

WVS*VORTEX(1),MICROLIST

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1      SUBROUTINE MICLIS (*,OPTION)
2      C
3      C      PRINT AN ELEMENT WITH SEQUENCE NUMBERS, SKIPPING TO HEAD OF
4      C      PAGE WHEN THE WORD 'EJEC' IS FOUND IN COLUMNS 8-11.
5      C
6      C      USAGE:
7      C      @MICROLIST INPUT-ELEMENT
8      C
9      C      IMPLICIT INTEGER (A-Z)
10     INTEGER SIWORK(476),FI(2)/'SIS', ' ',EI(2)/2*' ',VI(2)/2*' ',
11     INTEGER IMAGE(14),PRLINE(16),SEQF(2)
12     EQUIVALENCE (PRLINE(3),IMAGE)
13     DATA PRLINE(2) /'*'/
14     INTEGER PCARD(55),ISPEC(14),IFILE(8)
15     INTEGER SIMSG(4,3)/'INPUT ELEMENT NOT FOUND ','I/O ERROR OPENING I
16     INPUT ','INPUT NOT A PROGRAM FILE'/
17     DATA LABEL /0500100000000/
18     INTEGER IOMSGI(6)/'I/O ERROR XX READING INPUT ELEMENT'/
19     C
20     C
21     C      EXAMINE THE PROCESSOR CALL CARD, OPEN THE INPUT ELEMENT.
22     C
23     CALL INFORR (PCARD,55,STATUS) @ READ THE PROCESSOR CALL CARD.
24     IF (STATUS.EQ.0) GO TO 30
25     10  CALL PRINTD ('PROCESSOR CALL CARD ERROR',5,1)
26     20  RETURN 1
27     30  CALL INFORW (ISPEC,1,STATUS) @SCAN SPEC 1
28     IF (STATUS.EQ.0) GO TO 40
29     CALL PRINTD ('NO SPEC 1',2,1)
30     GO TO 10
31     40  IF (FLD(6,6,ISPEC(1)).NE.0) GO TO 50
32     FI(1)='TPFS'
33     GO TO 60
34     50  CALL INFORU (FI,IFILE,STATUS) @ ATTACH @USE SIS
35     60  IF (FLD(0,6,ISPEC(2)).NE.0) GO TO 70
36     CALL PRINTD ('NO ELEMENT NAME IN SPEC 1',5,1)
37     GO TO 10
38     70  EI(1)=ISPEC(10)
39     IF (FLD(0,6,ISPEC(2)).GT.6) EI(2)=ISPEC(11)
40     IF (FLD(6,6,ISPEC(2)).NE.0) VI(1)=ISPEC(12)
41     IF (FLD(6,6,ISPEC(2)).GT.6) VI(2)=ISPEC(13)
42     STATUS=ELTRO(SIWORK,FI,EI,VI) @ OPEN INPUT ELEMENT
43     IF (STATUS.EQ.0) GO TO 80
44     CALL PRINTD (SIMSG(1,STATUS=32),4,1)
45     GO TO 20
46     80  STATUS=ELTR(SIWORK,IMAGE,14,ICW) @ READ LABEL
47     IF (STATUS.NE.37) GO TO 90
48     CALL PRINTD ('UNEXPECTED EOF',3,1)
49     GO TO 20
50     90  IF (STATUS.EQ.0) GO TO 110
51     100 FLD(24,6,IOMSGI(2))='@@@@@'+STATUS/8
52     FLD(30,6,IOMSGI(2))='@@@@@'+MOD(STATUS,8)
53     CALL PRINTD (IOMSGI,6,1)
54     GO TO 20
55     110 IF (FLD(0,12,ICW).EQ.FLD(0,12,LABEL)) GO TO 120
56     CALL PRINTD ('MISSING OR IMPROPER LABEL',5,1)

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57          GO TO 20
58      120  SEQ=0
59          LINES=63
60          CALL PRINTD ('MICROLIST VERSION 17,4,1)
61      C
62      130  STATUS=ELTR(SIWORK,IMAGE,14,ICW)
63          IF (STATUS,EQ,37) GO TO 150      @ END OF INPUT
64          IF (STATUS,NE,0) GO TO 100
65          IF (ICW,LT,0) GO TO 130          @ LABEL OR CONTROL IMAGE.
66      C
67      C      TEXT IMAGE. DETERMINE WHETHER TO SKIP 1 LINE OR 63.
68      C
69          SEQ=SEQ+1
70          CALL CONVOD (SEQ,SEQF)
71          PRLINE(1)=SEQF(2)
72          IF (FLD(0,6,IMAGE(1)),EQ,'@@@@@') GO TO 140
73          IF (CHGRTR(IMAGE,8,'EJEC',1,4),EQ,0) LINES=63
74      140  CALL PRINTD (PRLINE,16,LINES)
75          LINES=1
76          GO TO 130
77      C
78      C      END OF INPUT.
79      C
80      150  CALL ELTRC (SIWORK)
81          RETURN
82      C
83          END
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CPU:023 CTP:000 SUPS:0894

@A*PS.PRESS,CO PFFFILE.MICSIM,PFFFILE,MICSIM

PRESS 09/15/77

CPU:8.144 CTP:052 SUPS:24.367

@HDG,P

SOURCE DECK: 28:

MICSIM

@PRT,S PFFFILE.MICSIM

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