

OLD DALIBM LIST

DALIBM.F4 13:42 CET (12:42 GMT) 19-OCT-78

```

00100C***
00110C***      UTILITY          DALIBM
00120C***
00130C***      LAST UPDATE
00140C***      AUTHOR          D. ANNEN
00150C***      DATE WRITTEN    OCTOBER, 1978
00160C***
00170C***      EXT. FUNCTION    HASH          (BBHASH.F4)
00180C***
00190C***      EXT. SUBROUTINES  HASHFIND (BBHAFI.F4)
00200C***      SORT          (SORT***)
00210C***
00220C***      FUNCTION:      'DALIBM' PRINTS EITHER A SEQUENTIAL REPORT OF THE
00230C***      WHOLE BINARY MASTER FILE 'FIRMAS.BIN' (C), OR A
00240C***      SEQUENTIAL REPORT WITHIN A SECTOR (S), OR A
00250C***      SINGLE REPORT OF A TABLE-NUMBER (T).
00260C***      YOU HAVE THE CHOICE BETWEEN TWO PAPER SIZES:
00270C***      - 80 CHARACTERS PER LINE
00280C***      - 132 CHARACTERS PER LINE, RESPECTEVELY.
00290C***
00300C***

```

```

00310      INTEGER TAB, NP, NCOL, PEC, LAP, CRT, PAR, ZZ, MAX, IERR, V,
00320      %SEC, IWORK, NWORK, IBUF, KEYS, CHAR, L, DAN2
00330      STRING RI, FOR, F1, F2, S, S2
00340      LOGICAL END
00350      COMMON F1, F2, TAB, NP, NCOL, CRT, PEC, LAP, PAR, RI, ZZ, CHAR, MAX
00360      DIMENSION PAR(4,8), IWORK(500), IBUF(2), KEYS(3)
00370      DATA ZZ, NWORK, IKEY, N, KEYS/0, 500, 1, 2, 1, 1, 0/
00380C

```

00390C
00400C F O R M A T S
00410C-----

```

00420C
00430      99 FORMAT(1H , 'ENTER "C" FOR COMPLETE, "S" FOR SECTOR, "T" FOR TABLE
00440      & LISTING---', y$)
00450      98 FORMAT(1H , 'WRONG ENTRY - PLEASE TRY AGAIN')
00460      97 FORMAT(1H , 'STATUS CODE FOR FIRMAS.BIN: ', y11, ' - PLEASE TRY AGAIN
00470      &EXECUTING DALIBM!')
00480      96 FORMAT(/////1H , 'TABLE-NUMBER?---', y$)
00490      95 FORMAT(1H , 'TABLE-NUMBER NOT FOUND - TRY AGAIN!')
00500      94 FORMAT(1H , 'SECTOR?---', y$)
00510      93 FORMAT(1H , I9, 1X, I5)
00520      92 FORMAT('1')
00530      91 FORMAT(1H , 'PAPER SIZE: 132 OR 80 CHARACTERS PER LINE?')
00540      90 FORMAT(1H , 'ENTER 132 OR 80---', y$)
00550C

```

00560C
00570C E N T R Y
00580C-----

```

00590C
00600      100 PRINT 91
00610      PRINT 90
00620      ACCEPT, CHAR
00630      IF(CHAR.EQ.132)          GO TO 132
00640      IF(CHAR.EQ.80)          GO TO 80
00650      GO TO 100

```



```

00660C
00670 132 F1='(/1H ,1X,I9,2X,I1,2X,I5,2X,I1,2X,I1,2X,A5,2X,
00680 F2='(A3,1X,I1,1X,I4,1X,I4,1X))'
00690 MAX=118
00700 GO TO 550
00710C
00720 80 F1='(/1H ,1X,I9,4X,I1,4X,I5,4X,I1,4X,I1,4X,A5,
00730 &4X,A3,4X,I1,4X,I4,4X,I4,
00740 F2='(/1H ,47X,A3,4X,I1,4X,I4,4X,I4))'
00750 MAX=57
00760 550 PRINT 99
00770 ACCEPT,S2
00780 S2=TRIMR(TRIML(S2))
00790 IF(S2.EQ.'') GO TO 1000
00800 S2=SUBSTR(S2,1)
00810 IF(S2.EQ.'C') GO TO 600
00820 IF(S2.EQ.'S') GO TO 700
00830 IF(S2.EQ.'T') GO TO 800
00840 PRINT 98
00850 GO TO 550
00860C
00870C-----
00880C C O M P L E T E R E P O R T
00890C-----
00900C
00910 600 V=1
00920 CALL NEWPAGE (V,ZZ,CHAR)
00930 CALL OPEN(1,'FIRMAS.BIN','BSI',IERR)
00940 IF(IERR.NE.0) GO TO 999
00950 300 READ(1,END=50)TAB,NP,NCOL,PEC,LAP,CRT,(PAR(1,K),K=1,NP),
00960 & ((PAR(J,K),J=2,4),K=1,NP),RI
00970 DAN2=NP+2
00980 IF(CHAR.EQ.132) DAN2=3
00990 L=DAN2+LENGTH(RI)/MAX
01000 IF(ZZ+L.LE.60) GO TO 200
01010 CALL NEWPAGE (V,ZZ,CHAR)
01020 200 CALL LISTING
01030 GO TO 300
01040C
01050 50 CALL CLOSE(1)
01060 GO TO 1000
01070C
01080 999 PRINT 97,IERR
01090 GO TO 1000
01100C
01110C-----
01120C S E C T O R R E P O R T
01130C-----
01140C
01150 700 V=1
01160 PRINT 94
01170 ACCEPT,SEC
01180 IF(SEC.EQ.0) GO TO 550
01190 CALL OPEN(2,'FIRIND.BIN','BSI',IERR)
01200 CALL OPEN(3,'TNSORT.TMP','ASOL',IERR)
01210 120 READ(2,END=40)TAB,IPO
01220 IF(TAB/10000000.EQ.SEC) GO TO 150
01230 GO TO 120
01240C
01250 150 WRITE(3,93)TAB,IPO

```



```

01260      GO TO 120
01270C
01280      40 CALL CLOSE(2,3)
01290      CALL OPEN(3,'TNSORT.TMP','ASIL',IERR)
01300      CALL SORT(N,KEYS,IKEY,4,5,6,NWORK)
01310      END=,FALSE.
01320      210 READ(3,93)IBUF
01330      IF(EOFTST(3)) END=,TRUE.
01340      CALL RELEAS(IBUF,END,IWORK)
01350      IF(,NOT,END)                                GO TO 210
01360      CALL OPEN(1,'FIRMAS.BIN','BRI',IERR)
01370      CALL NEWPAGE (V,ZZ,CHAR)
01380      220 CALL FETCH(IBUF,END,IWORK)
01390      READ(1#IBUF(2))TAB,NP,NCOL,PEC,LAP,CRT,(PAR(1,K),K=1,NP),
01400      &      ((PAR(J,K),J=2,4),K=1,NP),RI
01410      L=DAN2+LENGTH(RI)/MAX
01420      DAN2=NP+2
01430      IF(CHAR.EQ.132)      DAN2=3
01440      IF(L+ZZ.LE.60)                                GO TO 190
01450      CALL NEWPAGE (V,ZZ,CHAR)
01460      190 CALL LISTING
01470      IF(,NOT,END)                                GO TO 220
01480C
01490      60 CALL CLOSE(1)
01500      CALL UNSAVE(3,IERR)
01510      PRINT 92
01520      GO TO 550

```

01530C

01540C-----

01550C T A B L E - N U M B E R R E P O R T

01560C-----

01570C

```

01580      800 PRINT 96
01590      ACCEPT,TAB
01600      IF(TAB.EQ.0)                                GO TO 550
01610      CALL HASHFIND(TAB,IERR,IPO,IAD,ICO)
01620      IF(IERR.NE.0)                                GO TO 888
01630      CALL OPEN(1,'FIRMAS.BIN','BRI',IERR)
01640      IF(IERR.NE.0)                                GO TO 999
01650      READ(1#IPO)TAB,NP,NCOL,PEC,LAP,CRT,(PAR(1,K),K=1,NP),
01660      &      ((PAR(J,K),J=2,4),K=1,NP),RI
01670      V=3
01680      CALL NEWPAGE (V,ZZ,CHAR)
01690      CALL LISTING
01700      CALL CLOSE(1)
01710      GO TO 800

```

01720C

01730 888 PRINT 95

01740 GO TO 800

01750C

01760C-----

01770C E X I T

01780C-----

01790C

01800 1000 STOP

01810 END

01820C

01830C-----

01840C S U B R O U T I N E L I S T I N G

01850C-----


```

01260      GO TO 120
01270C
01280      40 CALL CLOSE(2,3)
01290      CALL OPEN(3,'TNSORT.TMP','ASIL',IERR)
01300      CALL SORT(N,KEYS,IKEY,4,5,6,NWORK)
01310      END=.FALSE.
01320      210 READ(3,93)IBUF
01330      IF(EOFTST(3)) END=.TRUE.
01340      CALL RELEAS(IBUF,END,IWORK)
01350      IF(.NOT.END)                                GO TO 210
01360      CALL OPEN(1,'FIRMAS.BIN','BRI',IERR)
01370      CALL NEWPAGE (V,ZZ,CHAR)
01380      220 CALL FETCH(IBUF,END,IWORK)
01390      READ(1#IBUF(2))TAB,NP,NCOL,PEC,LAP,CRT,(PAR(1,K),K=1,NP),
01400      &      ((PAR(J,K),J=2,4),K=1,NP),RI
01410      L=DAN2+LENGTH(RI)/MAX
01420      DAN2=NP+2
01430      IF(CHAR.EQ.132)      DAN2=3
01440      IF(L+ZZ.LE.60)                                GO TO 190
01450      CALL NEWPAGE (V,ZZ,CHAR)
01460      190 CALL LISTING
01470      IF(.NOT.END)                                GO TO 220
01480C
01490      60 CALL CLOSE(1)
01500      CALL UNSAVE(3,IERR)
01510      PRINT 92
01520      GO TO 550
01530C

```

```

01540C-----
01550C      T A B L E - N U M B E R   R E P O R T
01560C-----

```

```

01570C
01580      800 PRINT 96
01590      ACCEPT,TAB
01600      IF(TAB.EQ.0)                                GO TO 550
01610      CALL HASHFIND(TAB,IERR,IPO,IAD,ICO)
01620      IF(IERR.NE.0)                                GO TO 888
01630      CALL OPEN(1,'FIRMAS.BIN','BRI',IERR)
01640      IF(IERR.NE.0)                                GO TO 999
01650      READ(1#IPO)TAB,NP,NCOL,PEC,LAP,CRT,(PAR(1,K),K=1,NP),
01660      &      ((PAR(J,K),J=2,4),K=1,NP),RI
01670      V=3
01680      CALL NEWPAGE (V,ZZ,CHAR)
01690      CALL LISTING
01700      CALL CLOSE(1)
01710      GO TO 800
01720C
01730      888 PRINT 95
01740      GO TO 800
01750C

```

```

01760C-----
01770C      E X I T
01780C-----

```

```

01790C
01800      1000 STOP
01810      END
01820C

```

```

01830C-----
01840C      S U B R O U T I N E   L I S T I N G
01850C-----

```



```

01860C
01870      SUBROUTINE LISTING
01880C
01890      INTEGER TAB,NP,NCOL,CRT,PAR(4,8),ZZ,DAN,CHAR
01900      STRING RI,FOR,F1,F2,S
01910      COMMON F1,F2,TAB,NP,NCOL,CRT,PEC,LAP,PAR,RI,ZZ,CHAR,MAX
01920C
01930C
01940      69 FORMAT(1H ,14X,S)
01950      68 FORMAT(1H ,12X,S)
01960C
01970C
01980      DAN=NP-1
01990      IF(CHAR.EQ.132)      DAN=NP
02000      FOR=F1&STRING(DAN)&F2
02010      PRINT FOR,TAB,NP,NCOL,CRT,PEC,LAP,((PAR(J,K),J=1,4),K=1,NP)
02020      490 IF(LENGTH(RI).LE.MAX)      GO TO 520
02030      DO 500 I=MAX,1,-1
02040      IF(SUBSTR(RI,I).EQ.' ')      GO TO 510
02050      500 CONTINUE
02060      510 S=SUBSTR(RI,1,I)
02070      SUBSTR(RI,1,I)=' '
02080      IF(CHAR.EQ.132)      GO TO 530
02090      PRINT 69,S
02100      GO TO 540
02110C
02120      530 PRINT 68,S
02130      540 ZZ=ZZ+1
02140      GO TO 490
02150C
02160      520 IF(CHAR.EQ.132)      GO TO 570
02170      PRINT 69,RI
02180      GO TO 580
02190C
02200      570 PRINT 68,RI
02210      580 ZZ=ZZ+3
02220      IF(CHAR.EQ.80)      ZZ=ZZ+NP-1
02230      RETURN
02240      END
02250C
02260C-----
02270C      S U B R O U T I N E   N E W P A G E
02280C-----
02290C
02300      SUBROUTINE NEWPAGE (V,ZZ,CHAR)
02310C
02320      INTEGER V,ZZ,CHAR
02330C
02340C
02350      39 FORMAT(1H+,46X,'PAR,',9X,'THEO',4X,'PRAC')
02360      38 FORMAT(1H , ' TAB',8X,'NP',5X,'NCOL CRT PEC',6X,
02370      &'LAP NAME LEVEL SIZE SIZE')
02380      37 FORMAT(1H ,1X,70(1H-)/)
02390      36 FORMAT(1H+, ' TAB NP NCOL FW PC LAP ',)
02400      &6('PAR L THEO PRAC ')
02410      35 FORMAT(1H ,1X,129(1H-)/)
02420      34 FORMAT('1')
02430      33 FORMAT('3')
02440C
02450C

```



```
02460      IF(V,EQ,3)                GO TO 310
02470      PRINT 34
02480      GO TO 370
02490C
02500 310 PRINT 33
02510 370 IF(CHAR,EQ,132)           GO TO 299
02520      PRINT 39
02530      PRINT 38
02540      PRINT 37
02550      ZZ=4
02560      GO TO 399
02570C
02580 299 PRINT 36
02590      PRINT 35
02600      ZZ=3
02610 399 RETURN
02620      END
```

READY