



Tech Info Library

Apple Writer IIe: DOS version--Patch for the IIc

Following is the Apple Writer II Utility Program which updates, for running on an Apple IIc, the DOS 3.3 version of Apple Writer for the IIe only.

To use this patch on your system, start by capturing the BASIC code listed below, using MacTerminal and Access II (DOS 3.3).

Remember to capture ONLY the BASIC code portion of this message. As an alternative, you could capture the entire message and then edit out the unwanted portions with a text editor. Save the file as a standard DOS 3.3 text file with the name PATCH.TEXT. Type the following from the keyboard:

```
EXEC PATCH.TEXT
```

You will see several "]"s scroll by at this point. When this stops and the cursor returns, type:

```
SAVE PATCH APPLEWRITER IIE
```

```
RUN PATCH APPLEWRITER IIE
```

Insert your Apple Writer II master disk and press the Return key. You only need to update your Apple Writer disk once.

After updating your Apple Writer IIe disk, mouse characters will appear on the screen, but only when capital letters are shown in inverse--for example, a capitalized file name appearing on the data line, or when the blinking cursor moves over a capital letter.

NOTE: The utility program does not convert Apple Writer to run under ProDOS.

```
100 TEXT : SPEED= 255
105 ONERR GOTO 500
110 D$ = CHR$(4): REMCTRL-D
115 BEL$ = CHR$(7): REMBELL
120 CR$ = CHR$(13): REMRETURN
125 ESC$ = CHR$(27): REMESCAPE
130 NORMAL : HOME
135 PRINT "APPLEWRITER II UTILITY PROGRAM"
140 VTAB 4: PRINT "USE THIS PROGRAM TO UPDATE YOUR"
145 PRINT "DOS 3.3 APPLEWRITER II FOR USE"
150 PRINT "ON AN APPLE IIC COMPUTER."
155 VTAB 10: PRINT "INSERT YOUR APPLEWRITER II MASTER DISK"
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160 PRINT "INTO THE DISK DRIVE AND PRESS 'RETURN' ";
165 GET A$: IF (A$ < > CR$) AND (A$ < > ESC$) GOTO 165
170 IF (A$ = ESC$) THEN HOME : END
175 PRINT
200 HOME : VTAB 12: PRINT "CAREFULLY UPDATING YOUR DISK....."
205 PRINT D$;"UNLOCK OBJ.APWRTIIE"
210 PRINT D$;"BLOAD OBJ.APWRTIIE"
215 GOSUB 300
220 HOME : VTAB 12: PRINT "CAREFULLY UPDATING YOUR DISK....."
225 PRINT D$;"BSAVE OBJ.APWRTIIE, A$1900, L$2F58"
230 PRINT D$;"LOCK OBJ.APWRTIIE"
235 PRINT D$;"UNLOCK OBJ.APWRTIIF"
240 PRINT D$;"BLOAD OBJ.APWRTIIF"
245 GOSUB 300
250 PRINT D$;"BSAVE OBJ.APWRTIIF, A$1900, L$30D1"
255 PRINT D$;"LOCK OBJ.APWRTIIF"
260 HOME : VTAB 12: PRINT "YOUR DISK IS NOW UPDATED."
265 NEW
300 HTAB 11
305 FOR I = 1 TO 10
310 READ AD$,VA$
315 A$ = AD$: GOSUB 400:DA = C
320 A$ = VA$: GOSUB 400:DV = C
325 PRINT ".";
330 POKE DA,DV
335 NEXT I: PRINT
340 RETURN
400 C = 0
405 FOR X = LEN (A$) TO 1 STEP - 1
410 B$ = MID$ (A$,X,1)
415 IF B$ = "A" THEN K = 10: GOTO 450
420 IF B$ = "B" THEN K = 11: GOTO 450
425 IF B$ = "C" THEN K = 12: GOTO 450
430 IF B$ = "D" THEN K = 13: GOTO 450
435 IF B$ = "E" THEN K = 14: GOTO 450
440 IF B$ = "F" THEN K = 15: GOTO 450
445 K = VAL (B$)
450 C = C + 16 ^ ( LEN (A$) - X) * K
455 NEXT X
460 RETURN
500 HOME : VTAB 11: PRINT BEL$
505 IF ( PEEK (222) < > 4) GOTO 515
510 PRINT "YOUR DISK MUST NOT": PRINT "BE WRITE PROTECTED!":
GOTO 520
515 PRINT "I/O ERROR!": RESTORE
520 FOR D = 0 TO 1000: NEXT : REMDELAY
520 GOTO 130
600 REMDATA IS IN FORMAT OF HEX ADDRESS FOLLOWED
601 REMBY THE NEW VALUE
605 DATA2EC0,F2,2ED4,FA,2EB7,F6,2E98,EC,2E94,F5
610 DATA417F,ED,4185,EC,418B,F0,4191,F4,4197,E6
615 DATA3017,F2,302B,FA,300E,F6,2FEF,EC,2FEB,F5
620 DATA42F8,ED,42FE,EC,4304,F0,430A,F4,4310,E6

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Apple Technical Communications

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