

PROGRAM FILE



Memotech MTX PANEL Fill Amendment by Harrie Wijnands

This listing gives some changes and refer to that for instructions and use. improvements to the utility published The marked portions of the listing in 'Program File', PCW June. Please are the important changes.

10 CODE

```
4007 IMPFIL: LD DE,#F6F0      ;point to where we are
400A        LD (#FA92),DE    ;change stack limit
400E        LD (#FA9F),DE    ;change panel expand bytes
4012        LD HL,FILL      ;point to the start
4015        LD BC,#29       ;how many bytes to move
4018        LDIR            ;move them !
401A        LD A,#C3        ;set up jump to fill
401C        LD (#FA9E),A
401F        RET
4020 FILL:  LD A,(#FD7D)     ;was the last character a "F" ?
4023        CP "F"
4025        RET NZ          ;if not return
4026        RST 28          ;print "Fill" and get bytes
4027        DB #AB
4028        DB "Fil",#EC    ;last byte has bit 7 set
402C        PUSH BC        ;save the start address on stack
402D        RST 28          ;print "To" and get bytes
402E        DB #AB
402F        DB "T",#EF     ;last byte has bit 7 set
4031        PUSH BC        ;save the end address on stack
4032        RST 28          ;print "With" and get byte
4033        DB #AB
4034        DB "Wit",#E8    ;last byte has bit 7 set
4038        LD A,C          ;fetch the byte into A
4039        POP HL         ;get the end address
403A        POP DE         ;get the start address
403B        AND A          ;clear carry flag
403C        SBC HL,DE      ;calculate how many bytes
403E        RET C          ;don't fill if end address below start address
403F        LD (DE),A      ;fill the first byte
4040        RET Z          ;only one byte to fill if zero length
4041        LD B,H          ;set up length in BC
4042        LD C,L
4043        LD H,D          ;set up start address in HL
4044        LD L,E
4045        INC DE         ;point to the next byte with DE
4046        LDIR          ;fill the rest
4048        RET
```

Symbols:

FILL 4020 IMPFIL 4007