

## Demo zu Hautnah

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«07D9» 900 '=====
«084B» 910 '==      Sprite-Demo      ==
«07ED» 920 '=====
«0E83» 1000 DEFINIT a-z:MEMORY 29999:LOAD"hautna
      h.rsx",&A000:CALL &A000:GOSUB 1470:MODE
      0
«09C4» 1010 INK 4,11:INK 2,3:INK 0,0:INK 5,1:IN
      K 6,26:INK 7,24:INK 8,15:BORDER 0
«033A» 1020 |INIT
«07FF» 1030 |SET,0:|DEFSPR,ship,8,8
«07AE» 1040 |SET,1:|DEFSPR,box,4,16
«0810» 1050 |SET,2:|DEFSPR,scr,80,16
«0257» 1060 |SET,1
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<077F> 1065 '=====
<0601> 1066 '===          TITEL          ===
<0781> 1067 '=====
<3D74> 1070 FOR i=0 TO 76 STEP 4:|FPUT,box,i,0:
|FPUT,box,i,183:NEXT:FOR i=16 TO 183 STE
P 14:|IFPUT,box,0,i:|IFPUT,box,76,i:NEXT
:LOCATE 4,9:PEN 4:PRINT"S p r i t e s":L
OCATE 3,9:PEN 6:PRINT CHR$(22);"
":LOCATE 5,14:PEN 7:PRINT"* HAUT
NAH *"
<08EF> 1080 LOCATE 3,17:PEN 8:PRINT"By Klaus E
berle"
<05D1> 1090 FOR i=1 TO 2500:NEXT
<193F> 1100 |SET,2:FOR i=0 TO 182 :|GETSPR,scr,
0,i:|FPUT,scr,0,i+1:SOUND 1,0,2,,,i\6:N
EXT
<07A7> 1105 '=====
<0731> 1106 '===          HINTERGRUND          ===
<07A9> 1107 '=====
<10D1> 1110 MODE 0:FOR i=1 TO 130:PLOT RND*640,
RND*400,RND*7+1:NEXT
<0502> 1120 WINDOW #1,6,15,1,25:PAPER #1,4:CLS
#1
<0DCB> 1130 MOVE 160,0:DRAW 160,400,6:MOVE 168,
0:DRAW 168,400,6:MOVE 192,0:DRAW 192,400
,5
<127C> 1140 FOR i=370 TO 0 STEP -24:MOVE 224,i:
DRAWR 0,16,6:DRAWR 32,0,6:DRAWR 0,-16,5:
DRAWR -28,0,5:NEXT
<0E98> 1150 MOVE 270,64:DRAWR 0,250,6:DRAWR 60,
0,6:DRAWR 0,-100,5:DRAWR 44,0,6:DRAWR 0,
-150,5:DRAW 270,64,5
<0E6A> 1160 MOVE 416,0:DRAW 416,400,6:MOVE 448,
0:DRAW 448,400,5:MOVE 480,0:DRAW 480,400
,5
<09BA> 1170 LOCATE 10,3:PEN 7:PRINT CHR$(143):L
OCATE 12,3:PRINT CHR$(143)
<135C> 1180 FOR i=9*32 TO 11*32 STEP 64:MOVE i,
352:DRAWR 0,16,5:DRAWR 32,0,5:DRAWR 0,-1
6,6:DRAWR -28,0,6:NEXT
<07F7> 1185 '=====
<0834> 1186 '=== IN FRONT AND BEHIND ===
<07F9> 1187 '=====
<0749> 1190 x=0:y=80:|SET,0
<0826> 1200 |IFPUT,ship,x,y
<0F96> 1210 FOR x=1 TO 480:|IFMOVE,ship,x,Y:CAL
L &BD19:NEXT
<0A46> 1220 |FPUT,ship+64,x-1,y
<099F> 1230 FOR N=5 TO 130 STEP 4:SOUND 1,n,2:N
EXT
<0550> 1240 x=0:y=80
<0853> 1250 |BHPUT,ship,x,y
<0FC3> 1260 FOR x=1 TO 480:|BHMOVE,ship,x,Y:CAL
L &BD19:NEXT
<0A78> 1270 |FPUT,ship+64,x-1,y
<08D2> 1280 FOR N=5 TO 130 STEP 4:SOUND 1,n,2:N
EXT
<0483> 1290 x=0:y=80
<078B> 1300 |IFPUT,ship,x,y
<1056> 1310 FOR x=1 TO 481 STEP 2:|IFMOVE,ship,
x,y:CALL &BD19:NEXT
<09AC> 1320 |FPUT,ship+64,x-2,y
<0904> 1330 FOR N=5 TO 130 STEP 4:SOUND 1,n,2:N
EXT
<04B5> 1340 x=0:y=80
<07B8> 1350 |BHPUT,ship,x,y
<1083> 1360 FOR x=1 TO 481 STEP 2:|BHMOVE,ship,
x,y:CALL &BD19:NEXT
<09DE> 1370 |FPUT,ship+64,x-2,y
<0936> 1380 FOR N=5 TO 130 STEP 4:SOUND 1,n,2:N
EXT
<04E7> 1390 x=0:y=80
<07EF> 1400 |IFPUT,ship,x,y
<10BD> 1410 FOR x=1 TO 483 STEP 3:|IFMOVE,ship,
x,y:CALL &BD19:NEXT
<0A11> 1420 |FPUT,ship+64,x-3,y
<0968> 1430 FOR N=5 TO 130 STEP 4:SOUND 1,n,2:N
EXT
<1E74> 1440 x=0:y=80:FOR x=1 TO 403 STEP 3:|BHM
OVE,ship,x,y:CALL &BD19:NEXT:|FPUT,ship+
64,x-3,y
<16B1> 1449 |SET,1:FOR y=0 TO 176 STEP 16:FOR x
=0 TO 76 STEP 4:|FPUT,box,x,y:NEXT:NEXT
<06C4> 1450 LOCATE 1,25:PRINT"          E n d e
";
<0D33> 1455 FOR i=300 TO 1000 STEP 10:SOUND 1,I
,4,,,I MOD 32:NEXT
<025A> 1460 GOTO 1460
<0810> 1465 '=====
<0793> 1466 '===          SPRITE DATEN          ===
<0812> 1467 '=====

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<0892> 1470 REM -----Daten fuer ship
<0B90> 1480 DATA &00,&C0,&00,&00,&00,&00,&00,&0
0,&40,&CC,&08,&40,&00,&00
<0E30> 1490 DATA &00,&00,&6A,&C8,&8C,&40,&80,&0
0,&00,&00,&2E,&4C,&C4,&48,&C0,&00,&00
<0E6A> 1500 DATA &00,&6A,&0C,&0C,&0C,&0C,&0C,&0
0,&00,&40,&0C,&0C,&48,&C0,&0C,&0C,&08
<0D9E> 1510 DATA &00,&84,&0C,&48,&84,&0C,&48,&C
0,&00,&40,&0C,&48,&0C,&0C,&0C,&08
<0858> 1520 REM -----Daten fuer box
<0B79> 1530 DATA &00,&00,&00,&00,&00,&00,&00,&0
0,&00,&00,&00,&00,&00,&00
<0DD8> 1540 DATA &00,&00,&00,&C0,&C0,&84,&40,&C
C,&CC,&0C,&C4,&CC,&8C,&0C,&C0,&C0,&84
<0DD7> 1550 DATA &0C,&C0,&C0,&84,&0C,&C0,&C0,&8
4,&0C,&C0,&C0,&84,&0C,&C0,&C0,&84,&0C
<0CFA> 1560 DATA &C0,&C0,&84,&0C,&C0,&C0,&84,&0
C,&C0,&C0,&84,&08,&C0,&C0,&84,&00
<147C> 1570 RESTORE 1480:ship=-25536:FOR i=0 TO
63:READ a:POKE i+ship,a:NEXT
<1361> 1580 RESTORE 1530:box=-25409:FOR i=0 TO
63:READ a:POKE i+box,a:NEXT
<03CE> 1590 scr=30000
<0115> 1600 RETURN

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# MC-Generator für Hautnah

<0591> 100 : Hautnah.ldr  
<0136> 110 :  
<0C42> 120 DATA 01,0E,A0,21,0A,A0,CD,D1,BC,C9,0  
0,00,00,00,3A,A0,= 1399  
<0CAF> 130 DATA C3,B2,A1,C3,09,A2,C3,2A,A2,C3,F  
F,A0,C3,E7,A0,C3,= 2690  
<0C7F> 140 DATA 04,A1,C3,09,A1,C3,5D,A2,C3,4B,A  
2,C3,27,A1,C3,0E,= 2016  
<0C70> 150 DATA A1,C3,D8,A1,C3,E2,A0,C3,54,A1,5  
3,45,D4,49,46,50,= 2341  
<0C4C> 160 DATA 55,D4,42,48,50,55,D4,58,50,55,D  
4,46,50,55,D4,4F,= 1803  
<0C67> 170 DATA 50,55,D4,41,50,55,D4,49,46,4D,4  
F,56,C5,42,48,4D,= 1616  
<0C9F> 180 DATA 4F,56,C5,58,4D,4F,56,C5,46,4D,4  
F,56,C5,44,45,46,= 1605  
<0C3D> 190 DATA 53,50,D2,49,4E,49,D4,47,45,54,5  
3,50,D2,00,00,00,= 1406  
<0AFB> 200 DATA 00,00,00,00,00,00,00,00,00,00,0  
0,00,00,00,00,00,= 0  
<0B05> 210 DATA 00,00,00,00,00,00,00,00,00,00,0  
0,00,00,00,00,00,= 0  
<0B0F> 220 DATA 00,00,00,00,00,00,00,00,00,00,0  
0,00,00,00,00,00,= 0  
<0B19> 230 DATA 00,00,00,00,00,00,00,00,00,00,0  
0,00,00,00,00,00,= 0  
<0B23> 240 DATA 00,00,00,00,00,00,00,00,00,00,0  
0,00,00,00,00,00,= 0  
<0B2D> 250 DATA 00,00,00,00,00,00,00,00,00,00,0  
0,00,00,00,00,00,= 0  
<0C20> 260 DATA 00,00,FD,21,7E,A0,C9,CD,65,A1,F  
D,75,3C,FD,74,3D,= 2100  
<0C32> 270 DATA DD,56,05,DD,5E,04,FD,73,28,FD,7  
2,29,C3,16,A3,3E,= 1889  
<0C2D> 280 DATA AE,C3,39,A1,3E,B6,C3,39,A1,3E,A  
6,C3,39,A1,3E,00,= 1947  
<0C57> 290 DATA 32,96,A1,FD,66,3D,FD,6E,3C,11,9  
6,A1,CD,8C,A1,3E,= 2096  
<0C64> 300 DATA 13,32,96,A1,C3,E7,A0,FD,66,3D,F  
D,6E,3C,FD,5E,28,= 2192  
<0C89> 310 DATA FD,56,29,CD,8C,A1,C3,FF,A0,32,9  
4,A1,CD,65,A1,FD,= 2575  
<0C6A> 320 DATA 75,3C,FD,74,3D,DD,56,05,DD,5E,0  
4,FD,73,28,FD,72,= 2013  
<0C85> 330 DATA 29,C3,8C,A1,FE,03,C2,C8,A1,CD,6  
5,A1,DD,56,05,DD,= 2349  
<0C47> 340 DATA 5E,04,C3,75,A2,DD,7E,00,E6,F8,6  
F,26,00,44,4D,29,= 1732  
<0C5D> 350 DATA 29,09,29,DD,7E,00,E6,07,CB,27,C  
B,27,CB,27,84,67,= 1636  
<0C64> 360 DATA DD,46,03,DD,4E,02,09,01,00,C0,0  
9,C9,FD,4E,14,FD,= 1611  
<0BF7> 370 DATA 46,00,E5,1A,00,77,13,23,38,16,1  
0,F7,E1,D5,11,00,= 1294  
<0C35> 380 DATA 08,19,38,05,D1,0D,20,E7,C9,11,5  
0,C0,19,C3,A4,A1,= 1614

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<0C76> 390 DATA E1,C9,B7,28,13,DD,7E,00,FE,0A,3
0,14,CB,27,06,00,= 1595
<0CCC> 400 DATA 4F,FD,21,7E,A0,FD,09,C9,CD,00,B
9,3E,02,C3,98,CA,= 2117
<0CCD> 410 DATA CD,00,B9,3E,05,C3,98,CA,FE,03,2
0,EC,DD,7E,02,B7,= 2063
<0CB6> 420 DATA 28,EE,FD,77,00,DD,7E,00,B7,28,E
5,FD,77,14,26,00,= 1879
<0CC7> 430 DATA 6C,54,DD,5E,00,DD,46,02,19,10,F
D,DD,56,05,DD,5E,= 1721
<0CE5> 440 DATA 04,19,FD,75,50,FD,74,51,C9,CD,6
5,A1,FD,75,3C,FD,= 2280
<0CF9> 450 DATA 74,3D,CD,6F,A2,DD,56,05,DD,5E,0
4,FD,73,28,FD,72,= 2061
<0D18> 460 DATA 29,FD,6E,3C,FD,66,3D,C3,93,A2,C
D,65,A1,FD,75,3C,= 2281
<0D29> 470 DATA FD,74,3D,CD,6F,A2,DD,56,05,DD,5
E,04,FD,73,28,FD,= 2200
<0D3F> 480 DATA 72,29,FD,6E,3C,FD,66,3D,C3,D4,A
2,FD,6E,3C,FD,66,= 2341
<0D2A> 490 DATA 3D,FD,56,51,FD,5E,50,CD,16,A3,C
3,2A,A2,FD,6E,3C,= 2120
<0D37> 500 DATA FD,66,3D,FD,56,51,FD,5E,50,CD,1
6,A3,C3,09,A2,FD,= 2272
<0D1B> 510 DATA 5E,50,FD,56,51,FD,7E,14,E5,FD,4
E,00,06,00,ED,B0,= 1972
<0B9E> 520 DATA E1,01,00,08,09,38,05,3D,C2,78,A
2,C9,01,50,C0,09,= 1324
<0G56> 530 DATA C3,87,A2,FD,4E,14,C5,FD,46,00,E
5,1A,E6,AA,CA,C8,= 2420
<0C1A> 540 DATA A2,4F,1A,E6,55,CA,CE,A2,B1,77,1
3,23,38,17,10,EB,= 1832
<0BCA> 550 DATA E1,D5,11,00,08,19,38,06,D1,C1,0
D,20,D9,C9,11,50,= 1512
<0C80> 560 DATA C0,19,C3,B8,A2,E1,C1,C9,7E,E6,A
A,C3,A1,A2,7E,E6,= 2777
<0C8A> 570 DATA 55,C3,A8,A2,FD,4E,14,C5,FD,46,0
0,E5,7E,E6,AA,CA,= 2438
<0C0C> 580 DATA 0A,A3,4F,7E,E6,55,CA,10,A3,B1,7
7,13,23,38,18,10,= 1520
<0C48> 590 DATA EB,E1,D5,11,00,08,19,DA,00,A3,D
1,C1,0D,20,D8,C9,= 1968
<0C7D> 600 DATA 11,50,C0,19,C3,FA,A2,E1,C1,C9,1
A,E6,AA,C3,E2,A2,= 2549
<0C84> 610 DATA 1A,E6,55,C3,E9,A2,FD,7E,14,E5,F
D,4E,00,06,00,EB,= 2131
<0C3E> 620 DATA ED,B0,EB,E1,01,00,08,09,38,04,3
D,20,EC,C9,01,50,= 1562
<0B6D> 630 DATA C0,09,C3,2A,A3,00,00,00,00,00,0
0,00,00,00,00,00,= 601
<014A> 640
<031A> 650 MEMORY &9FFF
<08C1> 660 ZEILE = 120 : SCHRITT = 10
<0834> 670 ADR = &A000 : LAST = &A334
<04A3> 680 FOR I=1 TO 16
<03E0> 690     READ BYTES
<084F> 700     POKE ADR,VAL("&"+BYTES)
<0916> 710     SUM=SUM+PEEK(ADR)
<0624> 720     ADR=ADR+1
<0192> 730 NEXT
<0E1F> 740 READ CHECKSUM$:CHECKSUM=VAL(MID$(CHE
CKSUM$,3))
<0FD2> 750 IF SUM<>CHECKSUM THEN PRINT "FEHLER
IN ZEILE";ZEILE
<13E5> 760 IF ADR<LAST THEN SUM=0:ZEILE=ZEILE+S
CHRITT:GOTO 680
<0FA8> 770 CLS:PRINT"Der Maschinencode wird abg
espeichert."
<0CF2> 776 PRINT:PRINT"Bitte eine Taste druecke
n.":CALL &BB06
<0835> 780 SAVE"hautnah.rsx",b,&A000,&335
<00B7> 790 END

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