USER CORE      64K  TAPES USED/IO 000/000000000  START  TIME  16:40:59  TCB TIME  00:00:00.01 *
* PGM NAME  PGM=*.DD  SYSTEM CORE      212K  DISKS USED/IO 002/000000013  STOP   TIME  16:40:59  SRB TIME  00:00:00.00 *
* COND CODE  0000    PRIVATE AREA SZ  4096K  ALLOC TIME  16:40:59  ELAPSED TIME  PGM LOAD  16:40:59 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*  004      91    00:00:00.03          0          0          0          0          0          0          0          0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.01) + MEMORY $ ( 0.00) = TOTAL $ ( 0.01)
*****
IEF237I  380  ALLOCATED TO SYS00001
IEF285I  SYS20189.T164059.RA000.VSTESTE2.R0000001  KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  SYS20189.T164058.RA000.VSTESTE2.GODATA      DELETED
IEF285I  VOL SER NOS= MVS380.
IEF375I  JOB /VSTESTE2/ START 20189.1640
IEF376I  JOB /VSTESTE2/ STOP  20189.1640 CPU      OMIN 00.08SEC SRB      OMIN 00.02SEC

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00001 000100 IDENTIFICATION DIVISION.                                08100000
00002 000200 PROGRAM-ID. ESDSLOAD.                                  08110000
00003 000300 AUTHOR. JAY MOSELEY.                                  08120000
00004 000400 DATE-WRITTEN. NOVEMBER, 2001.                        08130000
00005 000500 DATE-COMPILED. JUL 7,1920.                          08140000
00006 001200 ENVIRONMENT DIVISION.                                08210000
00007 001300 CONFIGURATION SECTION.                              08220000
00008 001400 SOURCE-COMPUTER. IBM-370.                           08230000
00009 001500 OBJECT-COMPUTER. IBM-370.                           08240000
00010 001600                                                         08250000
00011 001700 INPUT-OUTPUT SECTION.                                08260000
00012 001800 FILE-CONTROL.                                        08270000
00013 001900                                                         08280000
00014 002000         SELECT RECORD-IMAGES                          08290000
00015 002100         ASSIGN TO DA-2314-S-IMAGES.                  08300000
00016 002200                                                         08310000
00017 002300 DATA DIVISION.                                      08320000
00018 002400 FILE SECTION.                                        08330000
00019 002500 FD RECORD-IMAGES                                     08340000
00020 002600         LABEL RECORDS ARE STANDARD                  08350000
00021 002700         BLOCK CONTAINS 10 RECORDS                  08360000
00022 002800         DATA RECORD IS RECORD-IMAGE.              08370000
00023 002900                                                         08380000
00024 003000 01 RECORD-IMAGE                                     PIC X(80).          08390000
00025 003100                                                         08400000
00026 003200 WORKING-STORAGE SECTION.                            08410000
00027 003300 77 END-OF-FILE-SWITCH                             PIC X(1) VALUE 'N'. 08420000
00028 003400         88 END-OF-FILE                             VALUE 'Y'.         08430000
00029 003500                                                         08440000
00030 003600 77 RECORD-COUNTER                                 PIC S9(8) VALUE +0. 08450000
00031 003700 77 COUNTER-EDIT                                 PIC ZZ,ZZZ,ZZ9.    08460000
00032 003800                                                         08470000
00033 003900 01 VSIO-PARAMETER-VALUES                          COPY VSAMIO.       08480000
00034 C 000100* ***** *06980000
00035 C 000200* ***** *06990000
00036 C 000300*         VV  VV  SSSSS  A  M  M  I III  OOOOO *07000000
00037 C 000400*         VV  VV  SS  SS  AAA  MM  MM  II  OO  OO *07010000
00038 C 000500*         VV  VV  SS  AA  AA  MMM  MMM  II  OO  OO *07020000
00039 C 000600*         VV  VV  SSSSS  AA  AA  MMMMMMMM  II  OO  OO *07030000
00040 C 000700*         VV  VV  SS  AA  AA  MM  M  MM  II  OO  OO *07040000
00041 C 000800*         VV  VV  SS  SS  AAAAAAA  MM  MM  II  OO  OO *07050000
00042 C 000900*         VVV  SS  SS  AA  AA  MM  MM  II  OO  OO *07060000
00043 C 001000*         V  SSSSS  AA  AA  MM  MM  I III  OOOOO *07070000
00044 C 001100* ***** *07080000
00045 C 001200* ***** *07090000
00046 C 001300* ***** *07100000
00047 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00048 C 001500* ACCESS ROUTINE. *07120000
00049 C 001600* ***** *07130000
00050 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00051 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00052 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00053 C 002000* ***** *07170000
00054 C 002100 01 VSIO-PARAMETER-VALUES. *07180000
    
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00055 C 002200      02 VSIO-OPEN          PIC X(08) VALUE 'OPEN      ' . 07190000
00056 C 002300      02 VSIO-CLOSE        PIC X(08) VALUE 'CLOSE      ' . 07200000
00057 C 002400      02 VSIO-READ         PIC X(08) VALUE 'READ       ' . 07210000
00058 C 002500      02 VSIO-WRITE        PIC X(08) VALUE 'WRITE      ' . 07220000
00059 C 002600      02 VSIO-REWRITE      PIC X(08) VALUE 'REWRITE   ' . 07230000
00060 C 002700      02 VSIO-DELETE       PIC X(08) VALUE 'DELETE    ' . 07240000
00061 C 002800      02 VSIO-START-KEY-EQUAL PIC X(08) VALUE 'STARTEQ   ' . 07250000
00062 C 002900      02 VSIO-START-KEY-NOTLESS PIC X(08) VALUE 'STARTGE   ' . 07260000
00063 C 003000      02 VSIO-KSDS         PIC X(04) VALUE 'KSDS     ' . 07270000
00064 C 003100      02 VSIO-ESDS         PIC X(04) VALUE 'ESDS     ' . 07280000
00065 C 003200      02 VSIO-RRDS         PIC X(04) VALUE 'RRDS     ' . 07290000
00066 C 003300      02 VSIO-SEQUENTIAL   PIC X(10) VALUE 'SEQUENTIAL ' . 07300000
00067 C 003400      02 VSIO-DIRECT       PIC X(10) VALUE 'DIRECT    ' . 07310000
00068 C 003500      02 VSIO-DYNAMIC      PIC X(10) VALUE 'DYNAMIC   ' . 07320000
00069 C 003600      02 VSIO-INPUT        PIC X(06) VALUE 'INPUT     ' . 07330000
00070 C 003700      02 VSIO-OUTPUT       PIC X(06) VALUE 'OUTPUT    ' . 07340000
00071 C 003800      02 VSIO-INPUT-OUTPUT PIC X(06) VALUE 'UPDATE    ' . 07350000
00072 C 003900      02 VSIO-INPUT-OUTPUT PIC X(06) VALUE 'UPDATE    ' . 07360000
00073 C 004000* ***** *07370000
00074 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00075 C 004200* THE ROUTINE. *07390000
00076 C 004300* ***** *07400000
00077 C 004400 01 VSIO-PARAMETER-BLOCK. *07410000
00078 C 004500      02 VSIO-COMMAND      PIC X(08). *07420000
00079 C 004600      02 VSIO-RETURN-CODE  PIC S9(04) COMP. *07430000
00080 C 004700          88 VSIO-SUCCESS          VALUE +0. *07440000
00081 C 004800          88 VSIO-LOGIC-ERROR        VALUE +8. *07450000
00082 C 004900          88 VSIO-END-OF-FILE          VALUE +9999. *07460000
00083 C 005000          88 VSIO-PARAMETER-ERROR      VALUE +20 THRU +28. *07470000
00084 C 005100          88 VSIO-COMMAND-UNKNOWN      VALUE +20. *07480000
00085 C 005200          88 VSIO-DATASET-ALREADY-OPEN  VALUE +21. *07490000
00086 C 005300          88 VSIO-DATASET-NOT-OPEN      VALUE +22. *07500000
00087 C 005400          88 VSIO-ORGANIZATION-KEYWORD  VALUE +23. *07510000
00088 C 005500          88 VSIO-ACCESS-KEYWORD        VALUE +24. *07520000
00089 C 005600          88 VSIO-ACCESS-UNSUPPORTED    VALUE +25. *07530000
00090 C 005700          88 VSIO-MODE-KEYWORD          VALUE +26. *07540000
00091 C 005800          88 VSIO-MODE-UNSUPPORTED      VALUE +27. *07550000
00092 C 005900          88 VSIO-DDNAME-BLANK          VALUE +28. *07560000
00093 C 006000      02 VSIO-VSAM-RETURN-CODE  PIC S9(04) COMP. *07570000
00094 C 006100      02 VSIO-VSAM-FUNCTION-CODE PIC S9(04) COMP. *07580000
00095 C 006200      02 VSIO-VSAM-FEEDBACK-CODE PIC S9(04) COMP. *07590000
00096 C 006300          88 VSIO-DUPLICATE-RECORD      VALUE +8. *07600000
00097 C 006400          88 VSIO-SEQUENCE-ERROR        VALUE +12. *07610000
00098 C 006500          88 VSIO-RECORD-NOT-FOUND      VALUE +16. *07620000
00099 C 006600          88 VSIO-NO-MORE-SPACE          VALUE +28. *07630000
00100 C 006700          88 VSIO-READ-WITHOUT-START    VALUE +88. *07640000
00101 C 006800* ***** *07650000
00102 C 006900*                END OF VSAMIO COPY BOOK *07660000
00103 C 007000* ***** *07670000
00104 C 004000 01 ESDSF01 COPY VSAMIOFB. *08490000
00105 C 000100* ***** *00000100
00106 C 000200* ***** *00000200
00107 C 000300* VV VV SSSSS A M M IIII OOOO FFFFFFFF BBBB *00000300
00108 C 000400* VV VV SS SS AAA MM MM II OO OO FF BB BB *00000400
00109 C 000500* VV VV SS AA AA MMM MMM II OO OO FF BB BB *00000500
00110 C 000600* VV VV SSSSS AA AA MMMMMMMM II OO OO FFFFF BBBB *00000600
00111 C 000700* VV VV SS AA AA MM M MM II OO OO FF BB BB *00000700

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00112 C 000800*   VV VV  SS   SS AAAAAA MM   MM  II  OO   OO FF   BB   BB *00000800
00113 C 000900*   VVV  SS   SS AA   AA MM   MM  II  OO   OO FF   BB   BB *00000900
00114 C 001000*   V    SSSSS AA   AA MM   MM IIII  OOOO  FF   BBBB   *00001000
00115 C 001100*                                     *00001100
00116 C 001200* ***** *00001200
00117 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00118 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00119 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00120 C 001600*                                     *00001600
00121 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00122 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00123 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00124 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00125 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00126 C 002200* ***** *00002200
00127 C 002300 01  ESDSF01. *00002300
00128 C 002400   02  VSIO-DDNAME          PIC  X(08)  VALUE SPACES. *00002400
00129 C 002500   02  VSIO-ORGANIZATION  PIC  X(04)  VALUE SPACES. *00002500
00130 C 002600   02  VSIO-ACCESS          PIC  X(10)  VALUE SPACES. *00002600
00131 C 002700   02  VSIO-MODE            PIC  X(06)  VALUE SPACES. *00002700
00132 C 002800   02  VSIO-RECORD-LENGTH PIC  S9(04)  COMP VALUE +0. *00002800
00133 C 002900   02  VSIO-KEY-ARGUMENT. *00002900
00134 C 003000   03  VSIO-KEY-POSITION  PIC  S9(04)  COMP VALUE +0. *00003000
00135 C 003100   03  VSIO-KEY-LENGTH        PIC  S9(04)  COMP VALUE +0. *00003100
00136 C 003200   02  VSIO-RELATIVE-RECORD REDEFINES VSIO-KEY-ARGUMENT *00003200
00137 C 003300                                     PIC  S9(08)  COMP. *00003300
00138 C 003400   02  FILLER                PIC  X(01)  VALUE 'C'. *00003400
00139 C 003500   88  VSIO-FILE-OPEN          VALUE 'O'. *00003500
00140 C 003600   88  VSIO-FILE-CLOSED        VALUE 'C'. *00003600
00141 C 003700   02  FILLER                PIC  X(161). *00003700
00142 C 003800* ***** *00003800
00143 C 003900*                               END OF VSAMIOFB COPY BOOK *00003900
00144 C 004000* ***** *00004000
00145   004100 01  ESDS-RECORD          PIC  X(80). *08500000
00146   004200 *08510000
00147   004300 PROCEDURE DIVISION. *08520000
00148   004400 *08530000
00149   004500 000-INITIATE. *08540000
00150   004600 *08550000
00151   004700   DISPLAY 'ESDSLOAD: WRITE ESDS SEQUENTIALLY'. *08560000
00152   004800   DISPLAY '-----'. *08570000
00153   004900   DISPLAY ' '. *08580000
00154   005000 *08590000
00155   005100   OPEN INPUT RECORD-IMAGES. *08600000
00156   005200 *08610000
00157   005300   MOVE 'ESDSF01' TO VSIO-DDNAME. *08620000
00158   005400   MOVE VSIO-ESDS TO VSIO-ORGANIZATION. *08630000
00159   005500   MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS. *08640000
00160   005600   MOVE VSIO-OUTPUT TO VSIO-MODE. *08650000
00161   005700   MOVE +80 TO VSIO-RECORD-LENGTH. *08660000
00162   005800   MOVE +0 TO VSIO-KEY-LENGTH, VSIO-KEY-POSITION. *08670000
00163   005900   MOVE VSIO-OPEN TO VSIO-COMMAND. *08680000
00164   006000   CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, ESDSF01, *08690000
00165   006100   ESDS-RECORD. *08700000
00166   006200*   END-CALL. *08710000
00167   006300   IF NOT VSIO-SUCCESS *08720000
00168   006400   DISPLAY 'VSAMIO ERROR OCCURRED DURING ' *08730000

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|       |         |   |          |
|-------|---------|---|----------|
| 00169 | 006500  | VSIO-COMMAND  | 08740000 |
| 00170 | 006600  | EXHIBIT NAMED VSIO-RETURN-CODE,                           | 08750000 |
| 00171 | 006700  | EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,                      | 08760000 |
| 00172 | 006800  | VSIO-VSAM-FUNCTION-CODE,                                  | 08770000 |
| 00173 | 006900  | VSIO-VSAM-FEEDBACK-CODE                                   | 08780000 |
| 00174 | 007000  | STOP RUN.   | 08790000 |
| 00175 | 007100* | END-IF.   | 08800000 |
| 00176 | 007200  |   | 08810000 |
| 00177 | 007300  | 010-PROCESS.  | 08820000 |
| 00178 | 007400  |   | 08830000 |
| 00179 | 007500  | PERFORM 110-PROCESS-DATA                                  | 08840000 |
| 00180 | 007600  | THRU 119-EXIT   | 08850000 |
| 00181 | 007700  | UNTIL END-OF-FILE   | 08860000 |
| 00182 | 007800  | OR (NOT VSIO-SUCCESS).                                    | 08870000 |
| 00183 | 007900* | END-PERFORM.  | 08880000 |
| 00184 | 008000  |   | 08890000 |
| 00185 | 008100  | 020-TERMINATE.  | 08900000 |
| 00186 | 008200  |   | 08910000 |
| 00187 | 008300  | CLOSE RECORD-IMAGES.                                      | 08920000 |
| 00188 | 008400  |   | 08930000 |
| 00189 | 008500  | MOVE VSIO-CLOSE TO VSIO-COMMAND.                          | 08940000 |
| 00190 | 008600  | CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, ESDSF01,        | 08950000 |
| 00191 | 008700  | ESDS-RECORD.  | 08960000 |
| 00192 | 008800* | END-CALL.   | 08970000 |
| 00193 | 008900  | IF NOT VSIO-SUCCESS                                       | 08980000 |
| 00194 | 009000  | DISPLAY 'VSAMIO ERROR OCCURRED DURING '                   | 08990000 |
| 00195 | 009100  | VSIO-COMMAND  | 09000000 |
| 00196 | 009200  | EXHIBIT NAMED VSIO-RETURN-CODE,                           | 09010000 |
| 00197 | 009300  | EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,                      | 09020000 |
| 00198 | 009400  | VSIO-VSAM-FUNCTION-CODE,                                  | 09030000 |
| 00199 | 009500  | VSIO-VSAM-FEEDBACK-CODE.                                  | 09040000 |
| 00200 | 009600* | END-IF.   | 09050000 |
| 00201 | 009700  |   | 09060000 |
| 00202 | 009800  | MOVE RECORD-COUNTER TO COUNTER-EDIT.                      | 09070000 |
| 00203 | 009900  | DISPLAY COUNTER-EDIT ' RECORDS WERE LOADED SUCCESSFULLY'. | 09080000 |
| 00204 | 010000  |   | 09090000 |
| 00205 | 010100  | STOP RUN.   | 09100000 |
| 00206 | 010200  |   | 09110000 |
| 00207 | 010300  | 110-PROCESS-DATA.   | 09120000 |
| 00208 | 010400  | READ RECORD-IMAGES  | 09130000 |
| 00209 | 010500  | AT END  | 09140000 |
| 00210 | 010600  | MOVE 'Y' TO END-OF-FILE-SWITCH.                           | 09150000 |
| 00211 | 010700* | END-READ.   | 09160000 |
| 00212 | 010800  |   | 09170000 |
| 00213 | 010900  | IF NOT END-OF-FILE  | 09180000 |
| 00214 | 011000  |   | 09190000 |
| 00215 | 011100  | MOVE RECORD-IMAGE TO ESDS-RECORD                          | 09200000 |
| 00216 | 011200  |   | 09210000 |
| 00217 | 011300  | MOVE VSIO-WRITE TO VSIO-COMMAND                           | 09220000 |
| 00218 | 011400  | CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, ESDSF01,        | 09230000 |
| 00219 | 011500  | ESDS-RECORD   | 09240000 |
| 00220 | 011600* | END-CALL  | 09250000 |
| 00221 | 011700  |   | 09260000 |
| 00222 | 011800  | IF VSIO-SUCCESS   | 09270000 |
| 00223 | 011900  | ADD +1 TO RECORD-COUNTER                                  | 09280000 |
| 00224 | 012000  | ELSE  | 09290000 |
| 00225 | 012100  | IF VSIO-LOGIC-ERROR                                       | 09300000 |



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00226 012200 AND VSIO-NO-MORE-SPACE 09310000
00227 012300 DISPLAY 'INSUFFICIENT SPACE DEFINED IN CLUSTER' 09320000
00228 012400 'TO CONTAIN ALL RECORDS - LOADING ' 09330000
00229 012500 'TERMINATED' 09340000
00230 012600 ELSE 09350000
00231 012700 DISPLAY 'VSAMIO ERROR OCCURRED DURING ' 09360000
00232 012800 VSIO-COMMAND 09370000
00233 012900 EXHIBIT NAMED VSIO-RETURN-CODE, 09380000
00234 013000 EXHIBIT NAMED VSIO-VSAM-RETURN-CODE, 09390000
00235 013100 VSIO-VSAM-FUNCTION-CODE, 09400000
00236 013200 VSIO-VSAM-FEEDBACK-CODE. 09410000
00237 013300* END-IF 09420000
00238 013400* END-IF 09430000
00239 013500* END-IF. 09440000
00240 013600 09450000
00241 013700 119-EXIT. 09460000
00242 013800 EXIT. 09470000
00243 013900 09480000
00244 014000 09490000
```

| INTRNL NAME | LVL | SOURCE NAME               | BASE   | DISPL | INTRNL NAME | DEFINITION | USAGE   | R | O | Q | M |
|-------------|-----|---------------------------|--------|-------|-------------|------------|---------|---|---|---|---|
| DNM=1-127   | FD  | RECORD-IMAGES             | DCB=01 |       | DNM=1-127   |            | QSAM    |   |   |   | F |
| DNM=1-153   | 01  | RECORD-IMAGE              | BL=1   | 000   | DNM=1-153   | DS 80C     | DISP    |   |   |   |   |
| DNM=1-175   | 77  | END-OF-FILE-SWITCH        | BL=2   | 000   | DNM=1-175   | DS 1C      | DISP    |   |   |   |   |
| DNM=1-206   | 88  | END-OF-FILE               |        |       | DNM=1-206   |            |         |   |   |   |   |
| DNM=1-228   | 77  | RECORD-COUNTER            | BL=2   | 001   | DNM=1-228   | DS 8C      | DISP-NM |   |   |   |   |
| DNM=1-252   | 77  | COUNTER-EDIT              | BL=2   | 009   | DNM=1-252   | DS 10C     | NM-EDIT |   |   |   |   |
| DNM=1-289   | 01  | VSIO-PARAMETER-VALUES     | BL=2   | 018   | DNM=1-289   | DS 0CL124  | GROUP   |   |   |   |   |
| DNM=1-323   | 02  | VSIO-OPEN                 | BL=2   | 018   | DNM=1-323   | DS 8C      | DISP    |   |   |   |   |
| DNM=1-342   | 02  | VSIO-CLOSE                | BL=2   | 020   | DNM=1-342   | DS 8C      | DISP    |   |   |   |   |
| DNM=1-362   | 02  | VSIO-READ                 | BL=2   | 028   | DNM=1-362   | DS 8C      | DISP    |   |   |   |   |
| DNM=1-384   | 02  | VSIO-WRITE                | BL=2   | 030   | DNM=1-384   | DS 8C      | DISP    |   |   |   |   |
| DNM=1-404   | 02  | VSIO-REWRITE              | BL=2   | 038   | DNM=1-404   | DS 8C      | DISP    |   |   |   |   |
| DNM=1-426   | 02  | VSIO-DELETE               | BL=2   | 040   | DNM=1-426   | DS 8C      | DISP    |   |   |   |   |
| DNM=1-447   | 02  | VSIO-START-KEY-EQUAL      | BL=2   | 048   | DNM=1-447   | DS 8C      | DISP    |   |   |   |   |
| DNM=1-477   | 02  | VSIO-START-KEY-NOTLESS    | BL=2   | 050   | DNM=1-477   | DS 8C      | DISP    |   |   |   |   |
| DNM=2-000   | 02  | VSIO-KSDS                 | BL=2   | 058   | DNM=2-000   | DS 4C      | DISP    |   |   |   |   |
| DNM=2-019   | 02  | VSIO-ESDS                 | BL=2   | 05C   | DNM=2-019   | DS 4C      | DISP    |   |   |   |   |
| DNM=2-038   | 02  | VSIO-RRDS                 | BL=2   | 060   | DNM=2-038   | DS 4C      | DISP    |   |   |   |   |
| DNM=2-057   | 02  | VSIO-SEQUENTIAL           | BL=2   | 064   | DNM=2-057   | DS 10C     | DISP    |   |   |   |   |
| DNM=2-082   | 02  | VSIO-DIRECT               | BL=2   | 06E   | DNM=2-082   | DS 10C     | DISP    |   |   |   |   |
| DNM=2-103   | 02  | VSIO-DYNAMIC              | BL=2   | 078   | DNM=2-103   | DS 10C     | DISP    |   |   |   |   |
| DNM=2-125   | 02  | VSIO-INPUT                | BL=2   | 082   | DNM=2-125   | DS 6C      | DISP    |   |   |   |   |
| DNM=2-145   | 02  | VSIO-OUTPUT               | BL=2   | 088   | DNM=2-145   | DS 6C      | DISP    |   |   |   |   |
| DNM=2-166   | 02  | VSIO-INPUT-OUTPUT         | BL=2   | 08E   | DNM=2-166   | DS 6C      | DISP    |   |   |   |   |
| DNM=2-193   | 01  | VSIO-PARAMETER-BLOCK      | BL=2   | 098   | DNM=2-193   | DS 0CL16   | GROUP   |   |   |   |   |
| DNM=2-226   | 02  | VSIO-COMMAND              | BL=2   | 098   | DNM=2-226   | DS 8C      | DISP    |   |   |   |   |
| DNM=2-251   | 02  | VSIO-RETURN-CODE          | BL=2   | 0A0   | DNM=2-251   | DS 2C      | COMP    |   |   |   |   |
| DNM=2-280   | 88  | VSIO-SUCCESS              |        |       | DNM=2-280   |            |         |   |   |   |   |
| DNM=2-305   | 88  | VSIO-LOGIC-ERROR          |        |       | DNM=2-305   |            |         |   |   |   |   |
| DNM=2-334   | 88  | VSIO-END-OF-FILE          |        |       | DNM=2-334   |            |         |   |   |   |   |
| DNM=2-365   | 88  | VSIO-PARAMETER-ERROR      |        |       | DNM=2-365   |            |         |   |   |   |   |
| DNM=2-395   | 88  | VSIO-COMMAND-UNKNOWN      |        |       | DNM=2-395   |            |         |   |   |   |   |
| DNM=2-429   | 88  | VSIO-DATASET-ALREADY-OPEN |        |       | DNM=2-429   |            |         |   |   |   |   |
| DNM=2-468   | 88  | VSIO-DATASET-NOT-OPEN     |        |       | DNM=2-468   |            |         |   |   |   |   |
| DNM=3-000   | 88  | VSIO-ORGANIZATION-KEYWORD |        |       | DNM=3-000   |            |         |   |   |   |   |
| DNM=3-039   | 88  | VSIO-ACCESS-KEYWORD       |        |       | DNM=3-039   |            |         |   |   |   |   |
| DNM=3-072   | 88  | VSIO-ACCESS-UNSUPPORTED   |        |       | DNM=3-072   |            |         |   |   |   |   |
| DNM=3-109   | 88  | VSIO-MODE-KEYWORD         |        |       | DNM=3-109   |            |         |   |   |   |   |
| DNM=3-140   | 88  | VSIO-MODE-UNSUPPORTED     |        |       | DNM=3-140   |            |         |   |   |   |   |
| DNM=3-175   | 88  | VSIO-DDNAME-BLANK         |        |       | DNM=3-175   |            |         |   |   |   |   |
| DNM=3-206   | 02  | VSIO-VSAM-RETURN-CODE     | BL=2   | 0A2   | DNM=3-206   | DS 2C      | COMP    |   |   |   |   |
| DNM=3-237   | 02  | VSIO-VSAM-FUNCTION-CODE   | BL=2   | 0A4   | DNM=3-237   | DS 2C      | COMP    |   |   |   |   |
| DNM=3-270   | 02  | VSIO-VSAM-FEEDBACK-CODE   | BL=2   | 0A6   | DNM=3-270   | DS 2C      | COMP    |   |   |   |   |
| DNM=3-306   | 88  | VSIO-DUPLICATE-RECORD     |        |       | DNM=3-306   |            |         |   |   |   |   |
| DNM=3-340   | 88  | VSIO-SEQUENCE-ERROR       |        |       | DNM=3-340   |            |         |   |   |   |   |
| DNM=3-373   | 88  | VSIO-RECORD-NOT-FOUND     |        |       | DNM=3-373   |            |         |   |   |   |   |
| DNM=3-408   | 88  | VSIO-NO-MORE-SPACE        |        |       | DNM=3-408   |            |         |   |   |   |   |
| DNM=3-440   | 88  | VSIO-READ-WITHOUT-START   |        |       | DNM=3-440   |            |         |   |   |   |   |
| DNM=3-477   | 01  | ESDSF01                   | BL=2   | 0A8   | DNM=3-477   | DS 0CL196  | GROUP   |   |   |   |   |
| DNM=4-000   | 02  | VSIO-DDNAME               | BL=2   | 0A8   | DNM=4-000   | DS 8C      | DISP    |   |   |   |   |
| DNM=4-021   | 02  | VSIO-ORGANIZATION         | BL=2   | 0B0   | DNM=4-021   | DS 4C      | DISP    |   |   |   |   |
| DNM=4-048   | 02  | VSIO-ACCESS               | BL=2   | 0B4   | DNM=4-048   | DS 10C     | DISP    |   |   |   |   |
| DNM=4-069   | 02  | VSIO-MODE                 | BL=2   | 0BE   | DNM=4-069   | DS 6C      | DISP    |   |   |   |   |
| DNM=4-088   | 02  | VSIO-RECORD-LENGTH        | BL=2   | 0C4   | DNM=4-088   | DS 2C      | COMP    |   |   |   |   |
| DNM=4-116   | 02  | VSIO-KEY-ARGUMENT         | BL=2   | 0C6   | DNM=4-116   | DS 0CL4    | GROUP   |   |   |   |   |

| INTRNL NAME | LVL | SOURCE NAME          | BASE | DISPL | INTRNL NAME | DEFINITION | USAGE | R | O | Q | M |
|-------------|-----|----------------------|------|-------|-------------|------------|-------|---|---|---|---|
| DNM=4-146   | 03  | VSIO-KEY-POSITION    | BL=2 | 0C6   | DNM=4-146   | DS 2C      | COMP  |   |   |   |   |
| DNM=4-176   | 03  | VSIO-KEY-LENGTH      | BL=2 | 0C8   | DNM=4-176   | DS 2C      | COMP  |   |   |   |   |
| DNM=4-201   | 02  | VSIO-RELATIVE-RECORD | BL=2 | 0C6   | DNM=4-201   | DS 4C      | COMP  | R |   |   |   |
| DNM=4-231   | 02  | FILLER               | BL=2 | 0CA   | DNM=4-231   | DS 1C      | DISP  |   |   |   |   |
| DNM=4-253   | 88  | VSIO-FILE-OPEN       |      |       | DNM=4-253   |            |       |   |   |   |   |
| DNM=4-278   | 88  | VSIO-FILE-CLOSED     |      |       | DNM=4-278   |            |       |   |   |   |   |
| DNM=4-305   | 02  | FILLER               | BL=2 | 0CB   | DNM=4-305   | DS 161C    | DISP  |   |   |   |   |
| DNM=4-324   | 01  | ESDS-RECORD          | BL=2 | 170   | DNM=4-324   | DS 80C     | DISP  |   |   |   |   |

```
*STATISTICS*      SOURCE RECORDS = 244      DATA DIVISION STATEMENTS = 65      PROCEDURE DIVISION STATEMENTS = 44
*OPTIONS IN EFFECT*  SIZE = 2097152  BUF = 1048576  LINECNT = 57  SPACE1, FLAGW, SEQ, SOURCE
*OPTIONS IN EFFECT*  DMAP, NOPMAP, NOCLIST, SUPMAP, NOXREF, LOAD, NODECK, APOST, NOTRUNC, LIB, NOVERB
*OPTIONS IN EFFECT*  ZWB
```

F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED LIST,XREF,LET  
DEFAULT OPTION(S) USED - SIZE=(231424,55296)

CROSS REFERENCE TABLE

| CONTROL SECTION |        |        | ENTRY    |          |      |          |      |          |      |          |
|-----------------|--------|--------|----------|----------|------|----------|------|----------|------|----------|
| NAME            | ORIGIN | LENGTH | NAME     | LOCATION | NAME | LOCATION | NAME | LOCATION | NAME | LOCATION |
| ESDSLOAD        | 00     | BFE    |          |          |      |          |      |          |      |          |
| ILBODSP0*       | C00    | 700    |          |          |      |          |      |          |      |          |
| ILBOSTP0*       | 1300   | 35     |          |          |      |          |      |          |      |          |
|                 |        |        | ILBOSTP1 | 1316     |      |          |      |          |      |          |
| VSAMIO *        | 1338   | D0A    |          |          |      |          |      |          |      |          |

| LOCATION | REFERS TO SYMBOL | IN CONTROL SECTION | LOCATION | REFERS TO SYMBOL | IN CONTROL SECTION |
|----------|------------------|--------------------|----------|------------------|--------------------|
| 518      | ILBOSTP0         | ILBOSTP0           | 51C      | ILBODSP0         | ILBODSP0           |
| 520      | VSAMIO           | VSAMIO             | 524      | ILBOSTP1         | ILBOSTP0           |

ENTRY ADDRESS 00

TOTAL LENGTH 2048

\*\*\*RUN DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET  
AUTHORIZATION CODE IS 0.

ESDSLOAD: WRITE ESDS SEQUENTIALLY

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100 RECORDS WERE LOADED SUCCESSFULLY