

```

100 '***** [31D4]
101 * SCROLL.DAT - DATA-Lader von 'CPC' * [E72C]
102 '***** [A3D8]
103 '***** [DEB6]
104 DATA A124,00,00,01,2F,A1,21,5A,A1,0749 [10FA]
105 DATA A12C,C3,D1,BC,3D,A1,C3,5E,A1,4789 [3DF4]
106 DATA A134,C3,7D,A1,C3,E1,A1,C3,4C,6296 [40B6]
107 DATA A13C,A2,53,43,52,4F,4C,4C,2E,4B7E [6C0C]
108 DATA A144,49,4E,49,D4,53,43,52,4F,301F [ED5C]
109 DATA A14C,4C,CC,43,4F,4E,54,49,4E,1A6C [7BF4]
110 DATA A154,55,C5,43,4C,D3,00,FC,A6,10A6 [E8E4]
111 DATA A15C,2F,A1,FE,01,C0,DD,46,00,25E8 [EB74]
112 DATA A164,21,00,C0,7B,B7,28,07,EB,0AFD [C48E]
113 DATA A16C,CD,22,A2,0E,10,F9,22,33,77E3 [7CB6]
114 DATA A174,A2,01,4F,00,09,22,0A,A2,58D6 [044E]
115 DATA A17C,C9,FE,02,C0,CC,CC,A1,CD,5397 [5D46]
116 DATA A184,80,A2,22,BD,A1,AF,CD,80,61BE [D1EE]
117 DATA A18C,A2,36,01,DD,23,DD,23,3C,5366 [CF49]
118 DATA A194,CD,80,A2,78,32,23,A1,22,553C [9260]
119 DATA A19C,24,A1,7E,FE,20,3B,24,C5,3B0D [90C4]
120 DATA A1A4,E5,CD,EA,A1,E1,C1,CD,09,530F [C022]
121 DATA A1AC,BB,3B,00,23,10,EC,ED,4B,52B1 [E924]
122 DATA A1B4,22,A1,2A,24,A1,C3,9E,A1,39D9 [7DA6]
123 DATA A1BC,32,00,00,78,32,20,A1,22,1EF0 [6720]
124 DATA A1C4,21,A1,C9,CD,6A,A2,18,DE,2C06 [B5EA]
125 DATA A1CC,3A,0F,B2,32,14,A2,CD,01,2B03 [CF79]
126 DATA A1D4,BC,2F,E6,03,FE,03,20,11,4EBD [5FD4]
127 DATA A1DC,3C,32,F4,A1,C9,ED,4B,1F,0365 [C100]
128 DATA A1E4,A1,2A,21,A1,18,C5,CD,1A,56DB [FFEA]
129 DATA A1EC,BB,11,00,A1,CD,53,BC,06,558A [D6E2]
130 DATA A1F4,00,21,00,A1,C5,E5,CD,30,0646 [F44E]
131 DATA A1FC,A2,E1,E5,CD,09,A2,E1,C1,7AF3 [422E]
132 DATA A204,05,C8,23,18,EF,11,00,00,325C [4616]
133 DATA A20C,ED,4B,F4,A1,06,08,7E,E6,70DA [58FE]
134 DATA A214,00,12,CD,22,A2,79,23,00,1BBF [C276]
135 DATA A21C,20,FC,4F,10,F1,C9,7A,C6,237E [5CE2]
136 DATA A224,08,57,DD,C5,EB,01,50,C0,00AC [E67A]
137 DATA A22C,09,EB,C1,C9,3E,08,11,00,2B02 [4A82]
138 DATA A234,00,62,6B,23,D5,01,4F,00,11E2 [4A1C]
139 DATA A23C,ED,B0,D1,3D,B7,CA,19,BD,456F [984A]
140 DATA A244,F5,CD,22,A2,F1,C3,35,A2,43EC [9BCC]
141 DATA A24C,2A,33,A2,3E,08,54,50,13,0FD9 [FB96]
142 DATA A254,36,00,E5,01,4F,00,ED,B0,04A2 [4F52]
143 DATA A25C,E1,3D,B7,C8,EB,F5,CD,22,6094 [7614]
144 DATA A264,A2,F1,EB,C3,51,A2,CD,5A,7DD0 [3710]
145 DATA A26C,BB,D6,0E,28,02,3D,C0,23,6A07 [90B0]
146 DATA A274,7E,05,CD,5A,BB,3A,8F,B2,26DC [1E2C]
147 DATA A27C,32,14,A2,C9,DD,6E,00,DD,035D [7BDE]
148 DATA A284,66,01,B7,C8,46,23,5E,23,2B03 [D450]
149 DATA A28C,56,EB,C9,99,9F,99,C3,FF,0695 [AE32]
150 DATA *ENDE* [54C0]
151 adr=*A124:zeile=104:MEMORY adr-1 [312C]
152 READ d$:IF d$="*ENDE*"THEN 163 [7C8E]
153 pr=0 [4E10]
154 FOR i=1 TO 8 [3366]
155 READ a$:a=VAL("&"+a$) [2844]
156 POKE adr,a:adr=adr+1 [B720]
157 pr=pr*2:IF pr>65535 THEN pr=pr-65535 [06A0]
158 pr=UNT(pr)XOR a:IF pr<0 THEN pr=pr+65535 [CFB8]
159 NEXT i [430E]
160 READ pr$:pr2=VAL("&"+pr$):IF pr2<0 THEN [3366]
pr2=pr2+65536 [6888]
161 IF pr<>pr2 THEN PRINT"Pruefsummenfehler [F510]
in Zeile";zeile:STOP [FF5E]
162 zeile=zeile+1:GOTO 152 [0554]
163 SAVE"SCROLL.BIN",B,&A124,&16E:END

```

Listing 1. Der DATA-Lader von »Scroll«

```

10 '***** [8B94]
20 = HAPPY-SCROLL = [F582]
30 '***** [9F98]
40 '***** [8256]
50 '***** [BB88]
60 '***** [845A]
70 '***** [F4CB]
80 '***** [865E]
90 MODE 1:INK 2,13:INK 1,26:PEN 3:PRINT" [810E]
Bitte warten - lade MC-Code..."
100 SPEED INK 2,2:f#=CHR$(15):INK 3,6,24 [0640]
:MEMORY 41251 [6958]
110 LOAD "scroll.bin" [4CCC]
120 CALL &A126 :Initialisierung
130 SPEED INK 10,10:CLS:PEN 3:PRINT:INPU [2D32]
T"CPC 664/612B angeschossen ":a$ [D7F0]
140 IF UPPER$(a$)<>"J" THEN 160
150 POKE &A27A,&2F:POKE &A27B,&B7:POKE & [ED58]
&A1CE,&2F [DB3A]
160 CLS:PAPER 2
170 PRINT SPC(8)"H A P P Y<2>-<2>S C R O [7BB8]
L L"SPC(7):PAPER 0:PEN 2:PRINT
180 PRINT:PRINT"Die neuen Befehle ":"PRI [0402]
NT:PEN 1:PRINT":SCROLL.INIT,Startze [23BE]
ile [9446]
190 PRINT":SCROLL,@a$,@t$ (a$=Text;t$=g [3FB0]
edr.Taste)";
200 PRINT":CLS (Loeschen des Scroll-Ber [828A]
eiches)
210 PRINT":CONTINUE (Scrolling [nach Ta [9DFC]
stendruck]<12>fortsetzen)":PRINT [D920]
220 PEN 3:PRINT"WICHTIG ":"PEN 1:PRINT"V [6134]
or dem ersten !SCROLL"f$"2 MUSS"f$"1
230 PRINT":SCROLL.INIT aufgerufen werden
240 PRINT:PRINT" D=DEMO - "f$"3 Nun ? [1776]
250 a$=LOWER$(INKEY$):IF a$=" " GOTO 250 [5682]
260 IF a$<>"d" THEN PEN 1:LOCATE 1,17:PR [314]
INT CHR$(18):END
270 !SCROLL.INIT,180:RESTORE 440
280 FOR i=1 TO 5:READ x$:b$=b$+f$+CHR$(i [8314]
+70)+x$:INK i+5,7+2*i:NEXT
290 READ c$:a$=b$+f$+"1"+c$+f$+"3H A P P [AE54]
Y<2>-<2>S C R O L L"+f$+"1 ...":MOD
E 0
300 a$=a$+" <ENTER> = weiter<4>":PEN 1:t [F1FE]
$="nYz" 'in t$ MIND. 1 Buchstabe ! [C1BC]
310 PRINT"D E M O ":":SCROLL,@a$,@t$ [63CC]
320 IF t$=CHR$(13) THEN 330 ELSE !CONTIN [2228]
UE:GOTO 320
330 MODE 1:PEN 1:PRINT"Bitte zu scrollen [2618]
den Text eingeben !":LINE INPUT a$:m [CEFO]
=1 [DF0E]
340 !SCROLL.INIT,100:GOSUB 430:!SCROLL,@ [CB7B]
a$,@t$ [0256]
350 t$=UPPER$(t$):IF t$="E" THEN 390 [5390]
360 IF t$<>"N" THEN !CONTINUE:GOTO 350 [8728]
370 m=m+1:IF m=3 THEN m=0 [903C]
380 GOTO 340 [5128]
390 MODE 1:PEN 1:PRINT"Wollen Sie einen [8786]
neuen Text eingeben ?"
400 a$=LOWER$(INKEY$):IF a$=" " GOTO 400 [8728]
410 IF a$="n" THEN END [903C]
420 IF a$<>"j" THEN 400 ELSE 330 [5128]
430 MODE m:PRINT"E = Ende":PRINT"N = nae [EB48]
chster MODE":RETURN [8786]
440 DATA H,A,L,L,0," , dies ist<2>"

```

Listing 2. Das Demo-Programm zeigt »Scroll« im Einsatz