

Listing 1

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10 REM **** Listing 1 ****
20 MODE 1:LOCATE 1,8:PRINT"Das MC=Progra
mm 'DHELP.COD' wird erzeugt"
30 PRINT"und auf Diskette abgelegt."
40 PRINT:PRINT"Diskette einlegen und Tas
te druecken !"
50 CALL &BB06:anf = &A000:ende = &A063:z
eilyn=140
60 FOR z1=anf TO ende:READ dat$:IF LEFT$
(dat$,1)<>"&" THEN 90
70 IF sum<>VAL(dat$) THEN PRINT "Fehler
Zeile "zeilyn:END
80 sum=0:dat$="":IF z1=ende THEN END:ELS
E z1=z1-1:zeilyn=zeilyn+10:GOTO 110
90 dat$="&"+dat$
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100 POKE z1,VAL(dat$):sum=sum+VAL(dat$)
110 NEXT z1
120 SAVE"dhelp.cod",B,&A000,&63
130 LOCATE 14,16:PRINT CHR$(24);" ALLES
OKAY ! ";CHR$(24):END
140 DATA 21,44,A0,CD,D4,BC,3B,07, &3A1
150 DATA 11,2D,A0,CD,23,A0,C9,22, &359
160 DATA 45,A0,79,32,47,A0,1E,00, &295
170 DATA 16,02,0E,0B,21,00,6E,DF, &19C
180 DATA 45,A0,C9,1A,FE,2B,CB,CD, &4B6
190 DATA 5A,BB,13,1B,F6,42,65,66, &343
200 DATA 65,6B,6C,20,6E,69,63,6B, &2FB
210 DATA 74,20,67,65,66,75,6E,64, &30D
220 DATA 65,6E,07,2B,84,7B,C0,07, &2CB
230 DATA 00,00,3E,E5,11,00,60,12, &1A6
240 DATA 13,21,FF,6F,ED,52,C2,4F, &3F2
250 DATA A0,12,C9,CD,06,BB,32,93, &3CE
260 DATA 4C,C9,00,00, &115

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Listing 2

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10 REM *** Titelbild ****
20 SYMBOL 250,64,192,66,70,74,15,2,0
30 INK 1,26:PAPER 1
40 MODE 1:INK 0,2:INK 1,0:INK 2,26:INK 3
,13:BORDER 26:PAPER 2:CLS
50 WINDOW 12,30,4,22:PAPER 1:PEN 3:CLS
60 FOR b=0 TO 1:FOR a=0 TO PI/2 STEP 0.0
4:x=8*IN(a)*(45-b*10):y=8*COB(a)*(45-b*10):
PLOT x+330,y+200,3-b:DRAWR -2*x,0:ORIGIN
0,0:PLOT x+330,200-y:DRAWR -2*x,0
70 NEXT a,b
80 LOCATE 14,12:PRINT CHR$(231)
90 LOCATE 19,3:PAPER 2:PRINT " ":LOCATE 1
9,4:PRINT " "
100 FOR a=0 TO 12 STEP 2:PLOT 330+a,60+a
,3:DRAWR 0,80-2*a:PLOTR -a*2,0:DRAWR 0,-
80+2*a
110 NEXT a
120 WINDOW 12,25,4,8:PAPER 2:PEN 1:CLS:P
RINT CHR$(135);STRING$(13,CHR$(131));:FO
R a=0 TO 2:PRINT CHR$(133);NEXT:PRINT CH
R$(141);STRING$(13,CHR$(140));
130 WINDOW 13,25,5,7:CLS:PRINT"DISC-HELP
":PRINT"5";CHR$(250);CHR$(34);" VDOS 2.0
":PRINT CHR$(164);" NOVAK R."
140 WINDOW 1,40,1,25
150 LOCATE 9,24:PRINT"BITTE EINE TASTE D
RUECKEN !"
160 CALL &BB06
170 REM *****
180 REM *
*
190 REM * Disc-Help *
200 REM * *
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210 REM *      (C)  04.1986      *
220 REM *      by Novak Reinhard  *
230 REM *      Koeroesistr. 170/1/6 *
240 REM *      A-8010 Graz      *
250 REM *****
260 MEMORY &9FFF
270 LOAD"dhel.p.cod",&A000
280 GOSUB 520
290 m1$=" DISK-MONITOR "
300 m2$=" VERWALTUNG "
310 m3$=" DRIVE CHANGE "
320 m4$=" CATALOG "
330 m5$=" ENDE "
340 INK 0,0:INK 1,26:PAPER 0:PEN 1
350 MODE 1:BORDER 26:mpo=1:CALL cle
360 LOCATE 13,3:PRINT STRING$(15,"*")
370 LOCATE 13,4:PRINT"* DISK - HELP *"
380 LOCATE 13,5:PRINT STRING$(15,"*")
390 LOCATE 4,19:PRINT"Wählen Sie den Me-
nuepunkt mit den"
400 LOCATE 4,20:PRINT"CURSOR-Tasten ( ";
CHR$(240);" oder ";CHR$(241)" ) ."
410 LOCATE 4,22:PRINT"Start mit der COPY
- Taste!"
420 LOCATE 14,8:IF mpo=1 THEN PRINT CHR$(
24);m1$;CHR$(24) ELSE PRINT m1$
430 LOCATE 14,10:IF mpo=2 THEN PRINT CHR
$(24);m2$;CHR$(24) ELSE PRINT m2$
440 LOCATE 14,12:IF mpo=3 THEN PRINT CHR
$(24);m3$;CHR$(24) ELSE PRINT m3$

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450 LOCATE 14,14:IF mpo=4 THEN PRINT CHR
$(24);m4$;CHR$(24) ELSE PRINT m4$
460 LOCATE 14,16:IF mpo=5 THEN PRINT CHR
$(24);m5$;CHR$(24) ELSE PRINT m5$
470 CALL TASTE
480 IF tas=&F1 THEN mpo=mpo+1:IF mpo>5 T
HEN mpo=1:GOTO 420 ELSE GOTO 420
490 IF tas=&F0 THEN mpo=mpo-1:IF mpo<1 T
HEN mpo=5:GOTO 420 ELSE GOTO 420
500 IF tas=&E0 THEN GOTO 510 ELSE GOTO 4
70
510 CALL &BB03:ON mpo GOTO 1070,2800,900
,1030,860
520 REM ***** Initialisierung *****
530 DEFINT a-z:DEFREAL l:buf=&6000:tr=1:
fel$="Falsche Eingabe !" +CHR$(7)
540 tas=32:taste=&A05B:POKE TASTE+4,@tas
MOD 256:POKE TASTE+5,@tas\256
550 los$=STRING$(35," "):Track=&A019:sek
tor=&A01B:Buffer=&A01D:cle=&A04A:befehl=
&A044
560 RETURN
570 REM ***** Eingabe von Track und Sekt
or
580 LOCATE 3,19:INPUT"Track ( 0 - 159 )
";tra$
590 IF tra$=CHR$(5) THEN GOTO 1130
600 IF tra$="" THEN LOCATE 22,19:PRINT t
r:GOTO 630
610 tr=VAL(tra$)

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620 IF tr > 159 THEN PRINT fel$:FOR z1=1
  TO 500:NEXT:LOCATE 3,19:PRINT los$:PRIN
T los$:GOTO 580
630 LOCATE 3,21:INPUT"Sektor ( 1 - 9 )
";sekt$
640 IF sekt$=CHR$(5) THEN GOTO 1130
650 IF sekt$="" THEN LOCATE 21,21:PRINT
sek:GOTO 690
660 sek=VAL(sekt$)
670 IF sek < 1 OR sek > 9 THEN PRINT fel$
:FOR z1=1 TO 500:NEXT:LOCATE 3,21:PRINT
los$:PRINT los$:GOTO 630
680 IF tr>79 THEN page=1 ELSE page=0
690 LOCATE 3,24:PRINT"Sind die Eingaben
richtig (j/n)":CALL taste
700 IF tas=&4A OR tas=&6A THEN RETURN
710 LOCATE 3,19:PRINT los$:LOCATE 3,21:P
RINT los$:LOCATE 3,24:PRINT los$:GOTO 57
0
720 REM Eingabe von Block
730 LOCATE 3,19:INPUT"Block ( in Hex )";
bl$
740 IF bl$=CHR$(5) THEN GOTO 1130
750 IF bl$="" THEN LOCATE 19,19:PRINT HE
X$(bl,2):GOTO 780
760 bl=VAL("&" + bl$)
770 IF bl>&B0 THEN PRINT fel$:FOR z1=1 T
O 500:NEXT:LOCATE 3,17:PRINT los$:PRINT
los$:GOTO 730
780 hv=bl*8+18:tr=hv\9:sek=hv MOD 9+1
790 LOCATE 3,24:PRINT"Ist die Eingabe ri
chtig (j/n)":CALL taste
800 IF tas=&4A OR tas=&6A THEN RETURN
810 LOCATE 3,19:PRINT los$:LOCATE 3,24:P
RINT los$:GOTO 720
820 REM **** Disc lesen / schreiben ****
****
830 POKE track,tri:POKE sektor,sek:POKE b
uffer,buf MOD 256:POKE buffer+1,buf\256:
POKE BEFEHL,BEF
840 CALL &A000
850 RETURN
860 REM **** Programm Ende ****
870 CLS:LOCATE 6,5:PRINT"HABEN SIE NICHT
S VERGESSEN ?"
880 LOCATE 14,8:PRINT"< N >...ENDE
890 CALL taste:IF tas=&4E OR tas=&6E THE
N MODE 2:BORDER 0:END ELSE GOTO 350
900 REM **** Drive change *****
910 BORDER 0:CLS
920 GOSUB 1000
930 LOCATE 12,1:PRINT"* DRIVE CHANGE *"
940 LOCATE 6,5:PRINT drive$;"ist das akt
uelle Laufwerk"
950 LOCATE 6,8:PRINT"Wollen Sie wechseln
(J/N) ?"
960 CALL taste:IF tas=&4A OR tas=&6A THE
N GOTO 980 ELSE GOTO 350
970 IF a$="J" OR a$="j" THEN GOTO 980 EL
SE GOTO 350
980 IF dr=0 THEN POKE &A017,1:GOTO 900
990 IF dr=1 THEN POKE &A017,0:GOTO 900
1000 dr=PEEK(&A017)
1010 IF dr=0 THEN drive$="A " ELSE driv
e$="B "
1020 RETURN
1030 REM **** Catalog *****
1040 BORDER 0:CLS:LOCATE 2,10:PRINT"Bitte
richtige Diskette einlegen !"
1050 LOCATE 11,12:PRINT CHR$(24);" Taste
druecken ! ";CHR$(24)
1060 CALL &BB06:MODE 2:CAT: PRINT:PRINT
STRING$(30," ");"TASTE DRUECKEN":CALL &B
B06:GOTO 340
1070 REM ***** Disc - Monitor
*****
1080 m11$=" Lesen ":m12$=" Schreiben "im
13$=" Loeschen ":m14$=" Editieren ":m15$
=" Drucken ":m16$=" Menue ":mpo=1
1090 tiz1$="ADR:  0  1  2  3  4  5  6  7
      8  9  A  B  C  D  E  F  0123456789ABC
DEF"
1100 tiz2$=STRING$(71,CHR$(154))
1110 tiz3$=" DRIVE:      PAGE:      TRACK:
      SEKTOR:      "
1120 zeich$=STRING$(16," ")
1130 bfl=0:MODE 2:BORDER 0:LOCATE 26,1:P
RINT"***** DISK - MONITOR *****"
1140 LOCATE 31,3:PRINT"SEKTOR :";:IF mpo
=1 THEN PRINT CHR$(24);m11$;CHR$(24) ELS
E PRINT m11$
1150 LOCATE 39,5:IF mpo=2 THEN PRINT CHR
$(24);m12$;CHR$(24) ELSE PRINT m12$
1160 LOCATE 39,7:IF mpo=3 THEN PRINT CHR
$(24);m13$;CHR$(24) ELSE PRINT m13$
1170 LOCATE 31,9:PRINT"BLOCK :";:IF mpo
=4 THEN PRINT CHR$(24);m11$;CHR$(24) ELS
E PRINT m11$
1180 LOCATE 39,11:IF mpo=5 THEN PRINT CH
R$(24);m12$;CHR$(24) ELSE PRINT m12$
1190 LOCATE 39,13:IF mpo=6 THEN PRINT CH
R$(24);m13$;CHR$(24) ELSE PRINT m13$
1200 LOCATE 35,15:IF mpo=7 THEN PRINT CH
R$(24);" HAUPTMENUE ";CHR$(24) ELSE PRIN
T " HAUPTMENUE "
1210 PRINT STRING$(80,"_")
1220 CALL TASTE
1230 IF tas=&F1 THEN mpo=mpo+1:IF mpo>7
THEN mpo=1:GOTO 1140 ELSE GOTO 1140
1240 IF tas=&F0 THEN mpo=mpo-1:IF mpo<1
THEN mpo=7:GOTO 1140 ELSE GOTO 1140
1250 IF tas=&E0 THEN GOTO 1260 ELSE GOTO
1220
1260 CALL &BB03:ON mpo GOTO 1270,2100,21
50,2210,2410,2460,350
1270 LOCATE 32,18:PRINT"* Sektor lesen *
"
1280 LOCATE 60,24:PRINT"<CTRL E>...Menue
"
1290 bef=&84:GOSUB 570:GOSUB 820
1300 REM **** Buffer anzeigen *****
1310 WINDOW#1,4,75,6,21
1320 CLS:GOSUB 1000:k=1:part=1:anf=bufie
n=&FF
1330 LOCATE 18,1:PRINT CHR$(150);STRING$
(42,CHR$(154));CHR$(156)
1340 LOCATE 18,2:PRINT CHR$(149);tiz3$;C
HR$(149)
1350 LOCATE 18,3:PRINT CHR$(147);STRING$
(42,CHR$(154));CHR$(153)
1360 LOCATE 4,4:PRINT tiz1$
1370 LOCATE 4,5:PRINT tiz2$
1380 LOCATE 27,2:PRINT drive$:LOCATE 35,
2:PRINT page:LOCATE 45,2:PRINT tr:LOCATE
58,2:PRINT sek

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1390 IF bfl THEN LOCATE 3,2:PRINT CHR$(24);" Block: ";HEX$(b1,2);" ";CHR$(24)
1400 FOR z1=anf TO anf+en STEP &10
1410 MID$(zeich$,1)=STRING$(16,".")
1420 PRINT#k,HEX$(z1-buf,4);" ";
1430 FOR z2=0 TO &F
1440 byte=PEEK(z1+z2):PRINT#k,HEX$(byte,2);" ";IF byte>31 AND byte<127 THEN MID$(zeich$,z2+1)=CHR$(byte)
1450 NEXT z2
1460 PRINT#k," ";zeich$
1470 NEXT z1
1480 IF f11 THEN RETURN
1490 mpo=1
1500 LOCATE 5,23:IF mpo=1 THEN PRINT CHR$(24);m14$;CHR$(24) ELSE PRINT m14$
1510 LOCATE 18,23:IF mpo=2 THEN PRINT CHR$(24);m15$;CHR$(24) ELSE PRINT m15$
1520 LOCATE 29,23:IF mpo=3 THEN PRINT CHR$(24);m16$;CHR$(24) ELSE PRINT m16$
1530 LOCATE 40,23:PRINT"( ";CHR$(242);" ";CHR$(243);" )...wählen <COPY>...Start"
1540 LOCATE 30,25:PRINT"( ";CHR$(240);"/ ";CHR$(241);" )...blaettern"
1550 CALL TASTE
1560 IF tas=&F3 THEN mpo=mpo+1:IF mpo>3 THEN mpo=1:GOTO 1500 ELSE GOTO 1500
1570 IF tas=&F2 THEN mpo=mpo-1:IF mpo<1 THEN mpo=3:GOTO 1500 ELSE GOTO 1500
1580 IF tas=&E0 THEN GOTO 1610
1590 IF tas=&F1 THEN GOTO 1620
1600 IF tas=&F0 THEN GOTO 1670 ELSE GOTO 1550
1610 CALL &BB03:ON mpo GOTO 1720,2030,1130
1620 REM **** vorwaerts blaettern ****
1630 IF bfl THEN GOTO 2330
1640 IF part=1 THEN part=2:anf=buf+&100:CLS#1:GOTO 1380
1650 part=1:anf=buf:sek=sek+1:IF sek>9 THEN sek=1:tr=tr+1:IF tr>159 THEN tr=1
1660 CLS#1:GOSUB 820:GOTO 1380
1670 REM **** zurueck blaettern ****
1680 IF bfl THEN GOTO 2370
1690 IF part=2 THEN part=1:anf=buf:CLS#1:GOTO 1380
1700 sek=sek-1:IF sek<1 THEN sek=9:tr=tr-1:IF tr<0 THEN tr=1
1710 CLS#1:GOSUB 820:GOTO 1380
1720 REM **** Editieren
1730 PEN#1,0:PAPER#1,1:CLS#1:WINDOW#2,12,33,9,20
1740 LOCATE#1,29,2:PRINT#1,"* EDITIEREN *"
1750 LOCATE#1,39,5:INPUT#1,"Ab welcher Adresse ";hv$
1760 adr1=VAL("&"+hv$):adr2=adr1+buf:anf=adr2
1770 LOCATE#1,39,5:PRINT#1,"<CTRL T>...Tasteingabe (ein/aus)"
1780 LOCATE#1,39,7:PRINT#1,CHR$(1);CHR$(13);" ...keine Aenderung,weiter"
1790 LOCATE#1,39,9:PRINT#1,"<CTRL E>...Ende"
1800 LOCATE#1,9,2:PRINT#1,"Hex-Eingabe ";
1810 PEN#2,0:PAPER#2,1:CLS#2:f12=0
1820 PRINT#2,HEX$(adr1,4);" ";
1830 hv=PEEK(adr2):IF hv<32 OR hv>127 THEN PRINT#2,". "; ELSE PRINT#2,CHR$(hv);" ";
1840 PRINT#2,HEX$(hv,2);" ";
1850 LINE INPUT#2,"";hv$
1860 IF hv$="" THEN GOTO 1960
1870 IF hv$=CHR$(20) THEN GOTO 1970
1880 IF hv$=CHR$(5) THEN f11=0:GOTO 1990
1890 IF f12 THEN inh=ASC(hv$):GOTO 1950
1900 IF LEN(hv$) <> 2 THEN GOTO 2000
1910 hv1=ASC(MID$(hv$,1,1)):hv2=ASC(MID$(hv$,2,1))
1920 IF hv1<48 OR hv1>70 AND hv1<96 OR hv1>57 AND hv1<65 OR hv1>102 THEN GOTO 2000
1930 IF hv2<48 OR hv2>70 AND hv2<96 OR hv2>57 AND hv2<65 OR hv2>102 THEN GOTO 2000
1940 inh=VAL("&"+hv$)
1950 POKE adr2,inh
1960 adr1=adr1+1:adr2=adr2+1:GOTO 1820
1970 IF f12=1 THEN f12=0:LOCATE#1,9,2:PRINT#1,"Hex-Eingabe ";:GOTO 1820
1980 IF f12=0 THEN f12=1:LOCATE#1,9,2:PRINT#1,"Text-Eingabe ";:GOTO 1820
1990 PEN#1,1:PEN#2,1:PAPER#2,0:PAPER#1,0:CLS:CLS#1:CLS#2:GOTO 1330
2000 LOCATE#1,39,14:PRINT#1,fel$;CHR$(7):FOR z1=1 TO 1000:NEXT
2010 LOCATE#1,39,14:PRINT#1,los$
2020 GOTO 1820
2030 REM *** drucken ***
2040 WIDTH 255
2050 PRINT#8,CHR$(27);"B";CHR$(2);CHR$(27);"R";CHR$(4);CHR$(27);"N";CHR$(4);CHR$(27);"M";CHR$(8);CHR$(27);"7";CHR$(0);
2060 IF bfl THEN GOTO 2520
2070 f11=1:anf=buf:en=&1FF:k=0:PRINT#8,tiz1$:PRINT#8,tiz2$
2080 GOSUB 1400
2090 IF f11 THEN en=&FF:f11=0:k=1:CLS:CLS#1:GOTO 1330
2100 REM *** Sektor schreiben ***
2110 LOCATE 32,18:PRINT"* Sektor schreiben *"
2120 LOCATE 60,24:PRINT"<CTRL E>...Menue"
2130 bef=&85:GOSUB 570:GOSUB 820
2140 bef=&84:GOTO 1130
2150 REM *** Sektor loeschen ***
2160 LOCATE 32,18:PRINT"* Sektor loeschen *"
2170 LOCATE 60,24:PRINT"<CTRL E>...Menue"
2180 bef=&85:GOSUB 570
2190 LOCATE 3,24:PRINT" Sektor wirklich loeschen ":CALL taste
2200 IF tas=&4A OR tas=&6A THEN CALL close:GOSUB 820:bef=&84:GOTO 1130 ELSE bef=&84:GOTO 1130
2210 REM *** Block lesen ***
2220 bef=&84:bfl=1:LOCATE 32,18:PRINT"* Block lesen *"

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2230 LOCATE 60,24:PRINT"<CTRL E>...Menue
":GOSUB 720:sek1=sek:tr1=tr
2240 FOR z1=1 TO 8
2250 GOSUB 820:sek=sek+1:buf=buf+&200
2260 IF sek>9 THEN sek=1:tr=tr+1
2270 IF tr>159 THEN GOTO 290
2280 NEXT
2290 sek=sek1:tr=tr1
2300 IF f11 THEN RETURN
2310 REM *** Block ansehen ***
2320 buf=&6000:GOTO 1300
2330 REM *** Block vorw.blaettern ****
2340 part=part+1
2350 IF part>16 THEN anf=buf:part=1:CLS#1:GOTO 1400
2360 anf=anf+&100:CLS#1:GOTO 1400
2370 REM **** Block zur.blaettern ***
2380 part=part-1
2390 IF part<1 THEN part=1:anf=buf:CLS#1:GOTO 1400
2400 anf=anf-&100:CLS#1:GOTO 1400
2410 REM *** Block schreiben ***
2420 LOCATE 32,18:PRINT"* Block schreibe
n *"
2430 LOCATE 60,24:PRINT"<CTRL E>...Menue
"
2440 bef=&85:bfl=1:f11=1:buf=&6000:GOSUB
720
2450 GOSUB 2240:f11=0:bef=&84:bfl=0:mpo=
1:buf=&6000:GOTO 1130
2460 REM *** Block loeschen ***
2470 bef=&85:buf=&6000:bfl=1:f11=1
2480 LOCATE 32,18:PRINT"* Block loeschen
*"
2490 LOCATE 60,24:PRINT"<CTRL E>...Menue
":GOSUB 720
2500 LOCATE 3,24:PRINT"Block wirklich lo
eschen ":CALL taste
2510 IF tas=&4A OR tas=&6A THEN CALL cle
:GOSUB 2240:bef=&84:f11=0:buf=&6000:GOTO
1130 ELSE bef=bef=&84:f11=0:buf=&6000:G
OTO 1130
2520 REM **** Block drucken ****
2530 LOCATE 1,23:PRINT STRING$(79," "):L
OCATE 1,25:PRINT STRING$(79," ")
2540 LOCATE 5,23:INPUT"Anfang ";anf
2550 an=VAL("&"+anf)
2560 LOCATE 5,24:INPUT"Ende";hv$
2570 hv=VAL("&"+hv$):en=hv-an
2580 f11=1:k=8:anf=an+buf:PRINT#8,"
Block: ";HEX$(b1,2):PRINT#8
2590 PRINT#8,tiz1$:PRINT#8,tiz2$:GOTO 20
80
2600 REM **** Fileleser ****
2610 DIM file$(128),fbl(128),us(128)
2620 CLS:LOCATE 10,10:PRINT"BITTE ETWAS
GEDULD !"
2630 m=1:bef=&84:bfl=1:f11=1:tr=2:sek=1:
GOSUB 2240
2640 x=PEEK(&BB5A):POKE &BB5A,&C9:CAT:PO
KE &BB5A,x
2650 FOR anf=&6000 TO &6FE0 STEP &20
2660 us=PEEK(anf)
2670 IF us=&E5 THEN GOTO 2780
2680 FILE$(M)=" "
2690 FOR z1=1 TO 8
2700 file$(m)=file$(m)+CHR$(PEEK(anf+z1)
)

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2710 NEXT z1
2720 file$(m)=file$(m)+". "
2730 FOR z1=9 TO 11
2740 file$(m)=file$(m)+CHR$(PEEK(anf+z1)
)
2750 NEXT z1
2760 fbl(m)=PEEK(anf+&10):us(m)=PEEK(anf
)
2770 m=m+1
2780 NEXT anf
2790 fianz=m-1:f11=0:buf=&6000:RETURN
2800 REM **** Disketten Verwaltung ****
2810 CLEAR
2820 GOSUB 520:GOSUB 2600
2830 MODE 2:BORDER 0:WINDOW#1,1,80,5,19:
WINDOW#2,1,80,20,25:PAPER#1,0:PEN#1,1:PA
PER#2,1:PEN#2,0
2840 mbl=177:bel=0:bad=&AB90
2850 m21$=" Loeschen ":m22$=" Attribute
setzen ":m23$=" Umbenennen "
2860 m24$=" Fileheader ":m25$=" Drucken
":m26$=" Hauptmenue "
2870 FOR z1=0 TO 22
2880 wert=PEEK(bad+z1):menge=(wert=255)*
-8
2890 IF (menge) OR (wert=0) THEN GOTO 29
30
2900 FOR z2=0 TO 7
2910 IF (wert AND (2^z2)) THEN menge=men
ge+1
2920 NEXT z2
2930 bel=bel+menge
2940 NEXT z1
2950 kap=(mbl-bel)*4:page=1:mpo=1
2960 LOCATE 13,1:PRINT CHR$(150);STRING$
(56,154);CHR$(156)
2970 LOCATE 13,2:PRINT CHR$(149);" DISK
ETTENVERWALTUNG Page "
2980 LOCATE 13,3:PRINT CHR$(147);STRING$
(56,154);CHR$(153)
2990 LOCATE 52,2:PRINT USING"###";kap:P
RINT" KBytes frei ";CHR$(149)
3000 GOTO 3620
3010 LOCATE 46,2:PRINT page:CLS#1
3020 FOR z1=anf TO ende
3030 PRINT#1," <";PRINT#1,USING"##";z1
;PRINT#1,"> ";file$(z1),
3040 NEXT
3050 CLS#2
3060 LOCATE#2,5,2:IF mpo=1 THEN PRINT#2,
CHR$(24);m21$;CHR$(24) ELSE PRINT#2,m21$
3070 LOCATE#2,30,2:IF mpo=2 THEN PRINT#2
,CHR$(24);m22$;CHR$(24) ELSE PRINT#2,m22
$
3080 LOCATE#2,5,3:IF mpo=3 THEN PRINT#2,
CHR$(24);m23$;CHR$(24) ELSE PRINT#2,m23$
3090 LOCATE#2,30,3:IF mpo=4 THEN PRINT#2
,CHR$(24);m24$;CHR$(24) ELSE PRINT#2,m24
$
3100 LOCATE#2,5,4:IF mpo=5 THEN PRINT#2,
CHR$(24);m25$;CHR$(24) ELSE PRINT#2,m25$
3110 LOCATE#2,30,4:IF mpo=6 THEN PRINT#2
,CHR$(24);m26$;CHR$(24) ELSE PRINT#2,m26
$
3120 LOCATE#2,57,2:PRINT#2,CHR$(240);"
";CHR$(241);"...Blaettern"

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3130 LOCATE#2,57,3:PRINT#2,CHR$(242);"
      ",CHR$(243);"...Washlen"
3140 LOCATE#2,57,4:PRINT#2,"<COPY>...Sta
rt"
3150 CALL taste
3160 IF tas=&F0 THEN GOTO 3680
3170 IF tas=&F1 THEN GOTO 3670
3180 IF tas=&F3 THEN mpo=mpo+1:IF mpo>6
THEN mpo=1:GOTO 3060 ELSE GOTO 3060
3190 IF tas=&F2 THEN mpo=mpo-1:IF mpo<1
THEN mpo=6:GOTO 3060 ELSE GOTO 3060
3200 IF tas=&E0 THEN GOTO 3210 ELSE GOTO
3150
3210 ON mpo GOTO 3240,3390,3690,3970,451
0,290
3220 CLS#2:LOCATE#2, 32,3:PRINT#2,fel#:F
OR z1=1 TO 1500:NEXT
3230 RETURN
3240 REM *** File loeschen ****
3250 CLS#2:LOCATE#2,31,2:PRINT#2," * Dat
ei loeschen *
3260 LOCATE#2,60,4:PRINT#2,"<CTRL E>...E
nde"
3270 LOCATE#2,5,3:INPUT#2,"Welche Datei
";dn$
3280 IF dn$=CHR$(5) THEN GOTO 3050
3290 dn=VAL(dn$):IF dn<1 OR dn>fianz THE
N GOSUB 3220:GOTO 3250
3300 IF ASC(MID$(file$(dn),10,1))>90 THE
N LOCATE#2,5,3:PRINT#2,"Die Datei kann n
icht geloescht werden.";CHR$(7);:FOR z1=
1 TO 1500:NEXT:GOTO 3240
3310 IERA,file$(dn):file$(dn)=STRING$(12
," "):GOSUB 3320:GOTO 3370
3320 fipo=dn
3330 IF page=1 THEN fipol=fipo
3340 IF page=2 THEN fipol=fipo-45
3350 IF page=3 THEN fipol=fipo-90
3360 fize=1+FIX((fipol-1)/3):fisp=9+((fi
pol+2) MOD 3)*26:RETURN
3370 LOCATE#1,fisp,fize:PRINT#1,CHR$(24)
,file$(dn);CHR$(24)
3380 GOTO 3250
3390 REM **** Attribute setzen ****
3400 CLS#2:LOCATE#2,30,2:PRINT#2,"* Attr
ibute setzen *"
3410 LOCATE#2,60,4:PRINT#2,"<CTRL E>...E
nde"
3420 LOCATE#2,5,4:INPUT#2,"Welche Datei
";dn$
3430 IF dn$=CHR$(5) THEN GOTO 3050
3440 dn=VAL(dn$):IF dn<1 OR dn>fianz THE
N GOSUB 3220:GOTO 3390
3450 LOCATE#2,5,4:INPUT#2,"Welches Attri
but ";at$
3460 LOCATE#2,5,4:PRINT#2,file$(dn);
3470 at$=UPPER$(at$):IF at$="S" THEN PRI
NT#2," wird SYS-Datei (j/n) ?":GOTO 3520
3480 IF at$="D" THEN PRINT#2," wird DIR-
Datei (j/n) ?":GOTO 3520
3490 IF at$="R" THEN PRINT#2," wird nur
lesbar (j/n) ?":GOTO 3520
3500 IF at$="W" THEN PRINT#2," wird les-
und schreibbar (j/n) ?":GOTO 3520
3510 GOSUB 3220:GOTO 3400
3520 CALL taste:IF tas=&4A OR tas=&6A TH
EN GOTO 3540
3530 IF tas=&4E OR tas=&6E THEN GOTO 340
0 ELSE GOTO 3520

```

```

3540 !ATTRIBUT,file$(dn),at$
3550 GOSUB 3320
3560 IF at$="S" THEN MID$(file$(dn),11,1
)=CHR$(ASC(MID$(file$(dn),11,1))+128):GO
TO 3610
3570 IF at$="D" THEN MID$(file$(dn),11,1
)=CHR$(ASC(MID$(file$(dn),11,1))-128):GO
TO 3610
3580 IF at$="R" THEN MID$(file$(dn),10,1
)=CHR$(ASC(MID$(file$(dn),10,1))+128):GO
TO 3610
3590 IF at$="W" THEN MID$(file$(dn),10,1
)=CHR$(ASC(MID$(file$(dn),10,1))-128):GO
TO 3610
3600 GOTO 3390
3610 LOCATE#1,fisp,fize:PRINT#1,file$(dn
):GOTO 3390
3620 IF page =1 THEN GOTO 3630 ELSE GOTO
3640
3630 anf=1:IF fianz<45 THEN ende=fianz:G
OTO 3010 ELSE ende=45:GOTO 3010
3640 IF page=2 THEN GOTO 3650 ELSE GOTO
3660
3650 anf=46:IF fianz<91 THEN ende=fianz:
GOTO 3010 ELSE ende=91:GOTO 3010
3660 IF page=3 THEN anf=92:ende=fianz:GO
TO 3010
3670 IF page<3 THEN page=page+1:GOTO 362
0 ELSE PRINT CHR$(7):GOTO 3150
3680 IF page>1 THEN page=page-1:GOTO 362
0 ELSE PRINT CHR$(7):GOTO 3150
3690 CLS#2:LOCATE#2,20,2:PRINT#2,"* Date
inamen aendern *"
3700 LOCATE#2,60,4:PRINT#2,"<CTRL E>...En
de"
3710 LOCATE#2,5,3:INPUT#2,"Welche Datei
";dn$
3720 IF dn$=CHR$(5) THEN GOTO 3050
3730 dn=VAL(dn$):IF dn<1 OR dn>fianz THE
N GOSUB 3220:GOTO 3690
3740 LOCATE#2,5,3:PRINT#2,"Alter Name: "
,file$(dn);"
3750 INPUT#2,"Neuer Name ";nam$
3760 NAM$=UPPER$(NAM$)
3770 LOCATE#2,10,4:PRINT#2,"Soll der Nam
e geaendert werden (j/n) ?"
3780 CALL taste
3790 IF tas=&4A OR tas=&6A THEN GOTO 381
0
3800 IF tas=&4E OR tas=&6E THEN GOTO 369
0 ELSE GOTO 3780
3810 !DERROR,0
3820 !REN,nam$,file$(dn)
3830 !DERROR:IF derr=24 THEN CLS#2:PRINT
#2,CHR$(7):LOCATE#2,20,3:PRINT#2,nam$;"
existiert bereits."!FOR z1=1 TO 1500:NEX
T:CLS#2:GOTO 3740
3840 point=INSTR(nam$,"."):blan=12-LEN(n
am$):nam$=nam$+STRING$(blan," ")
3850 IF point=0 THEN GOTO 3910
3860 FOR z1=0 TO 3
3870 MID$(nam$,12-z1,1)=MID$(nam$,point+
3-z1,1)
3880 NEXT z1
3890 MID$(nam$,point,ABS(9-point))=SPACE
$(ABS(9-point))
3900 GOTO 3920
3910 MID$(nam$,9,1)="."
3920 file$(dn)=nam$

```



```

3930 GOSUB 3320
3940 LOCATE#1,fi$;size;PRINT#1,file$(dn
)
3950 GOTO 3690
3960 REM **** Fileheader ****
3970 CLS#2;LOCATE#2,35,2;PRINT#2,"* File
header *"
3980 LOCATE#2,60,4;PRINT#2,"<CTRL E>...E
nde"
3990 LOCATE#2,3,3;INPUT#2,"Welches File
";dn$
4000 IF dn$=CHR$(5) THEN GOTO 3050
4010 dn$=VAL(dn$);IF dn<1 OR dn>fianz THE
N GOSUB 3220;GOTO 3970
4020 bl=fbl(dn);DEFREAL x
4030 hv=bl*8+10;tr=hv\9;sek=hv MOD 9+1
4040 CALL cle;buf=&6000;bef=&84;GOSUB 83
0
4050 check1=PEEK(&6044)*256+PEEK(&6043);
check2=0
4060 FOR z1=&6000 TO &6042
4070 check2=check2+PEEK(z1)
4080 NEXT z1
4090 IF check1=check2 THEN GOTO 4180
4100 GOSUB 4250;CLS#2;LOCATE#2,10,2;PRIN
T#2,fi$;" ist ein Sourcefile oder eine T
ext- oder CP/M-Datei."
4110 LOCATE#2,10,3;PRINT#2,"USER :";us(d
n);LOCATE#2,35,3;PRINT#2,"ATTRIBUT : ";A
Tr$
4120 LOCATE#2,10,4;PRINT#2,"Weitere Date
n koennen nicht ermittelt werden."
4130 LOCATE#2,30,5;PRINT#2,"Neuer File
(j/n) ?"
4140 CALL taste
4150 IF tas=&4A OR tas=&6A THEN GOTO 397
0
4160 IF tas=&4E OR tas=&6E THEN GOTO 305
0 ELSE GOTO 4140
4170
4180 REM **** File auslesen ****
4190 lan=PEEK(&6019)*256+PEEK(&6018);lad
r1$=HEX$(PEEK(&6016),2);ladr2$=HEX$(PEEK
(&6015),2);ty=PEEK(&6012);exe1$=HEX$(PEE
K(&601C),2);exe2$=HEX$(PEEK(&601B),2)
4200 IF ty=0 THEN typ$="BASIC
"
4210 IF ty=1 THEN typ$="BASIC geschuetzt
"
4220 IF ty=2 THEN typ$="BINAER
"
4230 IF ty=0 THEN GOTO 4100
4240 GOSUB 4250;GOTO 4320
4250 fi$=file$(dn);IF (ASC(MID$(fi$,10,1
))>&5A) AND (ASC(MID$(fi$,11,1))>&5A) TH
EN GOTO 4290
4260 IF ASC(MID$(fi$,10,1))>&5A THEN GOT
O 4300
4270 IF ASC(MID$(fi$,11,1))>&5A THEN GOT
O 4310
4280 atr$="---";RETURN
4290 atr$="(R/D)/SYS";MID$(fi$,10,1)=CHR
$(ASC(MID$(fi$,10,1))-128);MID$(fi$,11,1
)=CHR$(ASC(MID$(fi$,11,1))-128);RETURN
4300 atr$="(R/O)";MID$(fi$,10,1)=CHR
$(ASC(MID$(fi$,10,1))-128);RETURN
4310 atr$="SYS";MID$(fi$,11,1)=CHR
$(ASC(MID$(fi$,11,1))-128);RETURN
4320 CLS#2;k=2;WIDTH 255;GOSUB 4400
4330 LOCATE#2,62,3;PRINT#2,"<d>...Drucke
n"
4340 LOCATE#2,62,4;PRINT#2,"<n>...Neuer
File"
4350 LOCATE#2,62,5;PRINT#2,"<m>...Menue
"
4360 CALL taste
4370 IF tas=&44 OR tas=&64 THEN k=0;GOSUB
B 4400;k=2;GOTO 4320
4380 IF tas=&4E OR tas=&6E THEN GOTO 397
0
4390 IF tas=&4D OR tas=&6D THEN GOTO 305
0 ELSE GOTO 4360
4400 PRINT#k;PRINT#k," NAME : ";fi$
4410 PRINT#k," TYP : ";TYP$;" US
ER : ";us(dn)
4420 PRINT#k," LAENGE : ";lan;PRINT#k,"
Bytes";
4430 IF lan<10 THEN PRINT#k,STRING$(13,"
");GOTO 4480
4440 IF lan<100 THEN PRINT#k,STRING$(12,
" ");GOTO 4480
4450 IF lan<1000 THEN PRINT#k,STRING$(11
," ");GOTO 4480
4460 IF lan<10000 THEN PRINT#k,STRING$(1
0," ");GOTO 4480
4470 PRINT#k,STRING$(9," ");
4480 PRINT#k,"ATTRIBUT : ";ATR$
4490 PRINT#k," LADEADR.: ";ladr1$;ladr2$
;"
STARTADR.: ";exe1$;ex
e2$
4500 RETURN
4510 REM **** Drucken ****
4520 CLS#2;LOCATE#2,27,2;PRINT#2,"* Dire
ctory drucken *"
4530 LOCATE#2,60,4;PRINT#2,"<CTRL E>...E
nde"
4540 LOCATE#2,5,3;INPUT#2,"Diskettenname
";dnam$
4550 IF dnam$=CHR$(5) THEN GOTO 3050
4560 dnam$=UPPER$(dnam$)
4570 LOCATE#2,5,4;PRINT#2,"richtig (j/n)
?"
4580 CALL taste
4590 IF tas=&4A OR tas=&6A THEN GOTO 461
0
4600 IF tas=&4E OR tas=&6E THEN GOTO 451
0 ELSE 4580
4610 hv=LEN(dnam$);blank=INT((20-hv)/2)
4620 PRINT#8,CHR$(27);"@";CHR$(0);CHR$(0
);
4630 PRINT#8;PRINT#8
4640 WIDTH 42
4650 PRINT#8,CHR$(27);CHR$(120);CHR$(49)
;CHR$(14);
4660 PRINT#8,STRING$(blank," ");dnam$;CH
R$(10);
4670 PRINT#8;PRINT#8;PRINT#8
4680 PRINT#8,CHR$(20);
4690 FOR z1=1 TO fianz
4700 PRINT#8,file$(z1);" ";
4710 NEXT
4720 PRINT#8,CHR$(10);
4730 PRINT#8;PRINT#8;PRINT#8,"
";kap;" Kbytes frei";CHR$(10);
4740 PRINT#8;PRINT#8,CHR$(27);"@";CHR$(0
);CHR$(0);
4750 PRINT CHR$(7);GOTO 3050

```