

LABEL 000000000PRINTER00175098CC EX OBJECT/READ;FILE SOURCEFILE=SYMBOL/STATS4}END*

OBJECT /READ

SYMBOL/STATS4

BEGIN% ANALYSIS OF STATISTICS LOG FILE.

COMMENT: * TITLE: B5500/B5700 MARK XIV SYSTEM RELEASE

* FILE ID: SYMBOL/STATS4 TAPE ID: SYMBOL2/FILE000

* THIS MATERIAL IS PROPRIETARY TO BURROUGHS CORPORATION

* AND IS NOT TO BE REPRODUCED, USED, OR DISCLOSED

* EXCEPT IN ACCORDANCE WITH PROGRAM LICENSE OR UPON

* WRITTEN AUTHORIZATION OF THE PATENT DIVISION OF

* BURROUGHS CORPORATION, DETROIT, MICHIGAN 48232

*

* COPYRIGHT (C) 1971, 1972 BURROUGHS CORPORATION

* AA320206 AA386657

FILE CARD (2,10),

PRN 4(2,15),

DSK DISK SERIAL (2,15,30);

ARRAY STLOG[0:1],JOBSTAT[0:14],CNT[0:4];

REAL JOBTYP1,JOBTYP2,OVERLAYUSED,I;

LABEL RD1,EOF;

FORMAT STLOGNAME("PSUEDD-LOG FILE: ",A1,A6,"/",A1,A6),

JOBSTATS ("JOB NAME: ",A1,A6,"/",A1,A6,x10,"JOB TYPE: ",A1,A6,

X1,A1,A6/

"-----"/

X4,"BOJ TIME: ",I2,":",I2,

X5,"EOJ TIME: ",I2,":",I2,

X9,"ELAPSED TIME: ",I3," MINS. ",F5.2," SECS."//

X4,"PROCESSOR TIME: ",I3," MINS. ",F5.2," SECS.",

X5," I/O TIME: ",I3," MINS. ",F5.2," SECS."//

X4,"CORE REQUIRED: ",I5," WORDS",

X5,"TOTAL CORE IN USE: ",I5,"(",I5,")", " WORDS",

X5,"DISK OVERLAY USED: ",I3," SUB-SECTIONS"//

X4,"NUMBER OF CODE P BIT INTRPTS: ",I5,

X3,"NUMBER OF CODE OVERLAYS: ",I5,

X3,"NUMBER OF SECONDARY CODE P BIT INTRPTS: ",I5//

X4,"NUMBER OF DATA P BIT INTRPTS: ",I5,

X3,"NUMBER OF DATA OVERLAYS: ",I5,

X3,"NUMBER OF SECONDARY DATA P BIT INTRPTS: ",I5//

X4,"NUMBER OF JOBS REMAINING IN MIX: ",I2//

);

%-----00002700

STREAM PROCEDURE SCANFILE(LOG);

BEGIN REAL LOCAL2,LOCAL1;

SI:=LOG; DI:=LOC LOCAL1;

DI:=DI+1;

7(IF SC="/" THEN DS:=LIT " " ELSE DS:=CHR);

SI:=SI+1; DI:=DI+1;

DS:=7 CHR;

SI:=LOC LOCAL1; DI:=LOG;

DS:=16 CHR;

END;

%-----00003800

PROCEDURE COMPUTEOVERLAY;

BEGIN

CNT[0]:= REAL((I:=JOBSTAT[7]),[18:6]) NEQ 0);

CNT[1]:= REAL(I,[24:6] NEQ 0);

CNT[2]:= REAL(I,[30:6] NEQ 0);

CNT[3]:= REAL(I,[36:6] NEQ 0);

CNT[4]:= REAL(I,[42:6] NEQ 0);

OVERLAYUSED:=((I,[3:14]-1)*5)+CNT[0]+CNT[1]+CNT[2]+

CNT[3]+CNT[4]);

END;

%-----00004800

%-----00005000

```

PROCEDURE FINDJOBTYPE;                                00005100
  BEGIN                                              00005200
    CASE (JOBSTAT[8],[42:6]) OF                      00005300
      BEGIN                                          00005400
        CASE (JOBSTAT[8],[36:6]) OF                00005500
          BEGIN                                      00005600
            BEGIN JOBTYPE1:="UNKNOWN";JOBTYPE2:=" OBJECT" END; 00005700
            BEGIN JOBTYPE1:=" BASIC";JOBTYPE2:=" OBJECT" END; 00005800
            BEGIN JOBTYPE1:=" ALGOL";JOBTYPE2:=" OBJECT" END; 00005900
            BEGIN JOBTYPE1:=" COBOL";JOBTYPE2:=" OBJECT" END; 00006000
            BEGIN JOBTYPE1:="FORTRAN"; JOBTYPE2:=" OBJECT" END; 00006100
            BEGIN JOBTYPE1:=" TSPOL";JOBTYPE2:=" OBJECT" END; 00006200
            BEGIN JOBTYPE1:=" XALGOL";JOBTYPE2:=" OBJECT" END; 00006300
          END;                                        00006400
          BEGIN JOBTYPE1:=" ALGOL";JOBTYPE2:="COMPILE" END; 00006500
          BEGIN JOBTYPE1:=" COBOL";JOBTYPE2:="COMPILE" END; 00006600
          BEGIN END;                                00006700
          BEGIN END;                                00006800
          BEGIN END;                                00006900
          BEGIN JOBTYPE1:="FORTRAN";JOBTYPE2:="COMPILE" END; 00007000
          BEGIN JOBTYPE1:=" BASIC";JOBTYPE2:="COMPILE" END; 00007100
          BEGIN END;                                00007200
          BEGIN JOBTYPE1:=" XALGOL"; JOBTYPE2:="COMPILE" END; 00007300
          BEGIN JOBTYPE1:=" TSPOL"; JOBTYPE2:="COMPILE" END; 00007400
        END;                                        00007500
      END;                                          00007600
    X----- MAIN BODY ----- 00007700
    READ(CARD,2,STLOG[*]);                          00007800
    SCANFILE(STLOG);                                00007900
    FILL DSK WITH STLOG[0],STLOG[1];                00008000
    WRITE(PRN,STLOGNAME,STLOG[0],[6:6],STLOG[0],    00008100
          STLOG[1],[6:6],STLOG[1]);                00008200
    WRITE(PRN); WRITE(PRN);                        00008300
    RD1: READ(DSK,15,JOBSTAT[*])[EOF];              00008400
    IF JOBSTAT[0]=REAL(NOT FALSE) THEN GO TO EOF;  00008500
    IF OVERLAYUSED:=JOBSTAT[7] NEQ 0 THEN COMPUTEOVERLAY; 00008600
    FINDJOBTYPE;                                    00008700
    WRITE(PRN,JOBSTATS,JOBSTAT[0],[6:6],JOBSTAT[0],JOBSTAT[1],[6:6], 00008800
          JOBSTAT[1],JOBTYPE1,[6:6],JOBTYPE1,JOBTYPE2,[6:6],JOBTYPE2, 00008900
          (JOBSTAT[2]/3600) DIV 60,                 00009000
          (JOBSTAT[2]/3600) MOD 60,                 00009100
          (JOBSTAT[3]/3600) DIV 60,                 00009200
          (JOBSTAT[3]/3600) MOD 60,                 00009300
          ((JOBSTAT[3]-JOBSTAT[2]) DIV 3600),       00009400
          ((JOBSTAT[3]-JOBSTAT[2]) MOD 3600)/60,    00009500
          (JOBSTAT[4] DIV 3600),                     00009600
          (JOBSTAT[4] MOD 3600)/60,                 00009700
          (JOBSTAT[5] DIV 3600),                     00009800
          (JOBSTAT[5] MOD 3600)/60,                 00009900
          JOBSTAT[6],[33:15],                        00100000
          (JOBSTAT[6],[3:15]+JOBSTAT[6],[18:15]),   00010100
          JOBSTAT[6],[3:15],                        00010200
          OVERLAYUSED,                              00010300
          JOBSTAT[10],[24:24],                      00010400
          JOBSTAT[11],[24:24],                      00010500
          JOBSTAT[12],[24:24],                      00010600
          JOBSTAT[10],[1:23],                       00010700
          JOBSTAT[11],[1:23],                       00010800
          JOBSTAT[12],[1:23],                       00010900
          JOBSTAT[13]                               00011000

```

```
);  
WRITE(PRN); WRITE(PRN);  
GO TO RD1;
```

```
00011100  
00011200  
00011300  
00011400  
99999999
```

```
1 EDF: END.  
2 END;END. LAST CARD ON OCRDING TAPE  
3 0000000000000000)x2A40I?PRT(245) = ADDRESS  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57
```

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57

LABEL 00000000PRINTER00175098CC EX OBJECT/READ;FILE SOURCEFILE=SYMBOL/STATS4;END+

OBJECT /READ

1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9
10		10
11		11
12		12
13		13
14		14
15		15
16		16
17		17
18		18
19		19
20		20
21		21
22		22
23		23
24		24
25		25
26		26
27		27
28		28
29		29
30		30
31		31
32		32
33		33
34		34
35		35
36		36
37		37
38		38
39		39
40		40
41		41
42		42
43		43
44		44
45		45
46		46
47		47
48		48
49		49
50		50
51		51
52		52
53		53
54		54
55		55
56		56
57		57

Data Documents/Inc.