

LABEL 000000000PRINTER00175098CC EX OBJECT/READ;FILE SOURCEFILE=SYMBOL/STATS2;END+

OBJECT /READ

SYMBOL/STATS 2

Data Documents/Inc.

BEGINX ANALYSIS OF TIME-SHARING LOG FOR JOB STATISTICS.

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

* FILE ID: SYMBOL/STATS2 TAPE ID: SYMBOL2/FILE000

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* AA320206 AA386657

FILE TWX REMOTE(2,10),

DSK DISK SERIAL (2,10,30),

PRN 4(2,16);

INTEGER I,J;

ARRAY LOG[0:1],LOGREC,STARTIME,CORETIME,MIXATEDOJ,SWAPS,

P TIME,IOTIME,SECONDDPBITS,SECONDDPBITS[0:29];

ARRAY CORE,CODEPBITS,DATAPBITS,CODEQLAYS,DATAQLAYS[0:29],CNT[0:4];

ARRAY OLAY,FIRSTCHUNK,LASTCHUNK[0:29];

LABEL EOF,RD1;

REAL STRTIME,STPTIME,OVERLAYUSED;

REAL MIX,WORDZERO,STOPTIME,NAME1,NAME2;

FORMAT LOGNAME("TS LOG FILE: ",A1,A6,"/",A1,A6),

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

"-----"/

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

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

X5,"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 ("",I2,"-",I2,"")",

X4," TIME IN CORE: ",I3," MINS. ",F5.2," SECS.",

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

X4,"NUMBER OF CODE P BIT INTRPTS: ",I4,

X4,"NUMBER OF CODE OVERLAYS: ",I4,

X4,"NUMBER OF SECONDARY CODE P BIT INTRPTS: ",I4//

X4,"NUMBER OF DATA P BIT INTRPTS: ",I4,

X4,"NUMBER OF DATA OVERLAYS: ",I4,

X4,"NUMBER OF SECONDARY DATA P BIT INTRPTS: ",I4//

X4,"NUMBER OF FORCED SWAPS: ",I3,

X5,"NUMBER OF TIME SWAPS: ",I3//

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

);

FORMAT ASKFORAFILE("WHICH LOG ");

STREAM PROCEDURE SCANFILE(LOG);

X-----00003600

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;

X-----00004600

PROCEDURE COMPUTEOVERLAY;

BEGIN

CNT[0]:= REAL((I:=OLAY[MIX]),[18:6] NEQ 0);

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

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00005000

	WRITE(PRN, JOBSTATS, NAME1.[6:6], NAME1, NAME2.[6:6], NAME2,	00011100
	(STARTIME[MIX]/3600) DIV 60,	00011200
	(STARTIME[MIX]/3600) MOD 60,	00011300
1	(STOPTIME/3600) DIV 60,	00011400
2	(STOPTIME/3600) MOD 60,	00011500
3	(STOPTIME-STARTIME[MIX]) DIV 3600,	00011600
4	((STOPTIME-STARTIME[MIX]) MOD 3600)/60,	00011700
5	(PTIME[MIX] DIV 3600),	00011800
6	(PTIME[MIX] MOD 3600)/60,	00011900
7	(IOTIME[MIX] DIV 3600),	00012000
8	(IOTIME[MIX] MOD 3600)/60,	00012100
9	CORE[MIX],	00012200
10	FIRSTCHUNK[MIX],	00012300
11	LASTCHUNK[MIX],	00012400
12	CORETIME[MIX] DIV 3600,	00012500
13	(CORETIME[MIX] MOD 3600)/60,	00012600
14	OVERLAYUSED,	00012700
15	CODEPBITS[MIX],	00012800
16	CODEOLAYS[MIX],	00012900
17	SECONDPBITS[MIX],	00013000
18	DATAPBITS[MIX],	00013100
19	DATABLAYS[MIX],	00013200
20	SECONDDPBITS[MIX],	00013300
21	SWAPS[MIX].[1:23],	00013400
22	SWAPS[MIX].[24:24],	00013500
23	MIXATECJ[MIX]	00013600
24);	00013700
25	WRITE(PRN); WRITE(PRN);	00013800
26	GO TO RD1;	00013900
27	END;	00014000
28	GO TO RD1;	00014100
29	EOF: END,	00014200
30	END;END. LAST CARD ON OCRDING TAPE	99999999
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LABEL 00000000PRINTER0017509800 EX OBJECT/READ;FILE SOURCEFILE=SYMBOL/STATS2;END+

OBJECT /READ

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