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10 REM liest Diskettenblock von SCOPY
20 REM Stand 18.02.1994 DISKLOOP.BAS
30 REM HEBAS-BASIC Vers. HEBASG6 (C) Dr. Hehl
40 CLR
50 CLEAR 2000
60 AD = 0
70 PRINT "Stand 18.02.1994 (C) Dr. Hehl": PRINT
80 INPUT "Dateiname eingeben: <CR> fuer SCOPY";XS
90 IF XS = "" THEN XS = "SELECT.DAT"
100 PRINT#DV
110 INPUT "Nummer des Formats:";NF
120 : IF NF = 0 THEN 110
130 OF = (NF- 1) * 128
140 PRINT#DV
150 : IF DR$ = "j" THEN 180
160 INPUT "Druckerausgabe j,n";DR$
170 : IF DR$ = "j" THEN DV = 2 ELSE DV = 0
180 : IF DV = 0 THEN 250
190 :
200 REM Drucker fett u. deutsch
210 PRINT#2, CHR$(27)+CHR$(69);
220 PRINT#2,CHR$(27)+CHR$(82)+CHR$(2)
230 : OPTION#2,"N",7,32
240 :
250 REM Datei einlesen
260 DIM B(128)
270 OPEN#10,"I",XS
280 SETLOC#10@OF
290 IF BYTE(10) = 26 THEN 2190
300 SETLOC#10@OF
310 FOR I = 1 TO 128
320 B(I) = BYTE(10)
330 NEXT I
340 CLOSE#10
350 :
360 REM Datei analysieren
370 PRINT#DV, "."
380 PRINT#DV, "      Format-Nummer: ";NF
390 PRINT#DV, " 0 - F :";
400 PRINT#DV, "Format-Kurzname: ";
410 FOR I = 1 TO 16
420 BS = BS + CHR$(B(I))
430 NEXT I
440 PRINT#DV,BS: BS = ""
450 :
460 REM Langname
470 PRINT#DV, "10 - 2F :";
480 PRINT#DV, "Format-Langname: ";
490 :
520 FOR I = 17 TO 47
530 BS = BS + CHR$(B(I))
540 NEXT
550 PRINT#DV,BS: BS = ""
552 :
555 PRINT#DV, HEX$(OF+256) ; " :Adresse SELECT.DAT"
557 :
560 PRINT#DV
570 PRINT#DV, "  0 1 2 3 4 5 6 7 8 9 A B C D E F"
580 PRINT#DV, " -----"
590 PRINT#DV, " ";AD;";";
600 FOR I = 1 TO 128
610 PRINT#DV, ;RIGHT$(HEX$(B(I)),2); " ";
620 IF I = 128 GOTO 640

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630 IF I/16 = INT(I/16) THEN PRINT#DV:AD = AD + 10:PRINT#DV,AD;";";
640 NEXT
650 AD = 0
660 PRINT#DV:
670 PRINT#DV:PRINT#DV,"Formatanzeige/SCOPY:....."
680 PRINT#DV
690 PRINT#DV, "CHKDSK: ..... 40:8Fh: ";
700 :
710 DEFSEG &40: FOR I = 0 TO 5
720 PRINT#DV,RIGHT$(HEX$(PEEK(I+&8F)),2);" ";
730 NEXT: DEFSEG
740 PRINT#DV: PRINT#DV
750 :
760 PRINT#DV, "DTP: ";
770 DEFSEG 0: FOR I = 0 TO 11
780 PRINT#DV,RIGHT$(HEX$(PEEK(I+&0522)),2);" ";
790 NEXT: DEFSEG
800 PRINT#DV: PRINT#DV
810 :
820 PRINT#DV, "----- Boot-Sektor-Kennung 30 - 42h -----"
830 PRINT#DV, "30 - 31 :";
840 PRINT#DV, RIGHT$(HEX$(B(49)),2);RIGHT$(HEX$(B(50)),2);
850 PRINT#DV, ": Bytes pro Sektor: ..... ";
860 : BS = B(50)*256+B(49)
870 PRINT#DV,BS
880 :
890 PRINT#DV, "32h  :";
900 PRINT#DV, RIGHT$(HEX$(B(51)),2);
910 PRINT#DV, ": Sektoren pro Cluster: ..... ";
920 PRINT#DV, B(51)
930 PRINT#DV, " :-> Bytes pro Cluster: .....";
940 PRINT#DV, (B(50)*256 + B(49)) * B(51)
950 IF DV = 0 THEN PRINT#DV: INPUT"weiter j,n";XS
960 IF XS = "n" THEN RUN
970 :
980 PRINT#DV, "33 - 34 :";
990 PRINT#DV, RIGHT$(HEX$(B(52)),2);RIGHT$(HEX$(B(53)),2);
1000 PRINT#DV, ": reservierte Sektoren /Bootsektor: ";
1010 PRINT#DV, B(53)*256+B(52)
1020 :
1030 PRINT#DV, "35  :";
1040 PRINT#DV, RIGHT$(HEX$(B(54)),2);
1050 PRINT#DV, ": Anzahl FATS: .....";
1060 PRINT#DV, B(54)
1070 :
1080 PRINT#DV, "36 - 37 :";
1090 PRINT#DV, RIGHT$(HEX$(B(55)),2);RIGHT$(HEX$(B(56)),2);
1100 PRINT#DV, ": ROOT-Directory-Eintraege: .";
1110 : RD = B(56)*256 + B(55)
1120 PRINT#DV, RD;" =";(RD * 32)/BS ;"Sektoren"
1130 :
1140 PRINT#DV, "38 - 39 :";
1150 PRINT#DV, RIGHT$(HEX$(B(57)),2);RIGHT$(HEX$(B(58)),2);
1160 PRINT#DV, ": Sektoren-Gesamtzahl: ..... ";
1170 PRINT#DV, B(58)*256 + B(57)
1180 :
1190 PRINT#DV, "3A  :";
1200 PRINT#DV, RIGHT$(HEX$(B(59)),2);
1210 PRINT#DV, ": ID-Byte / + 1 = Formatnummer: .. ";
1220 PRINT#DV, B(59) + 1
1230 :
1240 PRINT#DV, "3B - 3C :";
1250 PRINT#DV, RIGHT$(HEX$(B(60)),2);RIGHT$(HEX$(B(61)),2);

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1260 PRINT#DV, ": Sektoren pro FAT:.....";
1270 PRINT#DV, B(61)*256 + B(60)
1280 :
1290 PRINT#DV, "3D - 3E :";
1300 PRINT#DV, RIGHTS(HEX$(B(62)),2);RIGHT$(HEX$(B(63)),2);
1310 PRINT#DV, ": Sektoren pro Spur u. Seite. . . . ";
1320 :   SP = B(63)*256 + B(62)
1330 PRINT#DV, SP
1340 :
1350 PRINT#DV, "3F - 40 :";
1360 PRINT#DV, RIGHTS(HEX$(B(64)),2);RIGHT$(HEX$(B(65)),2);
1370 PRINT#DV, ": Anzahl Koepfe bzw. Seiten . . . . ";
1380 PRINT#DV, B(64)
1390 :
1400 PRINT#DV, "41 - 42 :";
1410 PRINT#DV, RIGHTS(HEX$(B(66)),2);RIGHT$(HEX$(B(67)),2);
1420 PRINT#DV, ": Festplatte: versteckte Sektoren"
1430 :
1435 print#dv
1437 print#dv, "-----"
1438 print#dv
1440 PRINT#DV, "43   :";
1450 PRINT#DV, RIGHTS(HEX$(B(68)),2);
1460 PRINT#DV, ": Anzahl Spuren: . . . . .";
1470 PRINT#DV, B(68)
1480 :
1490 PRINT#DV, "44 - 45 :";
1500 PRINT#DV, RIGHTS(HEX$(B(69)),2);RIGHT$(HEX$(B(70)),2);
1510 PRINT#DV
1520 :
1530 PRINT#DV, "46   :";
1540 PRINT#DV, RIGHTS(HEX$(B(71)),2);
1550 PRINT#DV, ": Anzeige (Blockgroesse) . . . . .";
1560 PRINT#DV, 2^B(71) * 128
1570 :
1580 PRINT#DV, "47   :";
1590 PRINT#DV, RIGHTS(HEX$(B(72)),2);
1600 PRINT#DV, ": Spurdichte: . . . . .";
1610 IF B(72) = 2 THEN PRINT#DV, "48 TPI"
1620 IF B(72) = 1 THEN PRINT#DV, "96 TPI"
1630 :
1640 PRINT#DV, "48 - 49 :";
1650 PRINT#DV, RIGHTS(HEX$(B(73)),2);RIGHT$(HEX$(B(74)),2);
1660 PRINT#DV, ": DOS: Daten nach FAT ab Sektor: . .";
1670 PRINT#DV, B(73)
1680 :
1690 PRINT#DV, "4A - 4B :";
1700 PRINT#DV, RIGHTS(HEX$(B(75)),2);RIGHT$(HEX$(B(76)),2);
1710 PRINT#DV, ": CP/M: Daten ab Sektor   :";
1720 PRINT#DV, B(75); " = Spur:"; B(75)\SP; "/ Sektor:"; B(75) MOD SP
1730 :
1740 PRINT#DV, "4C - 4D :";
1750 PRINT#DV, RIGHTS(HEX$(B(77)),2);RIGHT$(HEX$(B(78)),2);
1760 PRINT#DV, ": CP/M: Directory ab Sektor:";
1770 PRINT#DV, B(77); " = Spur:"; B(77)\SP; "/ Sektor:"; B(77) MOD SP
1780 :
1790 PRINT#DV, "4E   :";
1800 PRINT#DV, RIGHTS(HEX$(B(79)),2);
1810 PRINT#DV, ": CP/M: Offset Directory + o. a. Wert:";
1820 PRINT#DV, B(79)
1830 :
1840 PRINT#DV, "50   :"; RIGHTS(HEX$(B(81)),2);
1850 PRINT#DV, "....."

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1860 :
1870 PRINT#DV, "51  :"; RIGHTS(HEXS(B(82)),2);
1880 PRINT#DV, "....."
1890 :
1900 PRINT#DV, "52  :"; RIGHTS(HEXS(B(83)),2);
1910 PRINT#DV, ": 18 = DS, 10 = SS, 0 = ....."
1920 :
1930 PRINT#DV, "53  :"; RIGHTS(HEXS(B(84)),2);
1940 PRINT#DV, ": ....."
1950 :
1960 PRINT#DV, "54  :"; RIGHTS(HEXS(B(85)),2);
1970 PRINT#DV, ": ....."
1980 :
1990 PRINT#DV, "55  :";
2000 IF B(86) = 0 THEN PRINT#DV, "  kein SKEW" :GOTO 2100
2010 PRINT#DV, "SKEW-Faktor: ";
2020 PRINT#DV, B(87)-B(86);
2030 PRINT#DV, "  SKEW-Tabelle:"
2040 PRINT#DV,:PRINT#DV,"  ";
2050 FOR I = 1 TO 43
2060 PRINT#DV, RIGHTS(HEXS(B(I+85)),2);" ";
2070 IF I/16 = INT(I/16) THEN PRINT#DV:PRINT#DV,"  ";
2080 NEXT
2090 PRINT#DV
2095 :
2100 REM Leerzeilen beim Druck
2110 : IF DV = 0 THEN 2170
2120 FOR I = 1 TO 4:PRINT#DV:NEXT
2130 :IF DV = 2 THEN FOR I = 1 TO 14: PRINT#DV:NEXT
2140 NF = NF + 1
2150 KILL B
2160 GOTO 130
2170 :
2180 END
2190 PRINT"Dateiende
2200 CLR: RUN
2210 END

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