

10	MODE 1:DEB	[C782]
15	CALL MDCB1	[8A9C]
20	DEFINT a-z	[52C8]
25	CLS 0	[985A]
30	INK 0,0:INK 1,24:INK 2,10:INK 3,10	[541E]
35	.	[7F5E]
40	MOVE 10,340:DRAW 0,-50	[2292]
45	FOR a=1 TO 400 STEP 10	[366A]
50	MOVE a+10,340+20*SIN(a*4)	[D43E]
55	DRAW a+20,340+20*SIN((a+10)*4),2	[F9AE]
60	MOVE a+10,310+20*SIN(a*4)	[9336]
65	DRAW a+20,310+20*SIN((a+10)*4)	[DEEA]
70	NEXT	[8F0C]
75	DRAW 0,50,3	[D190]
80	MOVE 10,100	[898A]
85	.	[A660]
90	REM ** Pfeile **	[8894]
95	DRAW 0,40:DRAW 150,0:DRAW 0,50:DR	
	AW 50,-70:DRAW -50,-70:DRAW 0,50:DR	
	AW -150,0	[113C]
100	MOVE 630,100:DRAW 0,40:DRAW -140,0	
	:DRAW 0,50:DRAW -50,-70:DRAW 50,-	
	70:DRAW 0,50:DRAW 140,0	[2750]
105	.	[FEDA]
110	LOCATE 17,13:PRINT"RSE-FILL	[0470]
111	LOCATE 17,14:PRINT"-----	[DEAA]
115	LOCATE 0,19:PRINT"<< CHR\$(164)"1986	
	von Joerg Braun >>"	[240E]
120	MOVE 10,50:DRAW 320,70,1:DRAW 630,50	
	:DRAW 320,30:DRAW 10,50	[07C2]
125	.	[E00E]
130	MOVE 330,350:IFILL,1	[4444]
135	MOVE 100,190:IFILL,2	[7C44]
140	MOVE 500,191:IFILL,2	[8F46]
145	MOVE 320,50:IFILL,3	[42EA]
150	LOCATE 1,24	[A3A2]

Listing 2. Eindrucksvolle Demonstration des neuen FILL-Befehls

```

10 '*****
11 '
12 '      RSX-Fill
13 '      *****
14 '      in der Version 1.0
15 '
16 '      (c) 1986
17 '      von
18 '
19 '      Joerg Braun
20 '      Waldenburger Str.5
21 '      3330 Helmsedt
22 '      Tel. 05351/33457
23 '*****
24 MODE 1:PRINT"Einen Moment bitte..."
25 MEMORY &9FF0:a=-24576:zn=500
26 IF a<0 THEN a=a+16^4
27 WHILE zn

```

[1C7C]
 [1B5A]
 [A39E]
 [7A02]
 [A30E]
 [3F42]
 [519C]
 [282C]
 [3C40]
 [3C40]
 [C3F6]
 [19E2]
 [A60A]
 [A104]
 [A74C]
 [0030]
 [992C]
 [9E14]

Listing 1. Basic-Lader für die Befehlserweiterung -RSX-Fill-

```

28 WHILE b<=9 [F326J
29 READ data$:ps=ps+VAL("<"+data$) [A1F4J
30 IF data$="ende" THEN PRINT CHR$(7)
:GOTO 41 [147AJ
31 POKE a+b,VAL("<"+data$) [7086J
32 b=b+1 [2404J
33 WEND [7E28J
34 READ psu$ [FB18J
35 IF VAL("<"+psu$)<> ps THEN PRINT"Dat
afehler in Zeile "<n [5110J
36 psu$="":ps=0 [59BAJ
37 b=8:a=a+10:n=n+10 [28A2J
38 WEND [8272J
39 ' [7F66J
40 REM Zeilen nicht umnummerieren !! [9886J
41 CALL LA000:REM ** Initialisierung von RS
X-File ** [76A4J
500 DATA 01,0A,A0,21,14,A0,C3,D1,8C,C9,499 [F26AJ
510 DATA 0F,A0,C3,10,A0,46,4F,4C,CC,00,3D1 [917AJ
520 DATA 00,00,00,00,CD,3F,A0,CD,02,A0,399 [6C54J
530 DATA CD,A9,A0,CD,00,A0,CD,05,A0,C3,760 [8E2AJ
540 DATA FF,A0,C3,32,A1,C3,5E,A1,CD,02,646 [A9D8J
550 DATA A0,CD,A9,A0,CD,00,A0,CD,05,A0,745 [351AJ
560 DATA C3,5E,A1,FE,01,C3,0E,A1,00,7E,600 [171AJ
570 DATA 00,CD,DE,00,CD,E7,00,32,FC,9F,6A2 [627EJ
580 DATA CD,C6,00,ED,53,F2,9F,22,F0,9F,6D0 [D130J
590 DATA 32,FA,9F,ED,53,F0,9F,CD,11,8C,62C [2542J
600 DATA FE,00,20,00,3E,04,32,FE,9F,FE,432 [5C92J
610 DATA 01,20,06,3E,02,32,FE,9F,AF,FE,3E3 [A000J
620 DATA 02,C0,3E,01,32,FE,9F,C9,00,00,399 [A050J
630 DATA 2A,FA,9F,ED,50,F0,9F,23,23,05,500 [503EJ
640 DATA E5,CD,F0,00,E1,D1,F3,3E,02,8C,700 [9106J
650 DATA 0A,03,A1,3A,FC,9F,4F,F1,09,20,624 [420EJ
660 DATA 00,20,20,32,F4,9F,C9,00,00,2A,3E0 [DCA2J
670 DATA FA,9F,ED,50,F0,9F,20,20,05,E5,600 [5A66J
680 DATA CD,F0,00,E1,D1,F3,3E,FD,0C,0A,7F0 [76A0J
690 DATA 03,A1,3A,FC,9F,4F,F1,09,20,00,632 [3A04J
700 DATA 23,23,22,F4,9F,C9,00,00,2A,F4,3E4 [E64EJ
710 DATA 9F,ED,50,F0,9F,05,CD,C0,00,D1,76C [0994J
720 DATA 2A,F4,9F,C0,F4,00,C9,00,00,ED,5F1 [051EJ
730 DATA 50,F4,9F,2A,F4,9F,ED,52,11,02,4FF [4FFCJ
740 DATA 00,CD,C1,00,ED,50,F4,9F,19,22,561 [71E2J
750 DATA FA,9F,C9,00,00,2A,FE,9F,ED,50,571 [0214J
760 DATA F0,9F,19,00,2A,FA,9F,05,05,CD,6E3 [0F00J
770 DATA F0,00,D1,E1,F3,3E,03,0C,DA,03,6DC [E34EJ
780 DATA A1,3A,FC,9F,4F,F1,09,C2,2A,A0,5FB [E742J
790 DATA ED,53,F0,9F,22,F4,9F,22,F4,9F,643 [47F2J
800 DATA C3,10,A0,C9,00,00,2A,F2,9F,ED,4EF [07E4J
810 DATA 50,FE,9F,ED,52,00,2A,F0,9F,05,600 [6750J
820 DATA E5,CD,F0,00,E1,D1,F3,3A,FC,9F,7D9 [407AJ
830 DATA 4F,F1,09,C0,ED,53,F0,9F,22,FA,6AC [603EJ
840 DATA 9F,22,F4,9F,C3,30,A0,C9,00,00,4D0 [D76CJ
850 DATA 2A,F0,9F,ED,50,FE,9F,ED,52,00,600 [A094J
860 DATA 2A,FA,9F,05,E5,CD,F0,00,E1,D1,7A7 [906EJ
870 DATA F3,3E,FD,0C,DA,03,A1,3A,FC,9F,6EF [1000J
880 DATA 4F,F1,09,C0,ED,53,F0,9F,22,F4,6A0 [381CJ

```

890 DATA 9F,22,F4,9F,C3,30,A0,C9,06,12,4C0	[D39A]
900 DATA 21,A1,A1,33,33,E5,C5,7E,CD,5A,510	[360E]
910 DATA 00,C1,E1,23,10,F3,C9,31,20,50,40F	[9A02]
920 DATA 41,52,41,40,45,54,45,52,20,4E,20F	[001A]
930 DATA 40,40,44,45,44,33,33,33,33,06,229	[00A0]
940 DATA 0D,21,C0,A1,E5,C5,7E,CD,5A,00,5A1	[0612]
950 DATA C1,E1,23,10,F3,C9,4F,55,54,20,4A0	[407A]
960 DATA 4F,46,20,53,43,52,45,40,4E,00,275	[7DEC]
970 DATA ende	[0C2C]
980 MODE 2	[A470]
990 PRINT STRING\$(00,"*")	[E97A]
1000 PRINT SPACE\$(5)^(c) 1986 von J.Braun "	
SPACE\$(5)")) CHR\$(24)" RSX-Fill "CHR\$(
(24)" <<"SPACE\$(7)"Version 1.0"	[2042]
1010 PRINT CHR\$(10)STRING\$(00,"*")	[7320]
1020 WINDOW=2,1,00,7,20:WINDOW SWAP 2	[E26C]
1030 LOCATE 1,2:PRINT"Dieses Programm erwei	
tert den Befehlssatz des OPC um den RS	
X-Befehl :Fill,Ink.	[AA7A]
1040 PRINT:PRINT"Der Fill-Befehl erzeugt	
t es,unregelmässige Flächen":PRINT"es	
ist der gewählten Ink zu 'fillen'.	[0000]
1050 PRINT	[CCE4]
1060 PRINT"Einzige Bedingung:"	[F0E0]
1070 PRINT"Die Flächen müssen eine geschl	
ossene Verbindung besitzen.	[33CC]
1080 PRINT:PRINT"Anwendung:	[0600]
1090 PRINT"Move (innerhalb der zu fillenden	
Fläche):Fill,Ink	[10AE]
1100 GOSUB 2000	[E500]
1110 CLS:LOCATE 1,2	[02CC]
1120 PRINT"In den Maschinenprogrammen sind 2	
Fehlermeldungen implementiert:	[0F9C]
1130 PRINT:PRINT"1.) 1 Parameter needed	[EDF4]
1140 PRINT"2.) Out of screen	[6116]
1150 PRINT:PRINT"Fehlermeldung 1 erscheint,	
wenn keine Ink angegeben wurde.	[A100]
1160 PRINT"Fehlermeldung 2 tritt auf,wenn d	
ie auszufüllende Figur nicht	[49E6]
1170 PRINT SPACE\$(16)"absolut lueckenlos um	
randet ist.	[47DA]
1180 GOSUB 2000	[7590]
1190 CLS	[03A2]
1190 LOCATE 1,3:INPUT "Code abspeichern (J/	
N) ";ant	[391A]
1200 ant=UPPER\$(ant)	[9F0E]
1210 IF ant="J" THEN LOCATE 1,3:PRINT"Savin	
g Fillcode,b,&a000,&id7" ELSE END	[A710]
1214 SAVE "fillcode",b,&a000,&id7.	[09D0]
1999 END	[40A6]
2000 LOCATE 1,10:PRINT CHR\$(24)" >> Taste <	
< "CHR\$(24):CALL 0000:RETURN	[0060]

Listing 1. Basic-Lader für die Befehlserweiterung -RSX-Fill-
(Schluß)