

J E S 2 J O B L O G

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17.06.32 JOB 118 IEF677I WARNING MESSAGE(S) FOR JOB VSTESTE4 ISSUED
17.06.32 JOB 118 $HASP373 VSTESTE4 STARTED - INIT 1 - CLASS A - SYS HMVS
17.06.32 JOB 118 IEF403I VSTESTE4 - STARTED - TIME=17.06.32
17.06.32 JOB 118 IEC130I SYSPUNCH DD STATEMENT MISSING
17.06.32 JOB 118 IEC130I SYSPUNCH DD STATEMENT MISSING
17.06.32 JOB 118 CCI001C COB      /IKFCBL00/00:00:00.06/      /00000/1      /VSTESTE4
17.06.32 JOB 118 CCI001C LKED    /IEWL      /00:00:00.02/      /00000/1      /VSTESTE4
17.06.32 JOB 118 CCI001C GO      /PGM=*.DD/00:00:00.01/  /00000/1      /VSTESTE4
17.06.32 JOB 118 IEF404I VSTESTE4 - ENDED - TIME=17.06.32
17.06.32 JOB 118 $HASP395 VSTESTE4 ENDED
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----- JES2 JOB STATISTICS -----

07 JUL 20 JOB EXECUTION DATE

17 CARDS READ

543 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

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1 //VSTESTE4 JOB 1,'VSAMIO IVP ESDSUPDT ',CLASS=A,MSGCLASS=X, JOB 118
// REGION=4096K
***
*****
*** COBOL MODULE: ESDSUPDT VSAM DATASET: VSTESTES.CLUSTER (ESDS)
***
*** SEQUENTIALLY READS DATASET AND UPDATES SELECTED RECORDS
*****
***
2 //COB EXEC COBUCLG,REGION.GO=1024K,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(ESDSUPDT),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.SYSUDUMP DD SYSOUT=*
25 //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 VSTESTE4 COB COB  
IEF237I 253 ALLOCATED TO STEPLIB  
IEF237I 253 ALLOCATED TO SYS00173  
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 251 ALLOCATED TO SYSLIN  
IEF237I 253 ALLOCATED TO SYSLIB  
IEF237I 253 ALLOCATED TO SYSIN

IEC130I SYSPUNCH DD STATEMENT MISSING  
IEC130I SYSPUNCH DD STATEMENT MISSING

IEF142I VSTESTE4 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.JOB00118.S00101 DELETED \*-----6  
IEF285I SYS20189.T170632.RA000.VSTESTE4.R0000001 DELETED \*-----6  
IEF285I VOL SER NOS= MVS380. DELETED \*-----6  
IEF285I SYS20189.T170632.RA000.VSTESTE4.R0000002 DELETED \*-----6  
IEF285I VOL SER NOS= WORK00. DELETED \*-----9  
IEF285I SYS20189.T170632.RA000.VSTESTE4.R0000003 DELETED \*-----6  
IEF285I VOL SER NOS= MVS370. DELETED \*-----6  
IEF285I SYS20189.T170632.RA000.VSTESTE4.R0000004 DELETED \*-----6  
IEF285I VOL SER NOS= WORK01. PASSED \*-----60  
IEF285I SYS20189.T170632.RA000.VSTESTE4.LOADSET PASSED \*-----60  
IEF285I VOL SER NOS= WORK00. 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 20189.1706

IEF374I STEP /COB / STOP 20189.1706 CPU 0MIN 00.06SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 220K

\*\*\*\* JOBCARD READ 20189 17:06:31 \*\*\*\*\*

\* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS \*  
\* STEP NAME COB USER CORE 2076K TAPES USED/IO 000/000000000 START TIME 17:06:32 TCB TIME 00:00:00.06 \*  
\* PGM NAME IKFCBL00 SYSTEM CORE 220K DISKS USED/IO 005/000000096 STOP TIME 17:06:32 SRB TIME 00:00:00.02 \*  
\* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 17:06:32 ELAPSED TIME PGM LOAD 17:06:32 \*  
\*\* PGNO \* NR SRV UNITS \* ACTIVE TIME \*\* PAGES IN \*\*\* PAGES OUT \*\* # SWAPS \* PGS SWAP IN \* PGS SWAP OUT \* VIO PGS IN \* VIO PGS OUT \*\*  
\* 004 578 00:00:00.10 0 0 0 0 0 0 0 \*  
\*\*\*\*\*  
\* CPU \$ ( 0.02 ) + EXCP \$ ( 0.12 ) + MEMORY \$ ( 0.35 ) = TOTAL \$ ( 0.49 ) \*  
\*\*\*\*\*

IEF236I ALLOC. FOR VSTESTE4 LKED COB  
IEF237I 251 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 SYS00175  
IEF237I 370 ALLOCATED TO SYSUT1  
IEF237I JES2 ALLOCATED TO SYSPRINT

IEF142I VSTESTE4 LKED COB - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYS20189.T170632.RA000.VSTESTE4.LOADSET DELETED \*-----61  
IEF285I VOL SER NOS= WORK00.

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IEF285I  SYS20189.T170632.RA000.VSTESTE4.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.T170632.RA000.VSTESTE4.R0000005  DELETED     *-----0
IEF285I  VOL SER NOS= MVS370.
IEF285I  JES2.JOB00118.S00102                      SYSOUT
IEF373I  STEP /LKED      / START 20189.1706
IEF374I  STEP /LKED      / STOP  20189.1706 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  17:06:32  TCB TIME  00:00:00.02 *
* PGM NAME   IEWL      SYSTEM CORE      208K  DISKS USED/IO 004/000000100  STOP   TIME  17:06:32  SRB TIME  00:00:00.00 *
* COND CODE  0000      PRIVATE AREA SZ  4096K  ALLOC TIME  17:06:32  ELAPSED TIME  PGM LOAD  17:06:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      529      00:00:00.03      0      0      0      0      0      0      0      0      0      0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.13) + MEMORY $ ( 0.01) = TOTAL $ ( 0.14)
*****
IEF236I  ALLOC. FOR VSTESTE4 GO COB
IEF237I  380  ALLOCATED TO PGM=*.DD
IEF237I  JES2 ALLOCATED TO SYSOUT
IEF237I  JES2 ALLOCATED TO SYSUDUMP
IEF237I  190  ALLOCATED TO ESDSF01
IEF237I  190  ALLOCATED TO SYS00177
IEF142I  VSTESTE4 GO COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I  SYS20189.T170632.RA000.VSTESTE4.GODATA      KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  JES2.JOB00118.S00103                      SYSOUT
IEF285I  JES2.JOB00118.S00104                      SYSOUT
IEF285I  PUB001.VSTESTES.CLUSTER                  KEPT        *-----2
IEF285I  VOL SER NOS= PUB001.
IEF285I  UCPUB001                                    KEPT        *-----0
IEF285I  VOL SER NOS= PUB001.
IEF373I  STEP /GO      / START 20189.1706
IEF374I  STEP /GO      / STOP  20189.1706 CPU      OMIN 00.01SEC SRB      OMIN 00.00SEC VIRT    56K SYS    216K
*****
*
*          PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS
* STEP NAME  GO      USER CORE      56K  TAPES USED/IO 000/000000000  START  TIME  17:06:32  TCB TIME  00:00:00.01 *
* PGM NAME   PGM=*.DD  SYSTEM CORE      216K  DISKS USED/IO 002/000000002  STOP   TIME  17:06:32  SRB TIME  00:00:00.00 *
* COND CODE  0000      PRIVATE AREA SZ  4096K  ALLOC TIME  17:06:32  ELAPSED TIME  PGM LOAD  17:06:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      34      00:00:00.01      0      0      0      0      0      0      0      0      0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.00) + MEMORY $ ( 0.00) = TOTAL $ ( 0.00)
*****
IEF237I  380  ALLOCATED TO SYS00001
IEF285I  SYS20189.T170632.RA000.VSTESTE4.R0000001  KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  SYS20189.T170632.RA000.VSTESTE4.GODATA      DELETED
IEF285I  VOL SER NOS= MVS380.
IEF375I  JOB /VSTESTE4/ START 20189.1706
IEF376I  JOB /VSTESTE4/ STOP  20189.1706 CPU      OMIN 00.09SEC SRB      OMIN 00.02SEC

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00055 C 003100      02 VSIO-ESDS          PIC X(04) VALUE 'ESDS'.          07280000
00056 C 003200      02 VSIO-RRDS          PIC X(04) VALUE 'RRDS'.          07290000
00057 C 003300      02 VSIO-SEQUENTIAL    PIC X(10) VALUE 'SEQUENTIAL'.    07300000
00058 C 003400      02 VSIO-DIRECT        PIC X(10) VALUE 'DIRECT'.        07310000
00059 C 003500      02 VSIO-DYNAMIC       PIC X(10) VALUE 'DYNAMIC'.       07320000
00060 C 003600      02 VSIO-INPUT         PIC X(06) VALUE 'INPUT'.         07330000
00061 C 003700      02 VSIO-OUTPUT        PIC X(06) VALUE 'OUTPUT'.        07340000
00062 C 003800      02 VSIO-INPUT-OUTPUT  PIC X(06) VALUE 'UPDATE'.        07350000
00063 C 003900                                07360000
00064 C 004000* ***** *07370000
00065 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00066 C 004200* THE ROUTINE. *07390000
00067 C 004300* ***** *07400000
00068 C 004400 01 VSIO-PARAMETER-BLOCK. *07410000
00069 C 004500      02 VSIO-COMMAND        PIC X(08). *07420000
00070 C 004600      02 VSIO-RETURN-CODE    PIC S9(04) COMP. *07430000
00071 C 004700          88 VSIO-SUCCESS          VALUE +0. *07440000
00072 C 004800          88 VSIO-LOGIC-ERROR        VALUE +8. *07450000
00073 C 004900          88 VSIO-END-OF-FILE          VALUE +9999. *07460000
00074 C 005000          88 VSIO-PARAMETER-ERROR      VALUE +20 THRU +28. *07470000
00075 C 005100          88 VSIO-COMMAND-UNKNOWN      VALUE +20. *07480000
00076 C 005200          88 VSIO-DATASET-ALREADY-OPEN  VALUE +21. *07490000
00077 C 005300          88 VSIO-DATASET-NOT-OPEN      VALUE +22. *07500000
00078 C 005400          88 VSIO-ORGANIZATION-KEYWORD  VALUE +23. *07510000
00079 C 005500          88 VSIO-ACCESS-KEYWORD        VALUE +24. *07520000
00080 C 005600          88 VSIO-ACCESS-UNSUPPORTED    VALUE +25. *07530000
00081 C 005700          88 VSIO-MODE-KEYWORD          VALUE +26. *07540000
00082 C 005800          88 VSIO-MODE-UNSUPPORTED      VALUE +27. *07550000
00083 C 005900          88 VSIO-DDNAME-BLANK          VALUE +28. *07560000
00084 C 006000      02 VSIO-VSAM-RETURN-CODE  PIC S9(04) COMP. *07570000
00085 C 006100      02 VSIO-VSAM-FUNCTION-CODE  PIC S9(04) COMP. *07580000
00086 C 006200      02 VSIO-VSAM-FEEDBACK-CODE  PIC S9(04) COMP. *07590000
00087 C 006300          88 VSIO-DUPLICATE-RECORD      VALUE +8. *07600000
00088 C 006400          88 VSIO-SEQUENCE-ERROR        VALUE +12. *07610000
00089 C 006500          88 VSIO-RECORD-NOT-FOUND      VALUE +16. *07620000
00090 C 006600          88 VSIO-NO-MORE-SPACE        VALUE +28. *07630000
00091 C 006700          88 VSIO-READ-WITHOUT-START    VALUE +88. *07640000
00092 C 006800* ***** *07650000
00093 C 006900*                END OF VSAMIO COPY BOOK *07660000
00094 C 007000* ***** *07670000
00095 C 003200 01 ESDSF01                COPY VSAMIOFB. *10990000
00096 C 000100* ***** *00000100
00097 C 000200* ***** *00000200
00098 C 000300* VV VV SSSS A M M IIII OOOO FFFFFFFF BBBB *00000300
00099 C 000400* VV VV SS SS AAA MM MM II OO OO FF BB BB *00000400
00100 C 000500* VV VV SS AA AA MMM MMM II OO OO FF BB BB *00000500
00101 C 000600* VV VV SSSS AA AA MMMMMM II OO OO FFFF BBBB *00000600
00102 C 000700* VV VV SS AA AA MM M MM II OO OO FF BB BB *00000700
00103 C 000800* VV VV SS SS AAAAAA MM MM II OO OO FF BB BB *00000800
00104 C 000900* VVV SS SS AA AA MM MM II OO OO FF BB BB *00000900
00105 C 001000* V SSSS AA AA MM MM IIII OOOO FF BBBB *00001000
00106 C 001100* ***** *00001100
00107 C 001200* ***** *00001200
00108 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00109 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00110 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00111 C 001600* ***** *00001600

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00112 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00113 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00114 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00115 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00116 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00117 C 002200* ***** *00002200
00118 C 002300 01 ESDSF01. 00002300
00119 C 002400 02 VSIO-DDNAME PIC X(08) VALUE SPACES. 00002400
00120 C 002500 02 VSIO-ORGANIZATION PIC X(04) VALUE SPACES. 00002500
00121 C 002600 02 VSIO-ACCESS PIC X(10) VALUE SPACES. 00002600
00122 C 002700 02 VSIO-MODE PIC X(06) VALUE SPACES. 00002700
00123 C 002800 02 VSIO-RECORD-LENGTH PIC S9(04) COMP VALUE +0. 00002800
00124 C 002900 02 VSIO-KEY-ARGUMENT. 00002900
00125 C 003000 03 VSIO-KEY-POSITION PIC S9(04) COMP VALUE +0. 00003000
00126 C 003100 03 VSIO-KEY-LENGTH PIC S9(04) COMP VALUE +0. 00003100
00127 C 003200 02 VSIO-RELATIVE-RECORD REDEFINES VSIO-KEY-ARGUMENT 00003200
00128 C 003300 PIC S9(08) COMP. 00003300
00129 C 003400 02 FILLER PIC X(01) VALUE 'C'. 00003400
00130 C 003500 88 VSIO-FILE-OPEN VALUE 'O'. 00003500
00131 C 003600 88 VSIO-FILE-CLOSED VALUE 'C'. 00003600
00132 C 003700 02 FILLER PIC X(161). 00003700
00133 C 003800* ***** *00003800
00134 C 003900* END OF VSAMIOFB COPY BOOK *00003900
00135 C 004000* ***** *00004000
00136 003300 01 ESDS-RECORD. 11000000
00137 003400 02 ESR-ID. 11010000
00138 003500 03 ESRI-HIGH PIC 9(2). 11020000
00139 003600 03 FILLER PIC 9(6). 11030000
00140 003700 03 ESRI-LOW PIC 9(2). 11040000
00141 003800 02 FILLER PIC X(70). 11050000
00142 003900 11060000
00143 004000 PROCEDURE DIVISION. 11070000
00144 004100 11080000
00145 004200 DISPLAY 'ESDSUPDT: READ/REWRITE ESDS SEQUENTIALLY'. 11090000
00146 004300 DISPLAY '-----'. 11100000
00147 004400 DISPLAY ' '. 11110000
00148 004500 11120000
00149 004600 000-INITIATE. 11130000
00150 004700 11140000
00151 004800 MOVE 'ESDSF01' TO VSIO-DDNAME. 11150000
00152 004900 MOVE VSIO-ESDS TO VSIO-ORGANIZATION. 11160000
00153 005000 MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS. 11170000
00154 005100 MOVE VSIO-INPUT-OUTPUT TO VSIO-MODE. 11180000
00155 005200 MOVE +80 TO VSIO-RECORD-LENGTH. 11190000
00156 005300 MOVE +0 TO VSIO-KEY-LENGTH, VSIO-KEY-POSITION. 11200000
00157 005400 MOVE VSIO-OPEN TO VSIO-COMMAND. 11210000
00158 005500 CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, ESDSF01, 11220000
00159 005600 ESDS-RECORD. 11230000
00160 005700* END-CALL. 11240000
00161 005800 IF NOT VSIO-SUCCESS 11250000
00162 005900 DISPLAY 'VSAMIO ERROR OCCURRED DURING ' 11260000
00163 006000 VSIO-COMMAND 11270000
00164 006100 EXHIBIT NAMED VSIO-RETURN-CODE, 11280000
00165 006200 EXHIBIT NAMED VSIO-VSAM-RETURN-CODE, 11290000
00166 006300 VSIO-VSAM-FUNCTION-CODE, 11300000
00167 006400 VSIO-VSAM-FEEDBACK-CODE 11310000
00168 006500 STOP RUN. 11320000

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00169	006600*	END-IF.	11330000
00170	006700		11340000
00171	006800	010-PROCESS.	11350000
00172	006900		11360000
00173	007000	PERFORM 110-PROCESS-DATA	11370000
00174	007100	THRU 119-EXIT	11380000
00175	007200	UNTIL END-OF-FILE	11390000
00176	007300	OR (NOT VSIO-SUCCESS).	11400000
00177	007400*	END-PERFORM.	11410000
00178	007500		11420000
00179	007600	020-TERMINATE.	11430000
00180	007700		11440000
00181	007800	MOVE VSIO-CLOSE TO VSIO-COMMAND.	11450000
00182	007900	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, ESDSF01,	11460000
00183	008000	ESDS-RECORD.	11470000
00184	008100*	END-CALL.	11480000
00185	008200	IF NOT VSIO-SUCCESS	11490000
00186	008300	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	11500000
00187	008400	VSIO-COMMAND	11510000
00188	008500	EXHIBIT NAMED VSIO-RETURN-CODE,	11520000
00189	008600	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	11530000
00190	008700	VSIO-VSAM-FUNCTION-CODE,	11540000
00191	008800	VSIO-VSAM-FEEDBACK-CODE.	11550000
00192	008900*	END-IF.	11560000
00193	009000		11570000
00194	009100	STOP RUN.	11580000
00195	009200		11590000
00196	009300	110-PROCESS-DATA.	11600000
00197	009400		11610000
00198	009500	MOVE VSIO-READ TO VSIO-COMMAND.	11620000
00199	009600	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, ESDSF01,	11630000
00200	009700	ESDS-RECORD.	11640000
00201	009800*	END-CALL.	11650000
00202	009900		11660000
00203	010000	IF NOT VSIO-SUCCESS	11670000
00204	010100	IF VSIO-END-OF-FILE	11680000
00205	010200	MOVE 'Y' TO END-OF-FILE-SWITCH	11690000
00206	010300	ELSE	11700000
00207	010400	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	11710000
00208	010500	VSIO-COMMAND	11720000
00209	010600	EXHIBIT NAMED VSIO-RETURN-CODE,	11730000
00210	010700	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	11740000
00211	010800	VSIO-VSAM-FUNCTION-CODE,	11750000
00212	010900	VSIO-VSAM-FEEDBACK-CODE	11760000
00213	011000	MOVE 'Y' TO END-OF-FILE-SWITCH.	11770000
00214	011100*	END-IF	11780000
00215	011200*	END-IF.	11790000
00216	011300		11800000
00217	011400	IF NOT END-OF-FILE	11810000
00218	011500	ADD +1 TO RECORD-COUNTER	11820000
00219	011600	PERFORM 120-UPDATE-PROCESS	11830000
00220	011700	THRU 129-EXIT.	11840000
00221	011800*	END-IF.	11850000
00222	011900		11860000
00223	012000	119-EXIT.	11870000
00224	012100	EXIT.	11880000
00225	012200		11890000



00226	012300	120-UPDATE-PROCESS.	11900000
00227	012400		11910000
00228	012500	IF ESRI-LOW EQUAL 2	11920000
00229	012600	OR ESRI-LOW EQUAL 6	11930000
00230	012700	OR ESRI-LOW EQUAL 7	11940000
00231	012800	MOVE RECORD-COUNTER TO COUNTER-EDIT	11950000
00232	012900	DISPLAY COUNTER-EDIT ': ' ESDS-RECORD	11960000
00233	013000	MOVE '99' TO ESRI-HIGH	11970000
00234	013100	MOVE VSIO-REWRITE TO VSIO-COMMAND	11980000
00235	013200	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, ESDSF01,	11990000
00236	013300	ESDS-RECORD	12000000
00237	013400*	END-CALL	12010000
00238	013500	IF VSIO-SUCCESS	12020000
00239	013600	DISPLAY ' UPDATED: ' ESDS-RECORD	12030000
00240	013700	ELSE	12040000
00241	013800	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	12050000
00242	013900	VSIO-COMMAND	12060000
00243	014000	EXHIBIT NAMED VSIO-RETURN-CODE,	12070000
00244	014100	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	12080000
00245	014200	VSIO-VSAM-FUNCTION-CODE,	12090000
00246	014300	VSIO-VSAM-FEEDBACK-CODE.	12100000
00247	014400*	END-IF	12110000
00248	014500*	END-IF.	12120000
00249	014600		12130000
00250	014700	129-EXIT.	12140000
00251	014800	EXIT.	12150000
00252	014900		12160000

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-170	77	END-OF-FILE-SWITCH	BL=1	000	DNM=1-170	DS 1C	DISP				
DNM=1-201	88	END-OF-FILE			DNM=1-201						
DNM=1-223	77	RECORD-COUNTER	BL=1	001	DNM=1-223	DS 8C	DISP-NM				
DNM=1-247	77	COUNTER-EDIT	BL=1	009	DNM=1-247	DS 10C	NM-EDIT				
DNM=1-284	01	VSIO-PARAMETER-VALUES	BL=1	018	DNM=1-284	DS 0CL124	GROUP				
DNM=1-318	02	VSIO-OPEN	BL=1	018	DNM=1-318	DS 8C	DISP				
DNM=1-337	02	VSIO-CLOSE	BL=1	020	DNM=1-337	DS 8C	DISP				
DNM=1-357	02	VSIO-READ	BL=1	028	DNM=1-357	DS 8C	DISP				
DNM=1-379	02	VSIO-WRITE	BL=1	030	DNM=1-379	DS 8C	DISP				
DNM=1-399	02	VSIO-REWRITE	BL=1	038	DNM=1-399	DS 8C	DISP				
DNM=1-421	02	VSIO-DELETE	BL=1	040	DNM=1-421	DS 8C	DISP				
DNM=1-442	02	VSIO-START-KEY-EQUAL	BL=1	048	DNM=1-442	DS 8C	DISP				
DNM=1-472	02	VSIO-START-KEY-NOTLESS	BL=1	050	DNM=1-472	DS 8C	DISP				
DNM=2-000	02	VSIO-KSDS	BL=1	058	DNM=2-000	DS 4C	DISP				
DNM=2-019	02	VSIO-ESDS	BL=1	05C	DNM=2-019	DS 4C	DISP				
DNM=2-038	02	VSIO-RRDS	BL=1	060	DNM=2-038	DS 4C	DISP				
DNM=2-057	02	VSIO-SEQUENTIAL	BL=1	064	DNM=2-057	DS 10C	DISP				
DNM=2-082	02	VSIO-DIRECT	BL=1	06E	DNM=2-082	DS 10C	DISP				
DNM=2-103	02	VSIO-DYNAMIC	BL=1	078	DNM=2-103	DS 10C	DISP				
DNM=2-125	02	VSIO-INPUT	BL=1	082	DNM=2-125	DS 6C	DISP				
DNM=2-145	02	VSIO-OUTPUT	BL=1	088	DNM=2-145	DS 6C	DISP				
DNM=2-166	02	VSIO-INPUT-OUTPUT	BL=1	08E	DNM=2-166	DS 6C	DISP				
DNM=2-193	01	VSIO-PARAMETER-BLOCK	BL=1	098	DNM=2-193	DS 0CL16	GROUP				
DNM=2-226	02	VSIO-COMMAND	BL=1	098	DNM=2-226	DS 8C	DISP				
DNM=2-251	02	VSIO-RETURN-CODE	BL=1	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=2-471	88	VSIO-DATASET-NOT-OPEN			DNM=2-471						
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=1	0A2	DNM=3-206	DS 2C	COMP				
DNM=3-237	02	VSIO-VSAM-FUNCTION-CODE	BL=1	0A4	DNM=3-237	DS 2C	COMP				
DNM=3-270	02	VSIO-VSAM-FEEDBACK-CODE	BL=1	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=1	0A8	DNM=3-477	DS 0CL196	GROUP				
DNM=4-000	02	VSIO-DDNAME	BL=1	0A8	DNM=4-000	DS 8C	DISP				
DNM=4-021	02	VSIO-ORGANIZATION	BL=1	0B0	DNM=4-021	DS 4C	DISP				
DNM=4-048	02	VSIO-ACCESS	BL=1	0B4	DNM=4-048	DS 10C	DISP				
DNM=4-069	02	VSIO-MODE	BL=1	0BE	DNM=4-069	DS 6C	DISP				
DNM=4-088	02	VSIO-RECORD-LENGTH	BL=1	0C4	DNM=4-088	DS 2C	COMP				
DNM=4-116	02	VSIO-KEY-ARGUMENT	BL=1	0C6	DNM=4-116	DS 0CL4	GROUP				
DNM=4-146	03	VSIO-KEY-POSITION	BL=1	0C6	DNM=4-146	DS 2C	COMP				
DNM=4-176	03	VSIO-KEY-LENGTH	BL=1	0C8	DNM=4-176	DS 2C	COMP				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-201	02	VSIO-RELATIVE-RECORD	BL=1	0C6	DNM=4-201	DS 4C	COMP	R			
DNM=4-231	02	FILLER	BL=1	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=1	0CB	DNM=4-305	DS 161C	DISP				
DNM=4-324	01	ESDS-RECORD	BL=1	170	DNM=4-324	DS 0CL80	GROUP				
DNM=4-348	02	ESR-ID	BL=1	170	DNM=4-348	DS 0CL10	GROUP				
DNM=4-367	03	ESRI-HIGH	BL=1	170	DNM=4-367	DS 2C	DISP-NM				
DNM=4-386	03	FILLER	BL=1	172	DNM=4-386	DS 6C	DISP-NM				
DNM=4-405	03	ESRI-LOW	BL=1	178	DNM=4-405	DS 2C	DISP-NM				
DNM=4-423	02	FILLER	BL=1	17A	DNM=4-423	DS 70C	DISP				

```
*STATISTICS*      SOURCE RECORDS = 252      DATA DIVISION STATEMENTS = 68      PROCEDURE DIVISION STATEMENTS = 51
*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
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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
ESDSUPDT	00	B82								
ILBODSP0*	B88	700								
ILBOSTP0*	1288	35								
			ILBOSTP1	129E						
VSAMIO *	12C0	D0A								

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
450	ILBOSTP0	ILBOSTP0	454	ILBODSP0	ILBODSP0
458	VSAMIO	VSAMIO	45C	ILBOSTP1	ILBOSTP0

ENTRY ADDRESS 00

TOTAL LENGTH 1FD0

\*\*\*RUN DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET

AUTHORIZATION CODE IS 0.

ESDSUPDT: READ/REWRITE ESDS SEQUENTIALLY

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2: 0130758002 VIRGINIA O RENFRO 2111 BRIDGE AVENUE BRIDGEPORT CT  
UPDATED: 9930758002 VIRGINIA O RENFRO 2111 BRIDGE AVENUE BRIDGEPORT CT  
6: 0561094006 TAMMY L SCHAEFER 3911 KINGS RIDGE STREET EUGENE OR  
UPDATED: 9961094006 TAMMY L SCHAEFER 3911 KINGS RIDGE STREET EUGENE OR  
7: 0593878007 LOUIS W HORTON 9722 EASTHAVEN STREET DES PLAINES IL  
UPDATED: 9993878007 LOUIS W HORTON 9722 EASTHAVEN STREET DES PLAINES IL  
52: 4813060102 REBECCA S NORTON 1175 ELLIS COURT LOUISVILLE KY  
UPDATED: 9913060102 REBECCA S NORTON 1175 ELLIS COURT LOUISVILLE KY  
56: 5105151106 SHIRLEY P TYLER 5262 BRIDGE CIRCLE FORT COLLINS CO  
UPDATED: 9905151106 SHIRLEY P TYLER 5262 BRIDGE CIRCLE FORT COLLINS CO  
57: 5220743107 CHRISTOPHER F MORGAN 9624 BONANZA AVENUE DOWNEY CA  
UPDATED: 9920743107 CHRISTOPHER F MORGAN 9624 BONANZA AVENUE DOWNEY CA