

J E S 2 J O B L O G

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17.27.20 JOB 130 IEF677I WARNING MESSAGE(S) FOR JOB VSTESTR2 ISSUED
17.27.20 JOB 130 $HASP373 VSTESTR2 STARTED - INIT 1 - CLASS A - SYS HMVS
17.27.20 JOB 130 IEF403I VSTESTR2 - STARTED - TIME=17.27.20
17.27.20 JOB 130 IEC130I SYSPUNCH DD STATEMENT MISSING
17.27.20 JOB 130 IEC130I SYSPUNCH DD STATEMENT MISSING
17.27.20 JOB 130 CCI001C COB      /IKFCBL00/00:00:00.06/      /00000/1      /VSTESTR2
17.27.20 JOB 130 CCI001C LKED    /IEWL      /00:00:00.02/      /00000/1      /VSTESTR2
17.27.20 JOB 130 CCI001C GO      /PGM=*.DD/00:00:00.01/  /00000/1      /VSTESTR2
17.27.20 JOB 130 IEF404I VSTESTR2 - ENDED - TIME=17.27.20
17.27.20 JOB 130 $HASP395 VSTESTR2 ENDED
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----- JES2 JOB STATISTICS -----

07 JUL 20 JOB EXECUTION DATE

18 CARDS READ

529 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

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1 //VSTESTR2 JOB 1,'VSAMIO IVP RRDSLODS ',CLASS=A,MSGCLASS=X, JOB 130
// REGION=4096K
***
*****
*** COBOL MODULE: RRDSLODS VSAM DATASET: VSTESTRR.CLUSTER (RRDS)
***
*** SEQUENTIALLY LOADS RECORDS GENERATING SERIAL RELATIVE RECORD #
*****
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(RRDSLODS),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=*
26 //GO.RRDSF01 DD DSN=PUB001.VSTESTRR.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 VSTESTR2 COB COB
IEF237I 253 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO SYS00233
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 VSTESTR2 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.JOB00130.SO0101 DELETED *-----6
IEF285I SYS20189.T172720.RA000.VSTESTR2.R0000001 DELETED *-----6
IEF285I VOL SER NOS= MVS380. DELETED *-----6
IEF285I SYS20189.T172720.RA000.VSTESTR2.R0000002 DELETED *-----9
IEF285I VOL SER NOS= WORK00. DELETED *-----6
IEF285I SYS20189.T172720.RA000.VSTESTR2.R0000003 DELETED *-----6
IEF285I VOL SER NOS= MVS370. DELETED *-----6
IEF285I SYS20189.T172720.RA000.VSTESTR2.R0000004 DELETED *-----68
IEF285I VOL SER NOS= WORK01. PASSED *-----68
IEF285I SYS20189.T172720.RA000.VSTESTR2.LOADSET PASSED *-----68
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 20189.1727

IEF374I STEP /COB / STOP 20189.1727 CPU 0MIN 00.06SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 216K

**** JOBCARD READ 20189 17:27:20 *****

* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS *
* STEP NAME COB USER CORE 2076K TAPES USED/IO 000/000000000 START TIME 17:27:20 TCB TIME 00:00:00.06 *
* PGM NAME IKFCBL00 SYSTEM CORE 216K DISKS USED/IO 005/000000104 STOP TIME 17:27:20 SRB TIME 00:00:00.02 *
* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 17:27:20 ELAPSED TIME PGM LOAD 17:27:20 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004 612 00:00:00.10 0 0 0 0 0 0 0 *

* CPU \$ (0.02) + EXCP \$ (0.14) + MEMORY \$ (0.35) = TOTAL \$ (0.51) *

IEF236I ALLOC. FOR VSTESTR2 LKED COB
IEF237I 370 ALLOCATED TO SYSLIN
IEF237I DMY ALLOCATED TO
IEF237I 251 ALLOCATED TO SYSLMOD
IEF237I 253 ALLOCATED TO SYSLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00235
IEF237I 380 ALLOCATED TO SYSUT1
IEF237I JES2 ALLOCATED TO SYSPRINT

IEF142I VSTESTR2 LKED COB - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYS20189.T172720.RA000.VSTESTR2.LOADSET DELETED *-----69
IEF285I VOL SER NOS= MVS370.

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IEF285I  SYS20189.T172720.RA000.VSTESTR2.GODATA      PASSED      *-----12
IEF285I  VOL SER NOS= WORK00.
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.T172720.RA000.VSTESTR2.R0000005  DELETED     *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  JES2.JOB00130.SO0102                      SYSOUT
IEF373I  STEP /LKED      / START 20189.1727
IEF374I  STEP /LKED      / STOP  20189.1727 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  17:27:20  TCB TIME  00:00:00.02 *
* PGM NAME   IEWL      SYSTEM CORE    208K  DISKS USED/IO 004/000000108  STOP   TIME  17:27:20  SRB TIME  00:00:00.00 *
* COND CODE  0000     PRIVATE AREA SZ  4096K  ALLOC TIME  17:27:20      ELAPSED TIME          PGM LOAD  17:27:20 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      573      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 VSTESTR2 GO COB
IEF237I  251  ALLOCATED TO PGM=*.DD
IEF237I  JES2 ALLOCATED TO SYSOUT
IEF237I  190  ALLOCATED TO IMAGES
IEF237I  190  ALLOCATED TO SYS00237
IEF237I  JES2 ALLOCATED TO SYSUDUMP
IEF237I  190  ALLOCATED TO RRDSF01
IEF142I  VSTESTR2 GO COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I  SYS20189.T172720.RA000.VSTESTR2.GODATA      KEPT        *-----0
IEF285I  VOL SER NOS= WORK00.
IEF285I  JES2.JOB00130.SO0103                      SYSOUT
IEF285I  PUB001.VSAMTEST.DATA                      KEPT        *-----11
IEF285I  VOL SER NOS= PUB001.
IEF285I  UCPUB001                                    KEPT        *-----0
IEF285I  VOL SER NOS= PUB001.
IEF285I  JES2.JOB00130.SO0104                      SYSOUT
IEF285I  PUB001.VSTESTRR.CLUSTER                  KEPT        *-----3
IEF285I  VOL SER NOS= PUB001.
IEF373I  STEP /GO      / START 20189.1727
IEF374I  STEP /GO      / STOP  20189.1727 CPU      OMIN 00.01SEC SRB      OMIN 00.00SEC VIRT    64K SYS    216K
*****
*
*          PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS
* STEP NAME  GO      USER CORE      64K  TAPES USED/IO 000/000000000  START  TIME  17:27:20  TCB TIME  00:00:00.01 *
* PGM NAME   PGM=*.DD  SYSTEM CORE    216K  DISKS USED/IO 002/000000014  STOP   TIME  17:27:20  SRB TIME  00:00:00.00 *
* COND CODE  0000     PRIVATE AREA SZ  4096K  ALLOC TIME  17:27:20      ELAPSED TIME          PGM LOAD  17:27:20 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      95      00:00:00.01          0          0          0          0          0          0          0          0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.01) + MEMORY $ ( 0.00) = TOTAL $ ( 0.01)
*****
IEF237I  251  ALLOCATED TO SYS00001
IEF285I  SYS20189.T172720.RA000.VSTESTR2.R0000001  KEPT        *-----0
IEF285I  VOL SER NOS= WORK00.
IEF285I  SYS20189.T172720.RA000.VSTESTR2.GODATA      DELETED
IEF285I  VOL SER NOS= WORK00.
IEF375I  JOB /VSTESTR2/ START 20189.1727
IEF376I  JOB /VSTESTR2/ STOP  20189.1727 CPU      OMIN 00.09SEC SRB      OMIN 00.02SEC

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00001 000100 IDENTIFICATION DIVISION. 30650000
00002 000200 PROGRAM-ID. RRDSLODS. 30660000
00003 000300 AUTHOR. JAY MOSELEY. 30670000
00004 000400 DATE-WRITTEN. NOVEMBER, 2001. 30680000
00005 000500 DATE-COMPILED. JUL 7,1920. 30690000
00006 001200 ENVIRONMENT DIVISION. 30760000
00007 001300 CONFIGURATION SECTION. 30770000
00008 001400 SOURCE-COMPUTER. IBM-370. 30780000
00009 001500 OBJECT-COMPUTER. IBM-370. 30790000
00010 001600 30800000
00011 001700 INPUT-OUTPUT SECTION. 30810000
00012 001800 FILE-CONTROL. 30820000
00013 001900 30830000
00014 002000 SELECT RECORD-IMAGES 30840000
00015 002100 ASSIGN TO DA-2314-S-IMAGES. 30850000
00016 002200 30860000
00017 002300 DATA DIVISION. 30870000
00018 002400 FILE SECTION. 30880000
00019 002500 FD RECORD-IMAGES 30890000
00020 002600 LABEL RECORDS ARE STANDARD 30900000
00021 002700 BLOCK CONTAINS 10 RECORDS 30910000
00022 002800 DATA RECORD IS RECORD-IMAGE. 30920000
00023 002900 30930000
00024 003000 01 RECORD-IMAGE PIC X(80). 30940000
00025 003100 30950000
00026 003200 WORKING-STORAGE SECTION. 30960000
00027 003300 77 END-OF-FILE-SWITCH PIC X(1) VALUE 'N'. 30970000
00028 003400 88 END-OF-FILE VALUE 'Y'. 30980000
00029 003500 30990000
00030 003600 77 RELATIVE-RECORD-NUMBER PIC S9(8) VALUE +0. 31000000
00031 003700 77 RECORD-COUNTER PIC S9(8) VALUE +0. 31010000
00032 003800 77 COUNTER-EDIT PIC ZZ,ZZZ,ZZ9. 31020000
00033 003900 31030000
00034 004000 01 VSIO-PARAMETER-VALUES COPY VSAMIO. 31040000
00035 C 000100* ***** *06980000
00036 C 000200* *06990000
00037 C 000300* VV VV SSSSS A M M IIII OOOO *07000000
00038 C 000400* VV VV SS SS AAA MM MM II OO OO *07010000
00039 C 000500* VV VV SS AA AA MMM MMM II OO OO *07020000
00040 C 000600* VV VV SSSSS AA AA MMMMMMMM II OO OO *07030000
00041 C 000700* VV VV SS AA AA MM M MM II OO OO *07040000
00042 C 000800* VV VV SS SS AAAAAA MM MM II OO OO *07050000
00043 C 000900* VVV SS SS AA AA MM MM II OO OO *07060000
00044 C 001000* V SSSSS AA AA MM MM IIII OOOO *07070000
00045 C 001100* *07080000
00046 C 001200* ***** *07090000
00047 C 001300* *07100000
00048 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00049 C 001500* ACCESS ROUTINE. *07120000
00050 C 001600* *07130000
00051 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00052 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00053 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00054 C 002000* ***** *07170000

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00055 C 002100 01 VSIO-PARAMETER-VALUES. 07180000
00056 C 002200 02 VSIO-OPEN PIC X(08) VALUE 'OPEN ' . 07190000
00057 C 002300 02 VSIO-CLOSE PIC X(08) VALUE 'CLOSE ' . 07200000
00058 C 002400 02 VSIO-READ PIC X(08) VALUE 'READ ' . 07210000
00059 C 002500 02 VSIO-WRITE PIC X(08) VALUE 'WRITE ' . 07220000
00060 C 002600 02 VSIO-REWRITE PIC X(08) VALUE 'REWRITE ' . 07230000
00061 C 002700 02 VSIO-DELETE PIC X(08) VALUE 'DELETE ' . 07240000
00062 C 002800 02 VSIO-START-KEY-EQUAL PIC X(08) VALUE 'STARTEQ ' . 07250000
00063 C 002900 02 VSIO-START-KEY-NOTLESS PIC X(08) VALUE 'STARTGE ' . 07260000
00064 C 003000 02 VSIO-KSDS PIC X(04) VALUE 'KSDS' . 07270000
00065 C 003100 02 VSIO-ESDS PIC X(04) VALUE 'ESDS' . 07280000
00066 C 003200 02 VSIO-RRDS PIC X(04) VALUE 'RRDS' . 07290000
00067 C 003300 02 VSIO-SEQUENTIAL PIC X(10) VALUE 'SEQUENTIAL' . 07300000
00068 C 003400 02 VSIO-DIRECT PIC X(10) VALUE 'DIRECT ' . 07310000
00069 C 003500 02 VSIO-DYNAMIC PIC X(10) VALUE 'DYNAMIC ' . 07320000
00070 C 003600 02 VSIO-INPUT PIC X(06) VALUE 'INPUT ' . 07330000
00071 C 003700 02 VSIO-OUTPUT PIC X(06) VALUE 'OUTPUT' . 07340000
00072 C 003800 02 VSIO-INPUT-OUTPUT PIC X(06) VALUE 'UPDATE' . 07350000
00073 C 003900 07360000
00074 C 004000* ***** *07370000
00075 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00076 C 004200* THE ROUTINE. *07390000
00077 C 004300* ***** *07400000
00078 C 004400 01 VSIO-PARAMETER-BLOCK. 07410000
00079 C 004500 02 VSIO-COMMAND PIC X(08). 07420000
00080 C 004600 02 VSIO-RETURN-CODE PIC S9(04) COMP. 07430000
00081 C 004700 88 VSIO-SUCCESS VALUE +0. 07440000
00082 C 004800 88 VSIO-LOGIC-ERROR VALUE +8. 07450000
00083 C 004900 88 VSIO-END-OF-FILE VALUE +9999. 07460000
00084 C 005000 88 VSIO-PARAMETER-ERROR VALUE +20 THRU +28. 07470000
00085 C 005100 88 VSIO-COMMAND-UNKNOWN VALUE +20. 07480000
00086 C 005200 88 VSIO-DATASET-ALREADY-OPEN VALUE +21. 07490000
00087 C 005300 88 VSIO-DATASET-NOT-OPEN VALUE +22. 07500000
00088 C 005400 88 VSIO-ORGANIZATION-KEYWORD VALUE +23. 07510000
00089 C 005500 88 VSIO-ACCESS-KEYWORD VALUE +24. 07520000
00090 C 005600 88 VSIO-ACCESS-UNSUPPORTED VALUE +25. 07530000
00091 C 005700 88 VSIO-MODE-KEYWORD VALUE +26. 07540000
00092 C 005800 88 VSIO-MODE-UNSUPPORTED VALUE +27. 07550000
00093 C 005900 88 VSIO-DDNAME-BLANK VALUE +28. 07560000
00094 C 006000 02 VSIO-VSAM-RETURN-CODE PIC S9(04) COMP. 07570000
00095 C 006100 02 VSIO-VSAM-FUNCTION-CODE PIC S9(04) COMP. 07580000
00096 C 006200 02 VSIO-VSAM-FEEDBACK-CODE PIC S9(04) COMP. 07590000
00097 C 006300 88 VSIO-DUPLICATE-RECORD VALUE +8. 07600000
00098 C 006400 88 VSIO-SEQUENCE-ERROR VALUE +12. 07610000
00099 C 006500 88 VSIO-RECORD-NOT-FOUND VALUE +16. 07620000
00100 C 006600 88 VSIO-NO-MORE-SPACE VALUE +28. 07630000
00101 C 006700 88 VSIO-READ-WITHOUT-START VALUE +88. 07640000
00102 C 006800* ***** *07650000
00103 C 006900* END OF VSAMIO COPY BOOK *07660000
00104 C 007000* ***** *07670000
00105 004100 01 RRDSF01 COPY VSAMIOFB. 31050000
00106 C 000100* ***** *00000100
00107 C 000200* *00000200
00108 C 000300* VV VV SSSSS A M M IIII OOOO FFFFFFFF BBBB *00000300
00109 C 000400* VV VV SS SS AAA MM MM II OO OO FF BB BB *00000400
00110 C 000500* VV VV SS AA AA MMM MMM II OO OO FF BB BB *00000500
00111 C 000600* VV VV SSSSS AA AA MMMMMMMM II OO OO FFFF BBBB *00000600

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00112 C 000700* VV VV SS AA AA MM M MM II OO OO FF BB BB *00000700
00113 C 000800* VV VV SS SS AAAAAA MM MM II OO OO FF BB BB *00000800
00114 C 000900* VVV SS SS AA AA MM MM II OO OO FF BB BB *00000900
00115 C 001000* V SSSS AA AA MM MM IIII OOOO FF BBBB *00001000
00116 C 001100* *00001100
00117 C 001200* ***** *00001200
00118 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00119 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00120 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00121 C 001600* *00001600
00122 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00123 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00124 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00125 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00126 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00127 C 002200* ***** *00002200
00128 C 002300 01 RRDSF01. 00002300
00129 C 002400 02 VSIO-DDNAME PIC X(08) VALUE SPACES. 00002400
00130 C 002500 02 VSIO-ORGANIZATION PIC X(04) VALUE SPACES. 00002500
00131 C 002600 02 VSIO-ACCESS PIC X(10) VALUE SPACES. 00002600
00132 C 002700 02 VSIO-MODE PIC X(06) VALUE SPACES. 00002700
00133 C 002800 02 VSIO-RECORD-LENGTH PIC S9(04) COMP VALUE +0. 00002800
00134 C 002900 02 VSIO-KEY-ARGUMENT. 00002900
00135 C 003000 03 VSIO-KEY-POSITION PIC S9(04) COMP VALUE +0. 00003000
00136 C 003100 03 VSIO-KEY-LENGTH PIC S9(04) COMP VALUE +0. 00003100
00137 C 003200 02 VSIO-RELATIVE-RECORD REDEFINES VSIO-KEY-ARGUMENT 00003200
00138 C 003300 PIC S9(08) COMP. 00003300
00139 C 003400 02 FILLER PIC X(01) VALUE 'C'. 00003400
00140 C 003500 88 VSIO-FILE-OPEN VALUE 'O'. 00003500
00141 C 003600 88 VSIO-FILE-CLOSED VALUE 'C'. 00003600
00142 C 003700 02 FILLER PIC X(161). 00003700
00143 C 003800* ***** *00003800
00144 C 003900* END OF VSAMIOFB COPY BOOK *00003900
00145 C 004000* ***** *00004000
00146 004200 01 RRDS-RECORD PIC X(80). 31060000
00147 004300 31070000
00148 004400 PROCEDURE DIVISION. 31080000
00149 004500 31090000
00150 004600 000-INITIATE. 31100000
00151 004700 31110000
00152 004800 DISPLAY 'RRDSLDS: WRITE RRDS SEQUENTIALLY'. 31120000
00153 004900 DISPLAY '-----'. 31130000
00154 005000 DISPLAY ' '. 31140000
00155 005100 31150000
00156 005200 OPEN INPUT RECORD-IMAGES. 31160000
00157 005300 31170000
00158 005400 MOVE 'RRDSF01' TO VSIO-DDNAME. 31180000
00159 005500 MOVE VSIO-RRDS TO VSIO-ORGANIZATION. 31190000
00160 005600 MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS. 31200000
00161 005700 MOVE VSIO-OUTPUT TO VSIO-MODE. 31210000
00162 005800 MOVE +80 TO VSIO-RECORD-LENGTH. 31220000
00163 005900 MOVE +0 TO VSIO-KEY-LENGTH, VSIO-KEY-POSITION. 31230000
00164 006000 MOVE VSIO-OPEN TO VSIO-COMMAND. 31240000
00165 006100 CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, RRDSF01, 31250000
00166 006200 RRDS-RECORD. 31260000
00167 006300* END-CALL. 31270000
00168 006400 IF NOT VSIO-SUCCESS 31280000

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00169	006500	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	31290000
00170	006600	VSIO-COMMAND	31300000
00171	006700	EXHIBIT NAMED VSIO-RETURN-CODE,	31310000
00172	006800	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	31320000
00173	006900	VSIO-VSAM-FUNCTION-CODE,	31330000
00174	007000	VSIO-VSAM-FEEDBACK-CODE	31340000
00175	007100	STOP RUN.	31350000
00176	007200*	END-IF.	31360000
00177	007300		31370000
00178	007400	010-PROCESS.	31380000
00179	007500		31390000
00180	007600	PERFORM 110-PROCESS-DATA	31400000
00181	007700	THRU 119-EXIT	31410000
00182	007800	UNTIL END-OF-FILE	31420000
00183	007900	OR (NOT VSIO-SUCCESS).	31430000
00184	008000*	END-PERFORM.	31440000
00185	008100		31450000
00186	008200	020-TERMINATE.	31460000
00187	008300		31470000
00188	008400	CLOSE RECORD-IMAGES.	31480000
00189	008500		31490000
00190	008600	MOVE VSIO-CLOSE TO VSIO-COMMAND.	31500000
00191	008700	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, RRDSF01,	31510000
00192	008800	RRDS-RECORD.	31520000
00193	008900*	END-CALL.	31530000
00194	009000	IF NOT VSIO-SUCCESS	31540000
00195	009100	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	31550000
00196	009200	VSIO-COMMAND	31560000
00197	009300	EXHIBIT NAMED VSIO-RETURN-CODE,	31570000
00198	009400	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	31580000
00199	009500	VSIO-VSAM-FUNCTION-CODE,	31590000
00200	009600	VSIO-VSAM-FEEDBACK-CODE.	31600000
00201	009700*	END-IF.	31610000
00202	009800		31620000
00203	009900	MOVE RECORD-COUNTER TO COUNTER-EDIT.	31630000
00204	010000	DISPLAY COUNTER-EDIT ' RECORDS WERE LOADED SUCCESSFULLY'.	31640000
00205	010100		31650000
00206	010200	STOP RUN.	31660000
00207	010300		31670000
00208	010400	110-PROCESS-DATA.	31680000
00209	010500	READ RECORD-IMAGES	31690000
00210	010600	AT END	31700000
00211	010700	MOVE 'Y' TO END-OF-FILE-SWITCH.	31710000
00212	010800*	END-READ.	31720000
00213	010900		31730000
00214	011000	IF NOT END-OF-FILE	31740000
00215	011100		31750000
00216	011200	ADD +1 TO RELATIVE-RECORD-NUMBER	31760000
00217	011300	MOVE RELATIVE-RECORD-NUMBER TO VSIO-RELATIVE-RECORD	31770000
00218	011400	MOVE RECORD-IMAGE TO RRDS-RECORD	31780000
00219	011500		31790000
00220	011600	MOVE VSIO-WRITE TO VSIO-COMMAND	31800000
00221	011700	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, RRDSF01,	31810000
00222	011800	RRDS-RECORD	31820000
00223	011900*	END-CALL	31830000
00224	012000		31840000
00225	012100	IF VSIO-SUCCESS	31850000

00226	012200	ADD +1 TO RECORD-COUNTER	31860000
00227	012300	ELSE	31870000
00228	012400	IF VSIO-LOGIC-ERROR	31880000
00229	012500	AND VSIO-NO-MORE-SPACE	31890000
00230	012600	DISPLAY 'INSUFFICIENT SPACE DEFINED IN CLUSTER'	31900000
00231	012700	'TO CONTAIN ALL RECORDS - LOADING '	31910000
00232	012800	'TERMINATED'	31920000
00233	012900	ELSE	31930000
00234	013000	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	31940000
00235	013100	VSIO-COMMAND	31950000
00236	013200	EXHIBIT NAMED VSIO-RETURN-CODE,	31960000
00237	013300	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	31970000
00238	013400	VSIO-VSAM-FUNCTION-CODE,	31980000
00239	013500	VSIO-VSAM-FEEDBACK-CODE.	31990000
00240	013600*	END-IF	32000000
00241	013700*	END-IF	32010000
00242	013800*	END-IF.	32020000
00243	013900		32030000
00244	014000	119-EXIT.	32040000
00245	014100	EXIT.	32050000
00246	014200		32060000
00247	014300		32070000

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	RELATIVE-RECORD-NUMBER	BL=2	001	DNM=1-228	DS 8C	DISP-NM				
DNM=1-260	77	RECORD-COUNTER	BL=2	009	DNM=1-260	DS 8C	DISP-NM				
DNM=1-284	77	COUNTER-EDIT	BL=2	011	DNM=1-284	DS 10C	NM-EDIT				
DNM=1-321	01	VSIO-PARAMETER-VALUES	BL=2	020	DNM=1-321	DS 0CL124	GROUP				
DNM=1-355	02	VSIO-OPEN	BL=2	020	DNM=1-355	DS 8C	DISP				
DNM=1-374	02	VSIO-CLOSE	BL=2	028	DNM=1-374	DS 8C	DISP				
DNM=1-394	02	VSIO-READ	BL=2	030	DNM=1-394	DS 8C	DISP				
DNM=1-416	02	VSIO-WRITE	BL=2	038	DNM=1-416	DS 8C	DISP				
DNM=1-436	02	VSIO-REWRITE	BL=2	040	DNM=1-436	DS 8C	DISP				
DNM=1-458	02	VSIO-DELETE	BL=2	048	DNM=1-458	DS 8C	DISP				
DNM=1-479	02	VSIO-START-KEY-EQUAL	BL=2	050	DNM=1-479	DS 8C	DISP				
DNM=2-000	02	VSIO-START-KEY-NOTLESS	BL=2	058	DNM=2-000	DS 8C	DISP				
DNM=2-032	02	VSIO-KSDS	BL=2	060	DNM=2-032	DS 4C	DISP				
DNM=2-051	02	VSIO-ESDS	BL=2	064	DNM=2-051	DS 4C	DISP				
DNM=2-070	02	VSIO-RRDS	BL=2	068	DNM=2-070	DS 4C	DISP				
DNM=2-089	02	VSIO-SEQUENTIAL	BL=2	06C	DNM=2-089	DS 10C	DISP				
DNM=2-114	02	VSIO-DIRECT	BL=2	076	DNM=2-114	DS 10C	DISP				
DNM=2-135	02	VSIO-DYNAMIC	BL=2	080	DNM=2-135	DS 10C	DISP				
DNM=2-157	02	VSIO-INPUT	BL=2	08A	DNM=2-157	DS 6C	DISP				
DNM=2-177	02	VSIO-OUTPUT	BL=2	090	DNM=2-177	DS 6C	DISP				
DNM=2-198	02	VSIO-INPUT-OUTPUT	BL=2	096	DNM=2-198	DS 6C	DISP				
DNM=2-225	01	VSIO-PARAMETER-BLOCK	BL=2	0A0	DNM=2-225	DS 0CL16	GROUP				
DNM=2-258	02	VSIO-COMMAND	BL=2	0A0	DNM=2-258	DS 8C	DISP				
DNM=2-283	02	VSIO-RETURN-CODE	BL=2	0A8	DNM=2-283	DS 2C	COMP				
DNM=2-312	88	VSIO-SUCCESS			DNM=2-312						
DNM=2-337	88	VSIO-LOGIC-ERROR			DNM=2-337						
DNM=2-366	88	VSIO-END-OF-FILE			DNM=2-366						
DNM=2-397	88	VSIO-PARAMETER-ERROR			DNM=2-397						
DNM=2-427	88	VSIO-COMMAND-UNKNOWN			DNM=2-427						
DNM=2-461	88	VSIO-DATASET-ALREADY-OPEN			DNM=2-461						
DNM=3-000	88	VSIO-DATASET-NOT-OPEN			DNM=3-000						
DNM=3-035	88	VSIO-ORGANIZATION-KEYWORD			DNM=3-035						
DNM=3-074	88	VSIO-ACCESS-KEYWORD			DNM=3-074						
DNM=3-107	88	VSIO-ACCESS-UNSUPPORTED			DNM=3-107						
DNM=3-144	88	VSIO-MODE-KEYWORD			DNM=3-144						
DNM=3-175	88	VSIO-MODE-UNSUPPORTED			DNM=3-175						
DNM=3-210	88	VSIO-DDNAME-BLANK			DNM=3-210						
DNM=3-241	02	VSIO-VSAM-RETURN-CODE	BL=2	0AA	DNM=3-241	DS 2C	COMP				
DNM=3-272	02	VSIO-VSAM-FUNCTION-CODE	BL=2	0AC	DNM=3-272	DS 2C	COMP				
DNM=3-305	02	VSIO-VSAM-FEEDBACK-CODE	BL=2	0AE	DNM=3-305	DS 2C	COMP				
DNM=3-341	88	VSIO-DUPLICATE-RECORD			DNM=3-341						
DNM=3-375	88	VSIO-SEQUENCE-ERROR			DNM=3-375						
DNM=3-408	88	VSIO-RECORD-NOT-FOUND			DNM=3-408						
DNM=3-443	88	VSIO-NO-MORE-SPACE			DNM=3-443						
DNM=4-000	88	VSIO-READ-WITHOUT-START			DNM=4-000						
DNM=4-037	01	RRDSF01	BL=2	0B0	DNM=4-037	DS 0CL196	GROUP				
DNM=4-057	02	VSIO-DDNAME	BL=2	0B0	DNM=4-057	DS 8C	DISP				
DNM=4-078	02	VSIO-ORGANIZATION	BL=2	0B8	DNM=4-078	DS 4C	DISP				
DNM=4-105	02	VSIO-ACCESS	BL=2	0BC	DNM=4-105	DS 10C	DISP				
DNM=4-126	02	VSIO-MODE	BL=2	0C6	DNM=4-126	DS 6C	DISP				
DNM=4-145	02	VSIO-RECORD-LENGTH	BL=2	0CC	DNM=4-145	DS 2C	COMP				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-173	02	VSIO-KEY-ARGUMENT	BL=2	0CE	DNM=4-173	DS 0CL4	GROUP				
DNM=4-203	03	VSIO-KEY-POSITION	BL=2	0CE	DNM=4-203	DS 2C	COMP				
DNM=4-233	03	VSIO-KEY-LENGTH	BL=2	0D0	DNM=4-233	DS 2C	COMP				
DNM=4-258	02	VSIO-RELATIVE-RECORD	BL=2	0CE	DNM=4-258	DS 4C	COMP	R			
DNM=4-288	02	FILLER	BL=2	0D2	DNM=4-288	DS 1C	DISP				
DNM=4-310	88	VSIO-FILE-OPEN			DNM=4-310						
DNM=4-335	88	VSIO-FILE-CLOSED			DNM=4-335						
DNM=4-362	02	FILLER	BL=2	0D3	DNM=4-362	DS 161C	DISP				
DNM=4-381	01	RRDS-RECORD	BL=2	178	DNM=4-381	DS 80C	DISP				

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*STATISTICS*      SOURCE RECORDS = 247      DATA DIVISION STATEMENTS = 66      PROCEDURE DIVISION STATEMENTS = 46
*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
RRDSLODS	00	C2C								
ILBODSP0*	C30	700								
ILBOSTP0*	1330	35								
			ILBOSTP1	1346						
VSAMIO *	1368	D0A								

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
520	ILBOSTP0	ILBOSTP0	524	ILBODSP0	ILBODSP0
528	VSAMIO	VSAMIO	52C	ILBOSTP1	ILBOSTP0

ENTRY ADDRESS 00

TOTAL LENGTH 2078

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

AUTHORIZATION CODE IS 0.

RRDSLODS: WRITE RRDS SEQUENTIALLY

100 RECORDS WERE LOADED SUCCESSFULLY