

J E S 2 J O B L O G

17.43.40 JOB 138 IEF677I WARNING MESSAGE(S) FOR JOB VSTESTR3 ISSUED
17.43.40 JOB 138 \$HASP373 VSTESTR3 STARTED - INIT 1 - CLASS A - SYS HMVS
17.43.40 JOB 138 IEF403I VSTESTR3 - STARTED - TIME=17.43.40
17.43.40 JOB 138 IEC130I SYSPUNCH DD STATEMENT MISSING
17.43.40 JOB 138 IEC130I SYSPUNCH DD STATEMENT MISSING
17.43.40 JOB 138 CCI001C COB /IKFCBL00/00:00:00.05/ /00000/1 /VSTESTR3
17.43.40 JOB 138 CCI001C LKED /IEWL /00:00:00.02/ /00000/1 /VSTESTR3
17.43.40 JOB 138 CCI001C GO /PGM=*.DD/00:00:00.01/ /00000/1 /VSTESTR3
17.43.40 JOB 138 IEF404I VSTESTR3 - ENDED - TIME=17.43.40
17.43.40 JOB 138 \$HASP395 VSTESTR3 ENDED

----- JES2 JOB STATISTICS -----

07 JUL 20 JOB EXECUTION DATE

17 CARDS READ

589 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

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1 //VSTESTR3 JOB 1,'VSAMIO IVP RRDSREAD ',CLASS=A,MSGCLASS=X, JOB 138
// REGION=4096K
***
*****
*** COBOL MODULE: RRDSREAD VSAM DATASET: VSTESTRR.CLUSTER (RRDS)
***
*** SEQUENTIALLY READS ALL RECORDS FROM DATASET
*****
***
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(RRDSREAD),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.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 VSTESTR3 COB COB

IEF237I 253 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO SYS00269
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 VSTESTR3 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.JOB00138.S00101 DELETED *-----6
IEF285I SYS20189.T174340.RA000.VSTESTR3.R0000001 DELETED *-----6
IEF285I VOL SER NOS= MVS380. DELETED *-----6
IEF285I SYS20189.T174340.RA000.VSTESTR3.R0000002 DELETED *-----9
IEF285I VOL SER NOS= WORK00. DELETED *-----6
IEF285I SYS20189.T174340.RA000.VSTESTR3.R0000003 DELETED *-----6
IEF285I VOL SER NOS= MVS370. DELETED *-----6
IEF285I SYS20189.T174340.RA000.VSTESTR3.R0000004 DELETED *-----6
IEF285I VOL SER NOS= WORK01. PASSED *-----51
IEF285I SYS20189.T174340.RA000.VSTESTR3.LOADSET PASSED *-----51
IEF285I VOL SER NOS= WORK00. KEPT *-----6
IEF285I SYSC.VSAMIO.SOURCE KEPT *-----6
IEF285I VOL SER NOS= SYSCP. KEPT *-----2
IEF285I SYSC.VSAMIO.SOURCE KEPT *-----2
IEF285I VOL SER NOS= SYSCP.

IEF373I STEP /COB / START 20189.1743

IEF374I STEP /COB / STOP 20189.1743 CPU 0MIN 00.05SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 216K

**** JOBCARD READ 20189 17:43:40 ****

* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS *
* STEP NAME COB USER CORE 2076K TAPES USED/IO 000/000000000 START TIME 17:43:40 TCB TIME 00:00:00.05 *
* PGM NAME IKFCBL00 SYSTEM CORE 216K DISKS USED/IO 005/000000086 STOP TIME 17:43:40 SRB TIME 00:00:00.02 *
* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 17:43:40 ELAPSED TIME PGM LOAD 17:43:40 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004 515 00:00:00.09 0 0 0 0 0 0 0 *

* CPU \$ (0.01) + EXCP \$ (0.11) + MEMORY \$ (0.29) = TOTAL \$ (0.41) *

IEF236I ALLOC. FOR VSTESTR3 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 SYS00271
IEF237I 370 ALLOCATED TO SYSUT1
IEF237I JES2 ALLOCATED TO SYSPRINT

IEF142I VSTESTR3 LKED COB - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYS20189.T174340.RA000.VSTESTR3.LOADSET DELETED *-----52

IEF285I VOL SER NOS= WORK00.

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IEF285I  SYS20189.T174340.RA000.VSTESTR3.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.T174340.RA000.VSTESTR3.R0000005  DELETED     *-----0
IEF285I  VOL SER NOS= MVS370.
IEF285I  JES2.JOB00138.S00102                      SYSOUT
IEF373I  STEP /LKED      / START 20189.1743
IEF374I  STEP /LKED      / STOP  20189.1743 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  17:43:40  TCB TIME  00:00:00.02 *
* PGM NAME   IEWL      SYSTEM CORE    208K  DISKS USED/IO 004/000000091  STOP   TIME  17:43:40  SRB TIME  00:00:00.00 *
* COND CODE  0000      PRIVATE AREA SZ  4096K  ALLOC TIME  17:43:40  ELAPSED TIME          PGM LOAD  17:43:40 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      483      00:00:00.02          0          0          0          0          0          0          0          0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.12) + MEMORY $ ( 0.01) = TOTAL $ ( 0.13)
*****
IEF236I  ALLOC. FOR VSTESTR3 GO COB
IEF237I  380  ALLOCATED TO PGM=*.DD
IEF237I  JES2 ALLOCATED TO SYSOUT
IEF237I  JES2 ALLOCATED TO SYSUDUMP
IEF237I  190  ALLOCATED TO RRDSF01
IEF237I  190  ALLOCATED TO SYS00273
IEF142I  VSTESTR3 GO COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I  SYS20189.T174340.RA000.VSTESTR3.GODATA      KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  JES2.JOB00138.S00103                      SYSOUT
IEF285I  JES2.JOB00138.S00104                      SYSOUT
IEF285I  PUB001.VSTESTRR.CLUSTER                   KEPT        *-----8
IEF285I  VOL SER NOS= PUB001.
IEF285I  UCPUB001                                    KEPT        *-----0
IEF285I  VOL SER NOS= PUB001.
IEF373I  STEP /GO      / START 20189.1743
IEF374I  STEP /GO      / STOP  20189.1743 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  17:43:40  TCB TIME  00:00:00.01 *
* PGM NAME   PGM=*.DD  SYSTEM CORE    216K  DISKS USED/IO 002/000000008  STOP   TIME  17:43:40  SRB TIME  00:00:00.00 *
* COND CODE  0000      PRIVATE AREA SZ  4096K  ALLOC TIME  17:43:40  ELAPSED TIME          PGM LOAD  17:43:40 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      74      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  380  ALLOCATED TO SYS00001
IEF285I  SYS20189.T174340.RA000.VSTESTR3.R0000001  KEPT        *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  SYS20189.T174340.RA000.VSTESTR3.GODATA      DELETED
IEF285I  VOL SER NOS= MVS380.
IEF375I  JOB /VSTESTR3/ START 20189.1743
IEF376I  JOB /VSTESTR3/ STOP  20189.1743 CPU      OMIN 00.08SEC SRB      OMIN 00.02SEC

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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 RRDSF01 COPY VSAMIOFB. *35180000
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 RRDSF01.		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 RRDS-RECORD PIC X(80).		35190000
00136		003200			35200000
00137		003300	PROCEDURE DIVISION.		35210000
00138		003400			35220000
00139		003500	000-INITIATE.		35230000
00140		003600			35240000
00141		003700	DISPLAY 'RRDSREAD: READ RRDS SEQUENTIALLY'.		35250000
00142		003800	DISPLAY '-----'.		35260000
00143		003900	DISPLAY ' '.		35270000
00144		004000			35280000
00145		004100	MOVE 'RRDSF01' TO VSIO-DDNAME.		35290000
00146		004200	MOVE VSIO-RRDS TO VSIO-ORGANIZATION.		35300000
00147		004300	MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS.		35310000
00148		004400	MOVE VSIO-INPUT TO VSIO-MODE.		35320000
00149		004500	MOVE +80 TO VSIO-RECORD-LENGTH.		35330000
00150		004600	MOVE VSIO-OPEN TO VSIO-COMMAND.		35340000
00151		004700	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, RRDSF01,		35350000
00152		004800	RRDS-RECORD.		35360000
00153		004900*	END-CALL.		35370000
00154		005000	IF NOT VSIO-SUCCESS		35380000
00155		005100	DISPLAY 'VSAMIO ERROR OCCURRED DURING '		35390000
00156		005200	VSIO-COMMAND		35400000
00157		005300	EXHIBIT NAMED VSIO-RETURN-CODE,		35410000
00158		005400	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,		35420000
00159		005500	VSIO-VSAM-FUNCTION-CODE,		35430000
00160		005600	VSIO-VSAM-FEEDBACK-CODE		35440000
00161		005700	STOP RUN.		35450000
00162		005800*	END-IF.		35460000
00163		005900			35470000
00164		006000	010-PROCESS.		35480000
00165		006100			35490000
00166		006200	PERFORM 110-PROCESS-DATA		35500000
00167		006300	THRU 119-EXIT		35510000
00168		006400	UNTIL END-OF-FILE.		35520000

00169	006500*	END-PERFORM.	35530000
00170	006600		35540000
00171	006700	020-TERMINATE.	35550000
00172	006800		35560000
00173	006900	MOVE VSIO-CLOSE TO VSIO-COMMAND.	35570000
00174	007000	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, RRDSF01,	35580000
00175	007100	RRDS-RECORD.	35590000
00176	007200*	END-CALL.	35600000
00177	007300	IF NOT VSIO-SUCCESS	35610000
00178	007400	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	35620000
00179	007500	VSIO-COMMAND	35630000
00180	007600	EXHIBIT NAMED VSIO-RETURN-CODE,	35640000
00181	007700	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	35650000
00182	007800	VSIO-VSAM-FUNCTION-CODE,	35660000
00183	007900	VSIO-VSAM-FEEDBACK-CODE.	35670000
00184	008000*	END-IF.	35680000
00185	008100		35690000
00186	008200	STOP RUN.	35700000
00187	008300		35710000
00188	008400	110-PROCESS-DATA.	35720000
00189	008500		35730000
00190	008600	MOVE VSIO-READ TO VSIO-COMMAND.	35740000
00191	008700	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, RRDSF01,	35750000
00192	008800	RRDS-RECORD.	35760000
00193	008900*	END-CALL.	35770000
00194	009000		35780000
00195	009100	IF NOT VSIO-SUCCESS	35790000
00196	009200	IF VSIO-END-OF-FILE	35800000
00197	009300	MOVE 'Y' TO END-OF-FILE-SWITCH	35810000
00198	009400	ELSE	35820000
00199	009500	DISPLAY 'VSAMIO ERROR OCCURRED DURING '	35830000
00200	009600	VSIO-COMMAND	35840000
00201	009700	EXHIBIT NAMED VSIO-RETURN-CODE,	35850000
00202	009800	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	35860000
00203	009900	VSIO-VSAM-FUNCTION-CODE,	35870000
00204	010000	VSIO-VSAM-FEEDBACK-CODE	35880000
00205	010100	MOVE 'Y' TO END-OF-FILE-SWITCH.	35890000
00206	010200*	END-IF	35900000
00207	010300*	END-IF.	35910000
00208	010400		35920000
00209	010500	IF NOT END-OF-FILE	35930000
00210	010600	MOVE VSIO-RELATIVE-RECORD TO COUNTER-EDIT	35940000
00211	010700	DISPLAY COUNTER-EDIT ': ' RRDS-RECORD.	35950000
00212	010800*	END-IF.	35960000
00213	010900		35970000
00214	011000	119-EXIT.	35980000
00215	011100	EXIT.	35990000
00216	011200		36000000
00217	011300		36010000

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-127	77	END-OF-FILE-SWITCH	BL=1	000	DNM=1-127	DS 1C	DISP				
DNM=1-158	88	END-OF-FILE			DNM=1-158						
DNM=1-180	77	COUNTER-EDIT	BL=1	001	DNM=1-180	DS 10C	NM-EDIT				
DNM=1-217	01	VSIO-PARAMETER-VALUES	BL=1	010	DNM=1-217	DS 0CL124	GROUP				
DNM=1-251	02	VSIO-OPEN	BL=1	010	DNM=1-251	DS 8C	DISP				
DNM=1-270	02	VSIO-CLOSE	BL=1	018	DNM=1-270	DS 8C	DISP				
DNM=1-290	02	VSIO-READ	BL=1	020	DNM=1-290	DS 8C	DISP				
DNM=1-312	02	VSIO-WRITE	BL=1	028	DNM=1-312	DS 8C	DISP				
DNM=1-332	02	VSIO-REWRITE	BL=1	030	DNM=1-332	DS 8C	DISP				
DNM=1-354	02	VSIO-DELETE	BL=1	038	DNM=1-354	DS 8C	DISP				
DNM=1-375	02	VSIO-START-KEY-EQUAL	BL=1	040	DNM=1-375	DS 8C	DISP				
DNM=1-405	02	VSIO-START-KEY-NOTLESS	BL=1	048	DNM=1-405	DS 8C	DISP				
DNM=1-437	02	VSIO-KSDS	BL=1	050	DNM=1-437	DS 4C	DISP				
DNM=1-456	02	VSIO-ESDS	BL=1	054	DNM=1-456	DS 4C	DISP				
DNM=1-475	02	VSIO-RRDS	BL=1	058	DNM=1-475	DS 4C	DISP				
DNM=2-000	02	VSIO-SEQUENTIAL	BL=1	05C	DNM=2-000	DS 10C	DISP				
DNM=2-025	02	VSIO-DIRECT	BL=1	066	DNM=2-025	DS 10C	DISP				
DNM=2-046	02	VSIO-DYNAMIC	BL=1	070	DNM=2-046	DS 10C	DISP				
DNM=2-068	02	VSIO-INPUT	BL=1	07A	DNM=2-068	DS 6C	DISP				
DNM=2-088	02	VSIO-OUTPUT	BL=1	080	DNM=2-088	DS 6C	DISP				
DNM=2-109	02	VSIO-INPUT-OUTPUT	BL=1	086	DNM=2-109	DS 6C	DISP				
DNM=2-136	01	VSIO-PARAMETER-BLOCK	BL=1	090	DNM=2-136	DS 0CL16	GROUP				
DNM=2-169	02	VSIO-COMMAND	BL=1	090	DNM=2-169	DS 8C	DISP				
DNM=2-191	02	VSIO-RETURN-CODE	BL=1	098	DNM=2-191	DS 2C	COMP				
DNM=2-220	88	VSIO-SUCCESS			DNM=2-220						
DNM=2-245	88	VSIO-LOGIC-ERROR			DNM=2-245						
DNM=2-274	88	VSIO-END-OF-FILE			DNM=2-274						
DNM=2-305	88	VSIO-PARAMETER-ERROR			DNM=2-305						
DNM=2-335	88	VSIO-COMMAND-UNKNOWN			DNM=2-335						
DNM=2-369	88	VSIO-DATASET-ALREADY-OPEN			DNM=2-369						
DNM=2-408	88	VSIO-DATASET-NOT-OPEN			DNM=2-408						
DNM=2-443	88	VSIO-ORGANIZATION-KEYWORD			DNM=2-443						
DNM=3-000	88	VSIO-ACCESS-KEYWORD			DNM=3-000						
DNM=3-033	88	VSIO-ACCESS-UNSUPPORTED			DNM=3-033						
DNM=3-070	88	VSIO-MODE-KEYWORD			DNM=3-070						
DNM=3-101	88	VSIO-MODE-UNSUPPORTED			DNM=3-101						
DNM=3-136	88	VSIO-DDNAME-BLANK			DNM=3-136						
DNM=3-167	02	VSIO-VSAM-RETURN-CODE	BL=1	09A	DNM=3-167	DS 2C	COMP				
DNM=3-198	02	VSIO-VSAM-FUNCTION-CODE	BL=1	09C	DNM=3-198	DS 2C	COMP				
DNM=3-231	02	VSIO-VSAM-FEEDBACK-CODE	BL=1	09E	DNM=3-231	DS 2C	COMP				
DNM=3-267	88	VSIO-DUPLICATE-RECORD			DNM=3-267						
DNM=3-301	88	VSIO-SEQUENCE-ERROR			DNM=3-301						
DNM=3-334	88	VSIO-RECORD-NOT-FOUND			DNM=3-334						
DNM=3-369	88	VSIO-NO-MORE-SPACE			DNM=3-369						
DNM=3-401	88	VSIO-READ-WITHOUT-START			DNM=3-401						
DNM=3-438	01	RRDSF01	BL=1	0A0	DNM=3-438	DS 0CL196	GROUP				
DNM=3-458	02	VSIO-DDNAME	BL=1	0A0	DNM=3-458	DS 8C	DISP				
DNM=3-479	02	VSIO-ORGANIZATION	BL=1	0A8	DNM=3-479	DS 4C	DISP				
DNM=4-000	02	VSIO-ACCESS	BL=1	0AC	DNM=4-000	DS 10C	DISP				
DNM=4-021	02	VSIO-MODE	BL=1	0B6	DNM=4-021	DS 6C	DISP				
DNM=4-040	02	VSIO-RECORD-LENGTH	BL=1	0BC	DNM=4-040	DS 2C	COMP				
DNM=4-068	02	VSIO-KEY-ARGUMENT	BL=1	0BE	DNM=4-068	DS 0CL4	GROUP				
DNM=4-098	03	VSIO-KEY-POSITION	BL=1	0BE	DNM=4-098	DS 2C	COMP				
DNM=4-128	03	VSIO-KEY-LENGTH	BL=1	0C0	DNM=4-128	DS 2C	COMP				
DNM=4-153	02	VSIO-RELATIVE-RECORD	BL=1	0BE	DNM=4-153	DS 4C	COMP	R			

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-183	02	FILLER	BL=1	0C2	DNM=4-183	DS 1C	DISP				
DNM=4-205	88	VSIO-FILE-OPEN			DNM=4-205						
DNM=4-230	88	VSIO-FILE-CLOSED			DNM=4-230						
DNM=4-257	02	FILLER	BL=1	0C3	DNM=4-257	DS 161C	DISP				
DNM=4-276	01	RRDS-RECORD	BL=1	168	DNM=4-276	DS 80C	DISP				

```
*STATISTICS*      SOURCE RECORDS = 217      DATA DIVISION STATEMENTS = 62      PROCEDURE DIVISION STATEMENTS = 37
*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
RRDSREAD	00	9AE								
ILBODSP0*	9B0	700								
ILBOSTP0*	10B0	35								
			ILBOSTP1	10C6						
VSAMIO *	10E8	D0A								

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
440	ILBOSTP0	ILBOSTP0	444	ILBODSP0	ILBODSP0
448	VSAMIO	VSAMIO	44C	ILBOSTP1	ILBOSTP0

ENTRY ADDRESS 00

TOTAL LENGTH 1DF8

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

AUTHORIZATION CODE IS 0.

RRDSREAD: READ RRDS SEQUENTIALLY

1:	0045557001	LISA L FONTAINE	714 SUNSET PLACE	SAN ANTONIO	TX
2:	0130758002	VIRGINIA O RENFRO	2111 BRIDGE AVENUE	BRIDGEPORT	CT
3:	0243081003	JILL W SCHWAB	5641 WASHINGTON STREET	WEST PALM BEACH	FL
4:	0366881004	LUCY J CHILDRESS	2777 GUADLAUPE BLVD	ROSWELL	GA
5:	0517579005	DEBRA K RODGERS	1048 WINDHAM COURT	GREENVILLE	SC
6:	0561094006	TAMMY L SCHAEFER	3911 KINGS RIDGE STREET	EUGENE	OR
7:	0593878007	LOUIS W HORTON	9722 EASTHAVEN STREET	DES PLAINES	IL
8:	0725148008	BRIAN A HODGES	4292 BONANZA STREET	ENGLEWOOD	CO
9:	0930005009	RUSSELL B HASTINGS	226 WINDTREE STREET	ALBANY	NY
10:	0994201010	ADOLF S CARLISLE	936 LAKEFRONT AVENUE	ROANOAK	VA
21:	1033846021	CHERYL I TUCKER	660 SHORE ROAD	LOUISVILLE	KY
22:	1098019022	HANNAH F QUIMBY	6151 MAIN COURT	PHOENIX	AZ
23:	1168050023	TAMMY J FRANKLIN	5226 ROSA LINDA ROAD	LOUISVILLE	KY
24:	1371074024	TAMMY M HARMON	243 KINGS RIDGE STREET	GREENVILLE	SC
25:	1442146025	LUCY H ERICKSON	6207 RIDGEWAY AVENUE	KANSAS CITY	MO
26:	1511914026	SAMANTHA J TEMPLETON	1534 SUN MEADOW AVENUE	FORT LAUDERDALE	FL
27:	1765093027	DANIEL I GOODWIN	1660 BRIGHT AVENUE	DALLAS	TX
28:	1766129028	JOYCE R NORTON	907 BRANDYWINE CIRCLE	SAN ANTONIO	TX
29:	1778910029	JUDITH H JEFFERSON	766 KNICKERBOCKER PLACE	SIOUX FALLS	SD
30:	1907611030	KEITH E NEWTON	143 BUCKLEY AVENUE	BALDWIN	MO
41:	2119032041	RUTH E GASTON	8754 GARDEN PLACE	FORT LAUDERDALE	FL
42:	2121744042	TROY J NORRIS	716 HILLSIDE ROAD	DENTON	TX
43:	2174003043	SHIRLEY V MATTOX	1260 SHORE AVENUE	FALLS VILLAGE	CT
44:	2229822044	LUCY T HAMMOND	587 CARBONDALE COURT	SALINA	KS
45:	2231748045	SCOTT F HABERMANN	336 BALBOA AVENUE	LAGO VISTA	TX
46:	2324761046	EVERETT L HAMMOND	5912 BISHOP AVENUE	KEARNEY	NE
47:	2363024047	REBECCA A GERBLICK	1617 PARKER AVENUE	SALINA	KS
48:	2483871048	SAMANTHA T MOORE	3586 STRAWBERRY COURT	PONCA CITY	OK
49:	2522284049	WANDA J TUCKER	7807 WINDTREE ROAD	SAN ANTONIO	TX
50:	2597002050	HELEN H FONTAINE	852 WESTRIDGE AVENUE	FORT LAUDERDALE	FL
61:	2806628061	ANDREW T MORENO	8900 WASHINGTON STREET	PROVIDENCE	RI
62:	2822279062	BEVERLY F WINSTON	5585 CHARLESTON ROAD	BOSTON	MA
63:	2845743063	ZELDA W RANDALL	639 SOUTHLAND ROAD	FOREST HEIGHTS	MD
64:	2858277064	CLARA F BRYANT	529 BARNABY STREET	LOUISVILLE	KY
65:	3071401065	MICHELLE A ROSS	188 EASTHAVEN AVENUE	BUFFALO	NY
66:	3129003066	BILL W BECK	1798 SEABREEZE AVENUE	BOSTON	MA
67:	3284189067	RITA N RENFRO	7881 DAISY COURT	SIOUX FALLS	SD
68:	3489628068	ARNOLD R ELISON	465 MAIN AVENUE	TULSA	OK
69:	3775212069	HANNAH J GLOVER	3791 SEABREEZE STREET	NASHAU	NH
70:	3786163070	REBECCA D DOREN	8730 STRAWBERRY ROAD	SPRING	TX
81:	3851331081	CLIFF J DRAKE	169 SHORE AVENUE	CHICAGO	IL
82:	3912384082	CRAIG O LABROIE	8021 MILL MOUNTAIN PLACE	MURFREESBORO	TN
83:	4077702083	ROLAND P RODGERS	827 MEADOW STREET	TULSA	OK
84:	4093285084	JACK J SCHWAB	250 BUCKLEY PLACE	CHICAGO	IL
85:	4176588085	BRENDA O MCKAY	315 A & M PLACE	LA HABRA	CA
86:	4197550086	TROY S POWERS	1707 BRIDGE STREET	ENGLEWOOD	CO
87:	4318291087	SAMANTHA M HALL	8063 EDMUND AVENUE	SAN ANTONIO	TX
88:	4461486088	SAMANTHA E MORENO	5196 BAYVIEW PLACE	BRIDGEPORT	CT
89:	4514067089	JIM B RIGHT	568 GREEN VALLEY AVENUE	HOUSTON	TX
90:	4588719090	SHIRLEY D JOHNSON	716 COBBS ROAD	TULSA	OK
101:	4776111101	JOSEPH P HAMMOND	6532 BRANDYWINE STREET	PASADENA	CA
102:	4813060102	REBECCA S NORTON	1175 ELLIS COURT	LOUISVILLE	KY
103:	4862587103	JILL M BENSON	170 SIERRA VISTA ROAD	HELENA	MT
104:	4893602104	LAURIE R RAMSEY	902 PECAN VALLEY STREET	PONCA CITY	OK
105:	4934781105	CHERYL H HABERMANN	930 CLIFTWOOD AVENUE	BUFFALO	NY
106:	5105151106	SHIRLEY P TYLER	5262 BRIDGE CIRCLE	FORT COLLINS	CO
107:	5220743107	CHRISTOPHER F MORGAN	9624 BONANZA AVENUE	DOWNEY	CA

108:	5239514108	NATHAN O SCHAEFER	7644 INDUSTRIAL ROAD	EUGENE	OR
109:	5462366109	DIANE P JENNINGS	2454 ROSA LINDA ROAD	KNOXVILLE	TN
110:	5470384110	JILL F ROSS	949 ROSEWOOD STREET	BALDWIN	MO
121:	5582803121	ANGELA J ERWIN	2709 BIENVILLE STREET	NEWPORT BEACH	CA
122:	5618369122	PETER F ALEXANDER	5500 KNICKERBOCKER AVENUE	BINGHAMTON	NY
123:	5731895123	BETTY H BOWERS	3787 WINDWOOD PLACE	SALT LAKE CITY	UT
124:	5764671124	PETER L SCHAEFER	358 ATOLL STREET	PASADENA	CA
125:	5867208125	JOYCE K JENNINGS	1580 ROSA LINDA COURT	TUCSON	AZ
126:	5877149126	ROBERT P GLOVER	6394 PARSON ROAD	NORWALK	CT
127:	5922222127	RUTH N ALEXANDER	259 SEASIDE ROAD	ANNAPOLIS	MD
128:	6007109128	JARED D HILLFORD	879 MICHIGAN AVENUE	PONCA CITY	OK
129:	6131803129	HELEN R DRAKE	263 BENSON STREET	DENVER	CO
130:	6212865130	JOYCE C EUBANKS	516 WESTRIDGE BLVD	WEST BRADENTON	FL
141:	6288450141	DEBRA B JACKSON	7426 PARSON ROAD	MINNEAPOLIS	MN
142:	6315453142	BILL M TEASDALE	608 LINCOLN ROAD	FORT WORTH	TX
143:	6426347143	PATTY C ELISON	5454 LINCOLN AVENUE	DETROIT	MI
144:	6532928144	HANNAH O NEWBURY	3634 SIERRA VISTA STREET	BOSTON	MA
145:	6552938145	BETTY V POWERS	454 JUNIPER AVENUE	ANN ARBOR	MI
146:	6565164146	JACK H EUBANKS	3699 SOUTHLAND PLACE	FREMONT	CA
147:	6613600147	TAMMY O EUBANKS	5230 DAISY AVENUE	KEARNEY	NE
148:	6660837148	BRIAN T PARRISH	751 PECAN VALLEY COURT	ANN ARBOR	MI
149:	6740697149	LARRY O MORENO	6565 JACKSON STREET	EUGENE	OR
150:	6865914150	DEBRA F BOWERS	8793 GARDEN AVENUE	DES PLAINES	IL
161:	6890599161	LARRY G PARKER	827 MEADOW STREET	SAN DIEGO	CA
162:	6911300162	JANET H HAMMOND	5064 GRANT STREET	DES PLAINES	IL
163:	7110260163	BEVERLY K WEAVER	829 HORSESHOE CIRCLE	LA JOLLA	CA
164:	7170298164	KEVIN L FONTAINE	3527 APPLE VALLEY STREET	MISSOULA	MT
165:	7255026165	JERRY S BOWERS	395 ALTAVISTA COURT	SAN DIEGO	CA
166:	7792268166	JOAN C GLOVER	6152 CUMBERLAND AVENUE	NEW YORK	NY
167:	8198053167	RONALD A EUBANKS	378 SHORE STREET	ANCHORAGE	AK
168:	8214332168	ROY P MATTOX	154 SUNSET COURT	WEST PALM BEACH	FL
169:	8216798169	ROY F NORRIS	3212 ALTAVISTA BLVD	BOSTON	MA
170:	8309814170	EVERETT A ERWIN	926 BALBOA STREET	OKLAHOMA CITY	OK
181:	8491480181	JOYCE S HODGES	682 PARKER PLACE	CLEVELAND	OH
182:	8544794182	NATHAN R JOHNSON	1034 TWILIGHT ROAD	COVINGTON	LA
183:	8675854183	ANDREW B WINSTON	2458 ELLIS ROAD	SPRING	TX
184:	8763434184	CRAIG I GOODLOW	1667 WASHINGTON ROAD	MONTGOMERY	AL
185:	8969094185	ERNIE N DUNBAR	2830 NORTHFIELD STREET	LOUISVILLE	KY
186:	9235874186	TED R BOWERS	532 PECAN VALLEY STREET	PRESCOTT	AZ
187:	9266973187	ANDREW K CONLEY	689 WINDTREE BLVD	ATLANTA	GA
188:	9445325188	ARNOLD F RAMSEY	8629 LINCOLN CIRCLE	MONTGOMERY	AL
189:	9604395189	JANET M BARBER	1605 GARRETT STREET	LA JOLLA	CA
190:	9962289190	PETER R STUART	870 BALBOA COURT	PHILADELPHIA	PA