

J E S 2 J O B L O G

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17.18.11 JOB 124 IEF677I WARNING MESSAGE(S) FOR JOB VSTESTK4 ISSUED
17.18.11 JOB 124 $HASP373 VSTESTK4 STARTED - INIT 1 - CLASS A - SYS HMVS
17.18.11 JOB 124 IEF403I VSTESTK4 - STARTED - TIME=17.18.11
17.18.11 JOB 124 IEC130I SYSPUNCH DD STATEMENT MISSING
17.18.11 JOB 124 IEC130I SYSPUNCH DD STATEMENT MISSING
17.18.11 JOB 124 CCI001C COB      /IKFCBL00/00:00:00.06/      /00000/1      /VSTESTK4
17.18.11 JOB 124 CCI001C LKED    /IEWL      /00:00:00.02/      /00000/1      /VSTESTK4
17.18.11 JOB 124 CCI001C GO      /PGM=*.DD/00:00:00.01/  /00000/1      /VSTESTK4
17.18.11 JOB 124 IEF404I VSTESTK4 - ENDED - TIME=17.18.11
17.18.11 JOB 124 $HASP395 VSTESTK4 ENDED
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----- JES2 JOB STATISTICS -----

07 JUL 20 JOB EXECUTION DATE

17 CARDS READ

563 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

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1 //VSTESTK4 JOB 1,'VSAMIO IVP KSDSUPDT ',CLASS=A,MSGCLASS=X, JOB 124
// REGION=4096K
***
*****
*** COBOL MODULE: KSDSUPDT VSAM DATASET: VSTESTKS.CLUSTER (KSDS)
***
*** SEQUENTIALLY READ RECORDS AND UPDATE OR DELETE 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(KSDSUPDT),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.KSDSF01 DD DSN=PUB001.VSTESTKS.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 VSTESTK4 COB COB  
IEF237I 253 ALLOCATED TO STEPLIB  
IEF237I 253 ALLOCATED TO SYS00203  
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 VSTESTK4 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.JOB00124.S00101 DELETED \*-----6  
IEF285I SYS20189.T171811.RA00.VSTESTK4.R0000001 DELETED \*-----6  
IEF285I VOL SER NOS= MVS380. DELETED \*-----6  
IEF285I SYS20189.T171811.RA00.VSTESTK4.R0000002 DELETED \*-----9  
IEF285I VOL SER NOS= WORK00. DELETED \*-----6  
IEF285I SYS20189.T171811.RA00.VSTESTK4.R0000003 DELETED \*-----6  
IEF285I VOL SER NOS= MVS370. DELETED \*-----6  
IEF285I SYS20189.T171811.RA00.VSTESTK4.R0000004 DELETED \*-----6  
IEF285I VOL SER NOS= WORK01. PASSED \*-----66  
IEF285I SYS20189.T171811.RA00.VSTESTK4.LOADSET PASSED \*-----66  
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 20189.1718

IEF374I STEP /COB / STOP 20189.1718 CPU 0MIN 00.06SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 216K

\*\*\*\* JOBCARD READ 20189 17:18:11 \*\*\*\*

\* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS \*  
\* STEP NAME COB USER CORE 2076K TAPES USED/IO 000/000000000 START TIME 17:18:11 TCB TIME 00:00:00.06 \*  
\* PGM NAME IKFCBL00 SYSTEM CORE 216K DISKS USED/IO 005/000000102 STOP TIME 17:18:11 SRB TIME 00:00:00.02 \*  
\* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 17:18:11 ELAPSED TIME PGM LOAD 17:18:11 \*  
\*\* PGNO \* NR SRV UNITS \* ACTIVE TIME \*\* PAGES IN \*\*\* PAGES OUT \*\* # SWAPS \* PGS SWAP IN \* PGS SWAP OUT \* VIO PGS IN \* VIO PGS OUT \*\*  
\* 004 610 00:00:00.10 0 0 0 0 0 0 0 \*  
\*\*\*\*\*  
\* CPU \$ ( 0.02 ) + EXCP \$ ( 0.13 ) + MEMORY \$ ( 0.35 ) = TOTAL \$ ( 0.50 ) \*  
\*\*\*\*\*

IEF236I ALLOC. FOR VSTESTK4 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 SYS00205  
IEF237I 370 ALLOCATED TO SYSUT1  
IEF237I JES2 ALLOCATED TO SYSPRINT

IEF142I VSTESTK4 LKED COB - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYS20189.T171811.RA00.VSTESTK4.LOADSET DELETED \*-----67  
IEF285I VOL SER NOS= WORK00.

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IEF285I  SYS20189.T171811.RA000.VSTESTK4.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.T171811.RA000.VSTESTK4.R0000005  DELETED     *-----0
IEF285I  VOL SER NOS= MVS370.
IEF285I  JES2.JOB00124.S00102                      SYSOUT
IEF373I  STEP /LKED      / START 20189.1718
IEF374I  STEP /LKED      / STOP  20189.1718 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  17:18:11  TCB TIME  00:00:00.02 *
* PGM NAME   IEWL      SYSTEM CORE    208K  DISKS USED/IO 004/000000106  STOP   TIME  17:18:11  SRB TIME  00:00:00.00 *
* COND CODE  0000      PRIVATE AREA SZ  4096K  ALLOC TIME  17:18:11  ELAPSED TIME  PGM LOAD  17:18:11 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      558      00:00:00.02      0      0      0      0      0      0      0      0      0      0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.14) + MEMORY $ ( 0.01) = TOTAL $ ( 0.15)
*****
IEF236I  ALLOC. FOR VSTESTK4 GO COB
IEF237I  380  ALLOCATED TO PGM=*.DD
IEF237I  JES2 ALLOCATED TO SYSOUT
IEF237I  JES2 ALLOCATED TO SYSUDUMP
IEF237I  190  ALLOCATED TO KSDSF01
IEF237I  190  ALLOCATED TO SYS00207
IEF142I  VSTESTK4 GO COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I  SYS20189.T171811.RA000.VSTESTK4.GODATA      KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  JES2.JOB00124.S00103                      SYSOUT
IEF285I  JES2.JOB00124.S00104                      SYSOUT
IEF285I  PUB001.VSTESTKS.CLUSTER                  KEPT        *-----3
IEF285I  VOL SER NOS= PUB001.
IEF285I  UCPUB001                                    KEPT        *-----0
IEF285I  VOL SER NOS= PUB001.
IEF373I  STEP /GO      / START 20189.1718
IEF374I  STEP /GO      / STOP  20189.1718 CPU      OMIN 00.01SEC SRB      OMIN 00.00SEC VIRT    72K SYS    216K
*****
*
*          PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS
* STEP NAME  GO      USER CORE      72K  TAPES USED/IO 000/000000000  START  TIME  17:18:11  TCB TIME  00:00:00.01 *
* PGM NAME   PGM=*.DD  SYSTEM CORE    216K  DISKS USED/IO 002/000000003  STOP   TIME  17:18:11  SRB TIME  00:00:00.00 *
* COND CODE  0000      PRIVATE AREA SZ  4096K  ALLOC TIME  17:18:11  ELAPSED TIME  PGM LOAD  17:18:11 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      40      00:00:00.01      0      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.T171811.RA000.VSTESTK4.R0000001  KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  SYS20189.T171811.RA000.VSTESTK4.GODATA      DELETED
IEF285I  VOL SER NOS= MVS380.
IEF375I  JOB /VSTESTK4/ START 20189.1718
IEF376I  JOB /VSTESTK4/ STOP  20189.1718 CPU      OMIN 00.09SEC SRB      OMIN 00.02SEC

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00001 000100 IDENTIFICATION DIVISION.                27540000
00002 000200 PROGRAM-ID. KSDSUPDT.                  27550000
00003 000300 AUTHOR. JAY MOSELEY.                   27560000
00004 000400 DATE-WRITTEN. NOVEMBER, 2001.          27570000
00005 000500 DATE-COMPILED. JUL 7,1920.            27580000
00006 001200 ENVIRONMENT DIVISION.                  27650000
00007 001300 CONFIGURATION SECTION.                 27660000
00008 001400 SOURCE-COMPUTER. IBM-370.              27670000
00009 001500 OBJECT-COMPUTER. IBM-370.              27680000
00010 001600                                         27690000
00011 001700 INPUT-OUTPUT SECTION.                  27700000
00012 001800 FILE-CONTROL.                           27710000
00013 001900                                         27720000
00014 002000 DATA DIVISION.                         27730000
00015 002100 FILE SECTION.                           27740000
00016 002200                                         27750000
00017 002300 WORKING-STORAGE SECTION.                27760000
00018 002400 77  END-OF-FILE-SWITCH                 PIC X(1)   VALUE 'N'.  27770000
00019 002500     88  END-OF-FILE                     VALUE 'Y'.  27780000
00020 002600                                         27790000
00021 002700 77  COUNTER-EDIT                       PIC ZZ,ZZZ,ZZ9.     27800000
00022 002800                                         27810000
00023 002900 01  VSIO-PARAMETER-VALUES               COPY VSAMIO.        27820000
00024 C 000100* ***** *06980000
00025 C 000200* *06990000
00026 C 000300*      VV  VV  SSSSS      A      M      M  I III      OOOOO      *07000000
00027 C 000400*      VV  VV  SS   SS   AAA  MM  MM  II  OO  OO      *07010000
00028 C 000500*      VV  VV  SS           AA AA  MMM MMM  II  OO  OO      *07020000
00029 C 000600*      VV  VV  SSSSS  AA  AA  MMMMMMMM  II  OO  OO      *07030000
00030 C 000700*      VV  VV           SS AA  AA  MM M MM  II  OO  OO      *07040000
00031 C 000800*      VV VV  SS   SS  AAAAAAA  MM  MM  II  OO  OO      *07050000
00032 C 000900*      VVV  SS   SS  AA  AA  MM  MM  II  OO  OO      *07060000
00033 C 001000*      V    SSSSS  AA  AA  MM  MM  I III      OOOOO      *07070000
00034 C 001100* *07080000
00035 C 001200* ***** *07090000
00036 C 001300* *07100000
00037 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00038 C 001500* ACCESS ROUTINE. *07120000
00039 C 001600* *07130000
00040 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00041 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00042 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00043 C 002000* ***** *07170000
00044 C 002100 01  VSIO-PARAMETER-VALUES.              07180000
00045 C 002200     02  VSIO-OPEN                       PIC  X(08)  VALUE 'OPEN   '.  07190000
00046 C 002300     02  VSIO-CLOSE                     PIC  X(08)  VALUE 'CLOSE  '.  07200000
00047 C 002400     02  VSIO-READ                       PIC  X(08)  VALUE 'READ   '.  07210000
00048 C 002500     02  VSIO-WRITE                     PIC  X(08)  VALUE 'WRITE  '.  07220000
00049 C 002600     02  VSIO-REWRITE                   PIC  X(08)  VALUE 'REWRITE '.  07230000
00050 C 002700     02  VSIO-DELETE                    PIC  X(08)  VALUE 'DELETE '.  07240000
00051 C 002800     02  VSIO-START-KEY-EQUAL           PIC  X(08)  VALUE 'STARTEQ '.  07250000
00052 C 002900     02  VSIO-START-KEY-NOTLESS        PIC  X(08)  VALUE 'STARTGE '.  07260000
00053 C 003000     02  VSIO-KSDS                      PIC  X(04)  VALUE 'KSDS  '.  07270000
00054 C 003100     02  VSIO-ESDS                      PIC  X(04)  VALUE 'ESDS  '.  07280000

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00055 C 003200      02 VSIO-RRDS          PIC X(04) VALUE 'RRDS'.          07290000
00056 C 003300      02 VSIO-SEQUENTIAL      PIC X(10) VALUE 'SEQUENTIAL'.    07300000
00057 C 003400      02 VSIO-DIRECT          PIC X(10) VALUE 'DIRECT'.        07310000
00058 C 003500      02 VSIO-DYNAMIC         PIC X(10) VALUE 'DYNAMIC'.       07320000
00059 C 003600      02 VSIO-INPUT           PIC X(06) VALUE 'INPUT'.         07330000
00060 C 003700      02 VSIO-OUTPUT          PIC X(06) VALUE 'OUTPUT'.        07340000
00061 C 003800      02 VSIO-INPUT-OUTPUT    PIC X(06) VALUE 'UPDATE'.        07350000
00062 C 003900                                07360000
00063 C 004000* ***** *07370000
00064 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00065 C 004200* THE ROUTINE. *07390000
00066 C 004300* ***** *07400000
00067 C 004400 01 VSIO-PARAMETER-BLOCK. *07410000
00068 C 004500      02 VSIO-COMMAND          PIC X(08). *07420000
00069 C 004600      02 VSIO-RETURN-CODE      PIC S9(04) COMP. *07430000
00070 C 004700          88 VSIO-SUCCESS          VALUE +0. *07440000
00071 C 004800          88 VSIO-LOGIC-ERROR        VALUE +8. *07450000
00072 C 004900          88 VSIO-END-OF-FILE        VALUE +9999. *07460000
00073 C 005000          88 VSIO-PARAMETER-ERROR      VALUE +20 THRU +28. *07470000
00074 C 005100          88 VSIO-COMMAND-UNKNOWN      VALUE +20. *07480000
00075 C 005200          88 VSIO-DATASET-ALREADY-OPEN    VALUE +21. *07490000
00076 C 005300          88 VSIO-DATASET-NOT-OPEN      VALUE +22. *07500000
00077 C 005400          88 VSIO-ORGANIZATION-KEYWORD    VALUE +23. *07510000
00078 C 005500          88 VSIO-ACCESS-KEYWORD        VALUE +24. *07520000
00079 C 005600          88 VSIO-ACCESS-UNSUPPORTED      VALUE +25. *07530000
00080 C 005700          88 VSIO-MODE-KEYWORD          VALUE +26. *07540000
00081 C 005800          88 VSIO-MODE-UNSUPPORTED        VALUE +27. *07550000
00082 C 005900          88 VSIO-DDNAME-BLANK          VALUE +28. *07560000
00083 C 006000      02 VSIO-VSAM-RETURN-CODE    PIC S9(04) COMP. *07570000
00084 C 006100      02 VSIO-VSAM-FUNCTION-CODE    PIC S9(04) COMP. *07580000
00085 C 006200      02 VSIO-VSAM-FEEDBACK-CODE    PIC S9(04) COMP. *07590000
00086 C 006300          88 VSIO-DUPLICATE-RECORD      VALUE +8. *07600000
00087 C 006400          88 VSIO-SEQUENCE-ERROR        VALUE +12. *07610000
00088 C 006500          88 VSIO-RECORD-NOT-FOUND      VALUE +16. *07620000
00089 C 006600          88 VSIO-NO-MORE-SPACE          VALUE +28. *07630000
00090 C 006700          88 VSIO-READ-WITHOUT-START      VALUE +88. *07640000
00091 C 006800* ***** *07650000
00092 C 006900* END OF VSAMIO COPY BOOK *07660000
00093 C 007000* ***** *07670000
00094 C 003000 01 KSDSF01 COPY VSAMIOFB. *27830000
00095 C 000100* ***** *00000100
00096 C 000200* ***** *00000200
00097 C 000300* VV VV SSSS A M M IIII OOOO FFFFFFFF BBBB *00000300
00098 C 000400* VV VV SS SS AAA MM MM II OO OO FF BB BB *00000400
00099 C 000500* VV VV SS AA AA MMM MMM II OO OO FF BB BB *00000500
00100 C 000600* VV VV SSSS AA AA MMMMMM II OO OO FFFF BBBB *00000600
00101 C 000700* VV VV SS AA AA MM M MM II OO OO FF BB BB *00000700
00102 C 000800* VV VV SS SS AAAAAA MM MM II OO OO FF BB BB *00000800
00103 C 000900* VVV SS SS AA AA MM MM II OO OO FF BB BB *00000900
00104 C 001000* V SSSS AA AA MM MM IIII OOOO FF BBBB *00001000
00105 C 001100* ***** *00001100
00106 C 001200* ***** *00001200
00107 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00108 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00109 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00110 C 001600* ***** *00001600
00111 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700

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00112	C	001800*	VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE		*00001800
00113	C	001900*	RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED		*00001900
00114	C	002000*	PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT		*00002000
00115	C	002100*	THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED.		*00002100
00116	C	002200*	*****		*00002200
00117	C	002300	01 KSDSF01.		00002300
00118	C	002400	02 VSIO-DDNAME PIC X(08) VALUE SPACES.		00002400
00119	C	002500	02 VSIO-ORGANIZATION PIC X(04) VALUE SPACES.		00002500
00120	C	002600	02 VSIO-ACCESS PIC X(10) VALUE SPACES.		00002600
00121	C	002700	02 VSIO-MODE PIC X(06) VALUE SPACES.		00002700
00122	C	002800	02 VSIO-RECORD-LENGTH PIC S9(04) COMP VALUE +0.		00002800
00123	C	002900	02 VSIO-KEY-ARGUMENT.		00002900
00124	C	003000	03 VSIO-KEY-POSITION PIC S9(04) COMP VALUE +0.		00003000
00125	C	003100	03 VSIO-KEY-LENGTH PIC S9(04) COMP VALUE +0.		00003100
00126	C	003200	02 VSIO-RELATIVE-RECORD REDEFINES VSIO-KEY-ARGUMENT		00003200
00127	C	003300	PIC S9(08) COMP.		00003300
00128	C	003400	02 FILLER PIC X(01) VALUE 'C'.		00003400
00129	C	003500	88 VSIO-FILE-OPEN VALUE 'O'.		00003500
00130	C	003600	88 VSIO-FILE-CLOSED VALUE 'C'.		00003600
00131	C	003700	02 FILLER PIC X(161).		00003700
00132	C	003800*	*****		*00003800
00133	C	003900*	END OF VSAMIOFB COPY BOOK		*00003900
00134	C	004000*	*****		*00004000
00135		003100	01 KSDS-RECORD.		27840000
00136		003200	02 KR-KEY PIC X(10).		27850000
00137		003300	02 FILLER PIC X(49).		27860000
00138		003400	02 KR-CITY PIC X(15).		27870000
00139		003500	02 FILLER PIC X(06).		27880000
00140		003600			27890000
00141		003700	PROCEDURE DIVISION.		27900000
00142		003800			27910000
00143		003900	000-INITIATE.		27920000
00144		004000			27930000
00145		004100	DISPLAY 'KSDSUPDT: READ/REWRITE KSDS SEQUENTIALLY'.		27940000
00146		004200	DISPLAY '-----'.		27950000
00147		004300	DISPLAY ' '.		27960000
00148		004400			27970000
00149		004500	MOVE 'KSDSF01' TO VSIO-DDNAME.		27980000
00150		004600	MOVE VSIO-KSDS TO VSIO-ORGANIZATION.		27990000
00151		004700	MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS.		28000000
00152		004800	MOVE VSIO-INPUT-OUTPUT TO VSIO-MODE.		28010000
00153		004900	MOVE +80 TO VSIO-RECORD-LENGTH.		28020000
00154		005000	MOVE +0 TO VSIO-KEY-POSITION.		28030000
00155		005100	MOVE +10 TO VSIO-KEY-LENGTH.		28040000
00156		005200	MOVE VSIO-OPEN TO VSIO-COMMAND.		28050000
00157		005300	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,		28060000
00158		005400	KSDS-RECORD.		28070000
00159		005500*	END-CALL.		28080000
00160		005600	IF NOT VSIO-SUCCESS		28090000
00161		005700	DISPLAY 'VSAMIO ERROR OCCURRED DURING '		28100000
00162		005800	VSIO-COMMAND		28110000
00163		005900	EXHIBIT NAMED VSIO-RETURN-CODE,		28120000
00164		006000	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,		28130000
00165		006100	VSIO-VSAM-FUNCTION-CODE,		28140000
00166		006200	VSIO-VSAM-FEEDBACK-CODE		28150000
00167		006300	STOP RUN.		28160000
00168		006400*	END-IF.		28170000

00169	006500		28180000
00170	006600	010-PROCESS.	28190000
00171	006700		28200000
00172	006800	PERFORM 110-PROCESS-DATA	28210000
00173	006900	THRU 119-EXIT	28220000
00174	007000	UNTIL END-OF-FILE.	28230000
00175	007100*	END-PERFORM.	28240000
00176	007200		28250000
00177	007300	020-TERMINATE.	28260000
00178	007400		28270000
00179	007500	MOVE VSIO-CLOSE TO VSIO-COMMAND.	28280000
00180	007600	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,	28290000
00181	007700	KSDS-RECORD.	28300000
00182	007800*	END-CALL.	28310000
00183	007900	IF NOT VSIO-SUCCESS	28320000
00184	008000	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	28330000
00185	008100	VSIO-COMMAND	28340000
00186	008200	EXHIBIT NAMED VSIO-RETURN-CODE,	28350000
00187	008300	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	28360000
00188	008400	VSIO-VSAM-FUNCTION-CODE,	28370000
00189	008500	VSIO-VSAM-FEEDBACK-CODE.	28380000
00190	008600*	END-IF.	28390000
00191	008700		28400000
00192	008800	STOP RUN.	28410000
00193	008900		28420000
00194	009000	110-PROCESS-DATA.	28430000
00195	009100		28440000
00196	009200	MOVE VSIO-READ TO VSIO-COMMAND.	28450000
00197	009300	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,	28460000
00198	009400	KSDS-RECORD.	28470000
00199	009500*	END-CALL.	28480000
00200	009600		28490000
00201	009700	IF NOT VSIO-SUCCESS	28500000
00202	009800	IF VSIO-END-OF-FILE	28510000
00203	009900	MOVE 'Y' TO END-OF-FILE-SWITCH	28520000
00204	010000	ELSE	28530000
00205	010100	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	28540000
00206	010200	VSIO-COMMAND	28550000
00207	010300	EXHIBIT NAMED VSIO-RETURN-CODE,	28560000
00208	010400	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	28570000
00209	010500	VSIO-VSAM-FUNCTION-CODE,	28580000
00210	010600	VSIO-VSAM-FEEDBACK-CODE	28590000
00211	010700	MOVE 'Y' TO END-OF-FILE-SWITCH.	28600000
00212	010800*	END-IF	28610000
00213	010900*	END-IF.	28620000
00214	011000		28630000
00215	011100	IF NOT END-OF-FILE	28640000
00216	011200	PERFORM 120-UPDATE-PROCESS	28650000
00217	011300	THRU 129-EXIT.	28660000
00218	011400*	END-IF.	28670000
00219	011500		28680000
00220	011600	119-EXIT.	28690000
00221	011700	EXIT.	28700000
00222	011800		28710000
00223	011900	120-UPDATE-PROCESS.	28720000
00224	012000		28730000
00225	012100	IF KR-CITY EQUAL 'SAN ANTONIO'	28740000



00226	012200	DISPLAY KSDS-RECORD	28750000
00227	012300	DISPLAY ' BEFORE UPDATE'	28760000
00228	012400	MOVE 'AUSTIN' TO KR-CITY	28770000
00229	012500	MOVE VSIO-REWRITE TO VSIO-COMMAND	28780000
00230	012600	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,	28790000
00231	012700	KSDS-RECORD	28800000
00232	012800*	END-CALL	28810000
00233	012900	IF VSIO-SUCCESS	28820000
00234	013000	DISPLAY KSDS-RECORD	28830000
00235	013100	DISPLAY ' AFTER UPDATE'	28840000
00236	013200	ELSE	28850000
00237	013300	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	28860000
00238	013400	VSIO-COMMAND	28870000
00239	013500	EXHIBIT NAMED VSIO-RETURN-CODE,	28880000
00240	013600	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	28890000
00241	013700	VSIO-VSAM-FUNCTION-CODE,	28900000
00242	013800	VSIO-VSAM-FEEDBACK-CODE.	28910000
00243	013900*	END-IF	28920000
00244	014000*	END-IF.	28930000
00245	014100		28940000
00246	014200	IF KR-CITY EQUAL 'DETROIT'	28950000
00247	014300	DISPLAY KSDS-RECORD	28960000
00248	014400	DISPLAY ' BEFORE DELETE'	28970000
00249	014500	MOVE VSIO-DELETE TO VSIO-COMMAND	28980000
00250	014600	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,	28990000
00251	014700	KSDS-RECORD	29000000
00252	014800*	END-CALL	29010000
00253	014900	IF VSIO-SUCCESS	29020000
00254	015000	DISPLAY ' DELETED '	29030000
00255	015100	ELSE	29040000
00256	015200	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	29050000
00257	015300	VSIO-COMMAND	29060000
00258	015400	EXHIBIT NAMED VSIO-RETURN-CODE,	29070000
00259	015500	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	29080000
00260	015600	VSIO-VSAM-FUNCTION-CODE,	29090000
00261	015700	VSIO-VSAM-FEEDBACK-CODE.	29100000
00262	015800*	END-IF	29110000
00263	015900*	END-IF.	29120000
00264	016000		29130000
00265	016100	129-EXIT.	29140000
00266	016200	EXIT.	29150000
00267	016300		29160000

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	COUNTER-EDIT	BL=1	001	DNM=1-223	DS 10C	NM-EDIT				
DNM=1-260	01	VSIO-PARAMETER-VALUES	BL=1	010	DNM=1-260	DS 0CL124	GROUP				
DNM=1-294	02	VSIO-OPEN	BL=1	010	DNM=1-294	DS 8C	DISP				
DNM=1-313	02	VSIO-CLOSE	BL=1	018	DNM=1-313	DS 8C	DISP				
DNM=1-333	02	VSIO-READ	BL=1	020	DNM=1-333	DS 8C	DISP				
DNM=1-355	02	VSIO-WRITE	BL=1	028	DNM=1-355	DS 8C	DISP				
DNM=1-375	02	VSIO-REWRITE	BL=1	030	DNM=1-375	DS 8C	DISP				
DNM=1-397	02	VSIO-DELETE	BL=1	038	DNM=1-397	DS 8C	DISP				
DNM=1-418	02	VSIO-START-KEY-EQUAL	BL=1	040	DNM=1-418	DS 8C	DISP				
DNM=1-448	02	VSIO-START-KEY-NOTLESS	BL=1	048	DNM=1-448	DS 8C	DISP				
DNM=1-480	02	VSIO-KSDS	BL=1	050	DNM=1-480	DS 4C	DISP				
DNM=2-000	02	VSIO-ESDS	BL=1	054	DNM=2-000	DS 4C	DISP				
DNM=2-019	02	VSIO-RRDS	BL=1	058	DNM=2-019	DS 4C	DISP				
DNM=2-038	02	VSIO-SEQUENTIAL	BL=1	05C	DNM=2-038	DS 10C	DISP				
DNM=2-063	02	VSIO-DIRECT	BL=1	066	DNM=2-063	DS 10C	DISP				
DNM=2-084	02	VSIO-DYNAMIC	BL=1	070	DNM=2-084	DS 10C	DISP				
DNM=2-106	02	VSIO-INPUT	BL=1	07A	DNM=2-106	DS 6C	DISP				
DNM=2-126	02	VSIO-OUTPUT	BL=1	080	DNM=2-126	DS 6C	DISP				
DNM=2-147	02	VSIO-INPUT-OUTPUT	BL=1	086	DNM=2-147	DS 6C	DISP				
DNM=2-174	01	VSIO-PARAMETER-BLOCK	BL=1	090	DNM=2-174	DS 0CL16	GROUP				
DNM=2-207	02	VSIO-COMMAND	BL=1	090	DNM=2-207	DS 8C	DISP				
DNM=2-229	02	VSIO-RETURN-CODE	BL=1	098	DNM=2-229	DS 2C	COMP				
DNM=2-258	88	VSIO-SUCCESS			DNM=2-258						
DNM=2-283	88	VSIO-LOGIC-ERROR			DNM=2-283						
DNM=2-312	88	VSIO-END-OF-FILE			DNM=2-312						
DNM=2-343	88	VSIO-PARAMETER-ERROR			DNM=2-343						
DNM=2-373	88	VSIO-COMMAND-UNKNOWN			DNM=2-373						
DNM=2-407	88	VSIO-DATASET-ALREADY-OPEN			DNM=2-407						
DNM=2-449	88	VSIO-DATASET-NOT-OPEN			DNM=2-449						
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	09A	DNM=3-206	DS 2C	COMP				
DNM=3-237	02	VSIO-VSAM-FUNCTION-CODE	BL=1	09C	DNM=3-237	DS 2C	COMP				
DNM=3-270	02	VSIO-VSAM-FEEDBACK-CODE	BL=1	09E	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	KSDSF01	BL=1	0A0	DNM=3-477	DS 0CL196	GROUP				
DNM=4-000	02	VSIO-DDNAME	BL=1	0A0	DNM=4-000	DS 8C	DISP				
DNM=4-021	02	VSIO-ORGANIZATION	BL=1	0A8	DNM=4-021	DS 4C	DISP				
DNM=4-048	02	VSIO-ACCESS	BL=1	0AC	DNM=4-048	DS 10C	DISP				
DNM=4-069	02	VSIO-MODE	BL=1	0B6	DNM=4-069	DS 6C	DISP				
DNM=4-088	02	VSIO-RECORD-LENGTH	BL=1	0BC	DNM=4-088	DS 2C	COMP				
DNM=4-116	02	VSIO-KEY-ARGUMENT	BL=1	0BE	DNM=4-116	DS 0CL4	GROUP				
DNM=4-146	03	VSIO-KEY-POSITION	BL=1	0BE	DNM=4-146	DS 2C	COMP				
DNM=4-176	03	VSIO-KEY-LENGTH	BL=1	0C0	DNM=4-176	DS 2C	COMP				
DNM=4-201	02	VSIO-RELATIVE-RECORD	BL=1	0BE	DNM=4-201	DS 4C	COMP	R			

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-231	02	FILLER	BL=1	0C2	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	0C3	DNM=4-305	DS 161C	DISP				
DNM=4-324	01	KSDS-RECORD	BL=1	168	DNM=4-324	DS 0CL80	GROUP				
DNM=4-348	02	KR-KEY	BL=1	168	DNM=4-348	DS 10C	DISP				
DNM=4-364	02	FILLER	BL=1	172	DNM=4-364	DS 49C	DISP				
DNM=4-383	02	KR-CITY	BL=1	1A3	DNM=4-383	DS 15C	DISP				
DNM=4-400	02	FILLER	BL=1	1B2	DNM=4-400	DS 6C	DISP				

```
*STATISTICS*      SOURCE RECORDS = 267      DATA DIVISION STATEMENTS = 66      PROCEDURE DIVISION STATEMENTS = 63
*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
KSDSUPDT	00	CAC								
ILBODSP0*	CB0	700								
ILBOSTP0*	13B0	35								
			ILBOSTP1	13C6						
VSAMIO *	13E8	D0A								

LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION
430		ILBOSTP0	ILBOSTP0	434		ILBODSP0	ILBODSP0
438		VSAMIO	VSAMIO	43C		ILBOSTP1	ILBOSTP0

ENTRY ADDRESS 00

TOTAL LENGTH 20F8

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

AUTHORIZATION CODE IS 0.

KSDSUPDT: READ/REWRITE KSDS SEQUENTIALLY

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0045557001	LISA L FONTAINE BEFORE UPDATE	714 SUNSET PLACE	SAN ANTONIO	TX
0045557001	LISA L FONTAINE AFTER UPDATE	714 SUNSET PLACE	AUSTIN	TX
1766129028	JOYCE R NORTON BEFORE UPDATE	907 BRANDYWINE CIRCLE	SAN ANTONIO	TX
1766129028	JOYCE R NORTON AFTER UPDATE	907 BRANDYWINE CIRCLE	AUSTIN	TX
2522284049	WANDA J TUCKER BEFORE UPDATE	7807 WINDTREE ROAD	SAN ANTONIO	TX
2522284049	WANDA J TUCKER AFTER UPDATE	7807 WINDTREE ROAD	AUSTIN	TX
4318291087	SAMANTHA M HALL BEFORE UPDATE	8063 EDMUND AVENUE	SAN ANTONIO	TX
4318291087	SAMANTHA M HALL AFTER UPDATE	8063 EDMUND AVENUE	AUSTIN	TX
6426347143	PATTY C ELISON BEFORE DELETE	5454 LINCOLN AVENUE	DETROIT	MI

DELETED