



Einstein Magazine

& ALL MICRO NEWS

Number 96

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read through. By Bob Deeley.

12....The Editor's last page - sorry, but it's true.

13....BJDRIVER the whole thing. You can adapt the
Einstein to your own printer using the techniques shown.

ENLARGED TEXT PRINTER

*by Stan Gibbs with clandestine additions by you
know who!*

I believe this was one of Stan's early attempts to make a small program look like a large one. As it was barely double its original size I presume he counted it among his failures.

It was a bit limited in that anything over 40 characters overlapped the first line, so, surprise surprise, I have added a few bits to it.

```
20 REM WD$=Text To Print
30 REM X%= X Position on Screen(0/39)
40 REM Y%= Y Position on Screen(0/23)
50 REM BG%=Background Colour(0/15)
60 REM FG%=Foreground Colour(0/15)
70 CLS
80 INPUT "Input Text ";W1$,W2$
85 WD$=W1$+W2$
90 INPUT "Input 'X' Screen Position (0/39)";X%
100 IF X% <0 OR X% >39 THEN PRINT"Error! Please
ReEnter":GOTO90
110 INPUT "Input 'Y' Screen Position (0/23)";Y%
120 IF Y% <0 OR Y% >23 THEN PRINT"Error! Please
ReEnter":GOTO110
130 INPUT "Input BackGround Colour (0/15)";BG%
140 IF BG%<0 OR BG%>15 THEN PRINT"Error! Please
ReEnter":GOTO130
150 INPUT "Input ForeGround Colour (0/15)";FG%
160 IF FG%<0 OR FG%>15 THEN PRINT"Error! Please
ReEnter":GOTO150
```

170 IF FG%=BG% THEN PRINT"Both Colours The Same! Please
ReEnter":GOTO130

```
180 CLS
190 GOSUB 250
200 TCOL 15,4
210 PRINT@0,22;
220 Q$=INCH$
230 END
240 REM Print On Screen
250 TCOL FG%,BG%
260 PRINT@X%,Y%,"";
270 FORJ%=1TOLEN(WD$)
280 TCOL FG%,BG%
290 I%=ASC(MID$(WD$,J%,1))
300 A%=I%*8+6144
310 B$=HEX$(VPEEK(A%),2):C$=HEX$(VPEEK(A%+1),2)
:D$=HEX$(VPEEK(A%+2),2):E$=HEX$(VPEEK(A%+3),2)
320 SHAPE128,B$+B$+C$+C$+D$+D$+E$+E$
330 PRINT CHR$(128);CHR$(8);CHR$(10);
340 B$=HEX$(VPEEK(A%+4),2):C$=HEX$(VPEEK(A%+5),2)
:D$=HEX$(VPEEK(A%+6),2):E$=HEX$(VPEEK(A%+7),2)
350 SHAPE128,B$+B$+C$+C$+D$+D$+E$+E$
360 PRINT CHR$(128);CHR$(11);
370 TCOL 15,4
375 IF J% MOD 40 = 0 THEN PRINT CHR$(10);CHR$(10);
380 NEXT:RETURN
```

The first additional line was 375. If this construction is a bit mindboggling I will explain. J% is the character count and J% MOD 40 means divide J% by 40 and store any remainder as MOD. Clearly MOD will only be 0 if J% is

exactly 40,80,120...etc, so at these points two line feeds are printed, so keeping the lines spaced apart. At first I thought this was all the meddling needed but then I discovered that INPUT will only allow a string of 127 characters maximum rather than the full string length of 255 characters. I presume this has something to do with the Basic Editor (not Mel) which has the same limitation.

The way round this is in lines 80 and 85. The input is split into two strings, W1\$ and W2\$, which are then combined into one string WD\$ which can be up to 254 (127 x 2) characters.

This gives a total of 6 full lines and 14 characters on the screen. At the ? prompt for the second string ENTER gives an empty string if the message is shorter than 127 characters.

It is necessary to start the first line at column 0 (Xvalue) or there will be a funny display. Of course you can put spaces round any heading required to be centred.



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by Bob Deeley

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 91 4 2 HG 3 an aabbbbaa switch
 91 6 3 P 3 more of the bletchley story april fool
 91 7 3 P A playing with the rubber band
 91 11 5 5 3 disk labels again
 91 17 2 HG J the abba switch
 92 2 3 1D G whats wrong with basic part 1
 92 5 3 C1 3 sketch part 2
 92 11 5 17 5 morse trainer
 92 12 3 P M incidentally eincomber
 92 13 2 HGK 3 a keyboard aabbbbaa switch
 92 19 6 F N postbag
 92 20 4 K A the april show report next issue
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I don't believe we have ever been 100% uptodate with the Index before!
 Bob offered to do this chore to pass the time on a business flight to South
 America. I hope it did the trick Bob and many thanks for the result.



The Editor's Last Page

Sounds rather final, doesn't it? Well, I am afraid that is exactly what this is. I have spent a month in hospital over New Year (never saw any of the hooha) and am now on Care in the Community at home. I have a terminal cancer, which has been treated, but there is no knowing how long I will survive.

In the circumstances, I have much more to think about than EM and am only producing this No 96 because I don't like to leave a job half done. I can work for short periods at a time. I spent some of my time in hospital planning it in my mind so there was not much left to do really.

I am concerned about what may happen to my Einsteins and the piles of stuff that goes with it and would appreciate any help with this. I fear my wife and daughter will not hesitate to consign it all to the tip if it hangs about very long.

Also, a NEW EDITOR is a rather urgent requirement, especially if he/she requires any initial help from me to get organised.

Ted Cawkwell



BJDRIVER by Ted Cawkwell

The only printer driver for the Einstein, this is for the Canon BJC 4100, 4200 and 4300. The latest version of this program I have called BJD.XBS. To run it needs two m/code programs BJSETUP2.OBJ and BJCODE.OBJ which are printed in full after the Xbas listing. The ASCII listings are much more interesting than usual!

The code was obtained by setting the printer for hexadecimal output and sending the various commands via the printer driver installed on the PC. The instructions to the printer were then printed out as shown. All I had to do was add a few bytes of code to send the various commands from the Einstein to the printer. These bytes are very similar to the start of the various GDUMP programs.

```

10 REM*** BJC4100 PRINTER DRIVER ***
15 REM*** VERSION 2.0 ***
20 REM*** FOR TC01, WRITTEN XBAS 5 *
30 REM*** DOS 2.05. TED CAWKWELL ***
40 REM*** JAN 1999 FOR EM & EDI. ***
50 REM
60 CLEAR &A000
70 CLS:COL 15,4
80 PRINT@6,2;"** BJC4100 Printer Driver ***"
90 PRINT@9,3;"_____ "
100 PRINT@6,4;"** For Einstein Computer ***"
110 PRINT@9,5;"_____ "
120 PRINT@9,6;"Ted Cawkwell Mar.1997"
130 PRINT:PRINT "This program MAY work with other Canon inkjets. Suck it and see!"
140 PRINT@8,10;CHR$(23);" Ensure Printer is ON ";CHR$(23)
150 PRINT@6,12;"1.Mode Menu"
160 PRINT@6,14;"2.Utilities"
170 PRINT@6,16;"3.Advanced Settings"
180 PRINT@6,18;"4.QUIT"
190 PRINT@12,21;"Press selection"
200 Y$=INCH$:Y=VAL(Y$):IF Y<1 OR Y>4 THEN 200
210 ON Y GOSUB 230,420,710,1460
220 GOTO 70
230 CLS
240 PRINT@ 9,2;"** BJC4100 DRIVER ***"
250 PRINT@12,3;"_____ "
260 PRINT:PRINT "LQ Mode is best as it is compatible with most programs written for
EPSON type DMPs."
270 PRINT
  
```

```

280 PRINT@11,8;"1.USA LQ"
290 PRINT@11,10;"2.USA BJ"
300 PRINT@11,12;"3.EUROPE/ASIA LQ"
310 PRINT@11,14;"4.EUROPE BJ"
320 PRINT@11,16;"5.ASIA/UK BJ"
330 PRINT@11,18;"6.QUIT"
340 PRINT@15,22;"Press choice"
350 Y$=INCH$:Y=VAL(Y$):IF Y<1 OR Y>6 THEN 350
360 IF Y=6 THEN RETURN
370 LOAD "BJCODE.OBJ"
380 POKE &A035,Y+48
390 GOSUB 1510
400 CALL &A000
410 RETURN
420 CLS:PRINT@ 8,1;"** BJC4100 UTILITIES **"
430 PRINT@11,2;"_____":PRINT
440 PRINT TAB(11);"1.Power OFF":PRINT
450 PRINT TAB(11);"2.Reset printer"
460 PRINT:PRINT TAB(11);"3.Eject page"
470 PRINT:PRINT TAB(11);"4.Test print A"
480 PRINT:PRINT TAB(11);"5.Demo print"
490 PRINT:PRINT TAB(11);"6.Nozzle check"
500 PRINT:PRINT TAB(11);"7.Change cartridge"
510 PRINT:PRINT TAB(11);"8.Clean heads"
520 PRINT:PRINT TAB(11);"9.QUIT"
530 PRINT:PRINT TAB(14);"Press choice"
540 Y$=INCH$:Y=VAL(Y$):IF Y<1 OR Y>9 THEN 540
550 IF Y=9 THEN RETURN
552 LOAD"BJCODE.OBJ"
554 GOSUB 1510
560 IF Y=1 THEN CALL &A19D
570 IF Y=2 THEN CALL &A1D2
580 IF Y=3 THEN CALL &A07E
590 IF Y=4 THEN CALL &A0B0
600 IF Y=5 THEN CALL &A03E
610 IF Y=6 THEN CALL &A0E8

```

```

620 IF Y=7 THEN CALL &A12A
630 IF Y=8 THEN CALL &A166
640 IF Y=8 THEN 680
660 RETURN
670 REM
680 CLS:INPUT "Clean how many times? (1 to 5). ";X
690 FOR J=1 TO X:CALL &A000:NEXT
700 RETURN
710 CLS
720 PRINT@ 9,1;"** BJC4100 DRIVER **"
730 PRINT@12,2;"_____"
740 PRINT:PRINT"The default permanent setup (which survives Reset & Switch Off) is:-"
750 PRINT
760 PRINT TAB(6);"Control Mode.....LQ"
770 PRINT TAB(6);"Paper size.....A4"
780 PRINT TAB(6);"Print Mode.....High Quality"
790 PRINT TAB(6);"Smoothing.....Off"
800 PRINT TAB(6);"Auto Power off.....Disabled"
810 PRINT TAB(6);"Font.....Roman"
820 PRINT TAB(6);"Code Page.....437"
830 PRINT TAB(6);"Page Length.....11 ins"
840 PRINT TAB(6);"Character Set.....Graphics"
850 PRINT TAB(6);"International Chr Set.UK"
860 PRINT TAB(6);"Automatic LF.....Off"
870 LOAD "BJSETUP2.OBJ"
880 PRINT@5,19;"Send to Printer & QUIT Y/N? ";Y$
890 PRINT@8,20;"Key 'N' to make changes"
900 Y$=INCH$:IF Y$="Y" OR Y$="y" THEN 1430
910 GOSUB 1480
920 INPUT "Change Control Mode to BJ Y/N? ";Y$
930 IF Y$="Y" OR Y$="y" THEN POKE &A15F,&42,&4A:PRINT@27,7;"BJ"
940 GOSUB 1480
950 INPUT "Change Print Mode to High Speed Y/N? ";Y$
960 IF Y$="Y" OR Y$="y" THEN POKE &A197,&53:PRINT@32,9;"Speed "
970 GOSUB 1480
980 INPUT"Smoothing ON Y/N (BC20 tank only) ";Y$

```



```

990 IF Y$="Y" OR Y$="y" THEN POKE&A1A4,&6E,&00:PRINT@27,10;"On "
1000 GOSUB 1480
1010 INPUT"Auto Power OFF (1,10,30 or 60mins) i=Disable ";Y$
1020 IF Y$="" THEN 1090
1030 Y=VAL(Y$):IF Y<1 OR Y>60 THEN 1010
1040 IF Y=1 THEN POKE&A1D4,&31,&00,&00,&00,&00,&00,&00
1050 IF Y=10 THEN POKE&A1D4,&31,&30,&00,&00,&00,&00,&00
1060 IF Y=30 THEN POKE&A1D4,&33,&30,&00,&00,&00,&00,&00
1070 IF Y=60 THEN POKE&A1D4,&36,&30,&00,&00,&00,&00,&00
1080 PRINT@27,11;Y$;" "
1090 GOSUB 1480
1100 PRINT"Font:1.Gothic 2.Courier 3.Prestige 4.Script i.Roman (NOT permanent,"
1110 INPUT" reverts to Roman) ";Y$
1120 IF Y$="" THEN 1180
1130 Y=VAL(Y$):F=Y:IF Y<1 OR Y>4 THEN PRINT@0,19;:GOTO 1100
1140 IF Y=1 THEN POKE&A0CC,&47,&6F,&74,&68,&69,&63,&00,&00:PRINT@27,12;"
Gothic"
1150 IF Y=2 THEN POKE&A0CC,&43,&6F,&75,&72,&69,&65,&72,&00:PRINT@27,12;"
Courier"
1160 IF Y=3 THEN POKE&A0CC,&50,&72,&65,&73,&74,&69,&67,&65:PRINT@27,12;"
Prestige"
1170 IF Y=4 THEN POKE&A0CC,&53,&63,&72,&69,&70,&74:PRINT@27,12;"Script"
1180 GOSUB 1480
1190 INPUT"Change Code Page? (Number or i) ";Y$
1200 IF Y$="" THEN 1230
1210 N1=VAL(LEFT$(Y$,1)):N2=VAL(MID$(Y$,2,1)):N3=VAL(RIGHT$(Y$,1))
1220 POKE &A0EC,N1+48,N2+48,N3+48:POKE
&A05B,N1+48,N2+48,N3+48:PRINT@27,13;Y$
1230 GOSUB 1480
1240 INPUT"LQ only-page length? (11,12 or 22) ";Y$
1250 IF Y$="" THEN 1280
1260 L1=VAL(LEFT$(Y$,1)):L2=VAL(RIGHT$(Y$,1))
1270 POKE &A0E0,L1+48,L2+48:PRINT@27,14;Y$
1280 GOSUB 1480
1290 INPUT"LQ only - select Italic Set Y/N? ";Y$
1300 IF Y$="Y" OR Y$="y" THEN POKE
&A11A,&49,&74,&61,&6C,&69,&63,&00,&00:PRINT@27,15;"Italic "
1310 GOSUB 1480

```

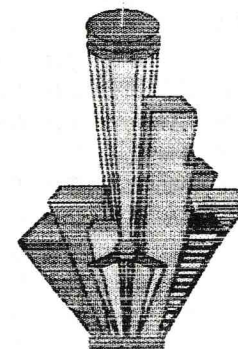
↑ = L/R (GRAPH ENTER)

```

1320 INPUT"International Set(1.USA 2.Legal i.UK)";Y$
1330 IF Y$="" THEN 1370
1340 Y=VAL(Y$):IF Y<1 OR Y>2 THEN PRINT@0,19;:GOTO 1320
1350 IF Y=1 THEN POKE&A131,&55,&53,&41:PRINT@27,16;"USA"
1360 IF Y=2 THEN POKE&A131,&4C,&65,&67,&61,&6C:PRINT@27,16;"Legal"
1370 GOSUB 1480
1380 INPUT"Change auto LF (with CR) to ON Y/N? ";Y$
1390 IF Y$="Y" OR Y$="y" THEN POKE &A067,&6E,&00:POKE &A0F8,&6E,&00:
PRINT@27,17;"On "
1400 PRINT@3,22;"Send to printer and Quit Y/N?"
1410 Y$=INCH$:REM:IF Y$="" OR Y$="n" OR Y$="N" THEN RETURN
1420 IF Y$="Y" OR Y$="y" THEN 1430 ELSE RETURN
1430 GOSUB 1510:CALL &A000
1440 IF (INP(&20)AND &1C)=16 THEN PRINT#1,CHR$(27);CHR$(107);CHR$(F
):PRINT#0
1450 PRINT@13,23;"PRINTER Set Up";:FORJ=1TO900:NEXT
1460 CLS:PRINT@12,10;"Happy Printing!"
1470 END
1480 PRINT@0,19;MUL$(" ",80);@0,21;MUL$(" ",78)
1490 PRINT@0,19;"ENTER will bypass and set default."
1500 RETURN
1510 IF (INP(&20)AND &1C)=16 THEN RETURN
1520 PRINT@6,21;CHR$(23);"PRINTER FAULT-Try Again Y/N?";CHR$(23)
1530 Y$=INCH$:IF Y$="Y" OR Y$="y" THEN RETURN
1540 GOTO 1460

```

B:SETUP2.OBJ →



BJSETUP.OBJ

0100 DB 20 E6 1C FE 10 C0 01 [f.~.@.
 0108 CB 01 21 18 A0 7E CF 9F K.!.~O.
 0110 23 0B 78 B1 20 F7 C9 00 #.x1 wI.
 0118 1B 5B 4B 02 00 00 1F 42 .[K....B
 0120 4A 4C 53 54 41 52 54 0A JLSTART.
 0128 43 6F 6E 74 72 6F 6C 4D ControlM
 0130 6F 64 65 3D 42 4A 0A 46 ode=BJ.F
 0138 6F 6E 74 3D 43 6F 75 72 ont=Cour
 0140 69 65 72 0A 50 61 67 65 ier.Page
 0148 4C 65 6E 67 74 68 3D 31 Length=1
 0150 32 0A 43 6F 64 65 50 61 2.CodePa
 0158 67 65 3D 34 33 37 0A 41 ge=437.A
 0160 75 74 6F 4C 46 3D 4F 66 utoLF=Of
 0168 66 0A 54 65 78 74 53 63 f.TextSc
 0170 61 6C 65 4D 6F 64 65 3D aleMode=
 0178 4F 66 66 0A 41 75 74 6F Off.Auto
 0180 43 52 3D 4F 66 66 0A 43 CR=Off.C
 0188 68 61 72 61 63 74 65 72 haracter
 0190 53 65 74 3D 53 65 74 32 Set=Set2
 0198 0A 41 47 4D 3D 4F 66 66 .AGM=Off
 01A0 0A 42 4A 4C 45 4E 44 0A .BJLEND.
 01A8 1B 5B 4B 02 00 00 1F 42 .[K....B
 01B0 4A 4C 53 54 41 52 54 0A JLSTART.
 01B8 43 6F 6E 74 72 6F 6C 4D ControlM
 01C0 6F 64 65 3D 4C 51 0A 46 ode=LQ.F
 01C8 6F 6E 74 3D 52 6F 6D 61 ont=Roma
 01D0 6E 0A 00 00 00 50 61 67 n....Pag
 01D8 65 4C 65 6E 67 74 68 3D eLength=
 01E0 31 31 0A 43 6F 64 65 50 11.CodeP
 01E8 61 67 65 3D 34 33 37 0A age=437.
 01F0 41 75 74 6F 4C 46 3D 4F AutoLF=O
 01F8 66 66 0A 54 65 78 74 53 ff.TextS
 0200 63 61 6C 65 4D 6F 64 65 caleMode
 0208 3D 4F 66 66 0A 43 68 61 =Off.Cha
 0210 72 61 63 74 65 72 53 65 racterSe
 0218 74 3D 47 72 61 70 68 69 t=Graphi
 0220 63 73 0A 49 6E 74 65 72 cs.Inter
 0228 6E 61 74 69 6F 6E 61 6C national
 0230 3D 55 4B 00 00 00 00 0A =UK.....
 0238 42 4A 4C 45 4E 44 0A 1B BJLEND..
 0240 5B 4B 02 00 00 1F 42 4A [K....BJ

N.B. WHEN LOADED THE LOCATIONS IN THE L-HAND COLUMN
 WILL START AT ADDA.

0248 4C 53 54 41 52 54 0A 40 LSTART.@
 0250 53 65 74 43 6F 6E 74 72 SetContr
 0258 6F 6C 4D 6F 64 65 3D 4C olMode=L
 0260 51 0A 42 4A 4C 45 4E 44 Q.BJLEND
 0268 0A 1B 5B 4B 02 00 00 1F ..[K....
 0270 42 4A 4C 53 54 41 52 54 BJLSTART
 0278 0A 43 6F 6E 74 72 6F 6C .Control
 0280 4D 6F 64 65 3D 43 6F 6D Mode=Com
 0288 6D 6F 6E 0A 50 72 69 6E mon.Prin
 0290 74 4D 6F 64 65 3D 48 51 tMode=HQ
 0298 0A 53 6D 6F 6F 74 68 69 .Smoothi
 02A0 6E 67 3D 4F 66 66 0A 50 ng=Off.P
 02A8 61 70 65 72 53 65 6C 65 aperSele
 02B0 63 74 3D 41 34 0A 49 2F ct=A4.I/
 02B8 44 2D 42 75 66 66 65 72 D-Buffer
 02C0 3D 49 6E 70 75 74 0A 41 =Input.A
 02C8 75 74 6F 50 6F 77 65 72 utoPower
 02D0 4F 66 66 3D 44 69 73 61 Off=Disa
 02D8 62 6C 65 0A 42 4A 4C 45 ble.BJLE
 02E0 4E 44 0A ND.

BJCODE.OBJ

0100 DB 20 E6 1C FE 10 C0 06 [f.~.@.
 0108 2A 21 14 A0 7E CF 9F 23 *!.~O.#
 0110 10 FA 00 C9 1B 5B 4B 02 .z.I.[K.
 0118 00 00 1F 42 4A 4C 53 54 ...BJLST
 0120 41 52 54 0A 40 49 6E 69 ART.@Ini
 0128 74 69 61 6C 69 7A 65 3D tialize=
 0130 54 61 62 6C 65 33 0A 42 Table3.B
 0138 4A 4C 45 4E 44 0A DB 20 JLEND.[
 0140 E6 1C FE 10 C0 06 2C 21 f.~.@.,!
 0148 52 A0 7E CF 9F 23 10 FA R~O.#.z
 0150 00 C9 1B 5B 4B 02 00 00 .I.[K...
 0158 1F 42 4A 4C 53 54 41 52 .BJLSTAR
 0160 54 0A 40 54 65 73 74 50 T.@TestP
 0168 72 69 6E 74 3D 44 65 6D rint=Dem
 0170 6F 50 72 69 6E 74 0A 42 oPrint.B
 0178 4A 4C 45 4E 44 0A DB 20 JLEND.[
 0180 E6 1C FE 10 C0 06 1E 21 f.~.@...!
 0188 92 A0 7E CF 9F 23 10 FA .~O.#.z
 0190 00 C9 1B 5B 4B 02 00 00 .I.[K...
 0198 1F 42 4A 4C 53 54 41 52 .BJLSTAR
 01A0 54 0A 40 45 6A 65 63 74 T.@Eject


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01A8 0A 42 4A 4C 45 4E 44 0A .BJLEND.
01B0 DB 20 E6 1C FE 10 C0 06 [ f.~.@.
01B8 24 21 C4 A0 7E CF 9F 23 $!D ~O.#
01C0 10 FA 00 C9 1B 5B 4B 02 .z.I.[K.
01C8 00 00 1F 42 4A 4C 53 54 ...BJLST
01D0 41 52 54 0A 40 54 65 73 ART.@Tes
01D8 74 50 72 69 6E 74 3D 41 tPrint=A
01E0 0A 42 4A 4C 45 4E 44 0A .BJLEND.
01E8 DB 20 E6 1C FE 10 C0 06 [ f.~.@.
01F0 2E 21 FC A0 7E CF 9F 23 .!| ~O.#
01F8 10 FA 00 C9 1B 5B 4B 02 .z.I.[K.
0200 00 00 1F 42 4A 4C 53 54 ...BJLST
0208 41 52 54 0A 40 54 65 73 ART.@Tes
0210 74 50 72 69 6E 74 3D 4E tPrint=N
0218 6F 7A 7A 6C 65 43 68 65 ozzleChe
0220 63 6B 0A 42 4A 4C 45 4E ck.BJLEN
0228 44 0A DB 20 E6 1C FE 10 D.[ f.~.
0230 C0 06 28 21 3E A1 7E CF @.(!>!~O
0238 9F 23 10 FA 00 C9 1B 5B .#.z.I.[
0240 4B 02 00 00 1F 42 4A 4C K....BJL
0248 53 54 41 52 54 0A 40 43 START.@C
0250 68 61 6E 67 65 54 61 6E hangeTan
0258 6B 3D 43 4D 59 4B 0A 42 k=CMYK.B
0260 4A 4C 45 4E 44 0A DB 20 JLEND.[
0268 E6 1C FE 10 C0 06 23 21 f.~.@.#!
0270 7A A1 7E CF 9F 23 10 FA z!~O.#.z
0278 00 C9 1B 5B 4B 02 00 00 .I.[K...
0280 1F 42 4A 4C 53 54 41 52 .BJLSTAR
0288 54 0A 40 43 6C 65 61 6E T.@Clean
0290 69 6E 67 3D 31 0A 42 4A ing=1.BJ
0298 4C 45 4E 44 0A DB 20 E6 LEND.[ f
02A0 1C FE 10 C0 06 21 21 B1 .~.@.!!!
02A8 A1 7E CF 9F 23 10 FA 00 !~O.#.z.
02B0 C9 1B 5B 4B 02 00 00 1F I.[K....
02B8 42 4A 4C 53 54 41 52 54 BJLSTART
02C0 0A 40 50 6F 77 65 72 4F .@PowerO
02C8 66 66 0A 42 4A 4C 45 4E ff.BJLEN
02D0 44 0A DB 20 E6 1C FE 10 D.[ f.~.
02D8 C0 06 1E 21 E6 A1 7E CF @...!f!~O
02E0 9F 23 10 FA 00 C9 1B 5B .#.z.I.[
02E8 4B 02 00 00 1F 42 4A 4C K....BJL
02F0 53 54 41 52 54 0A 40 52 START.@R
02F8 65 73 65 74 0A 42 4A 4C eset.BJL
0300 45 4E 44 0A D0 E6 5F C9 END.Pf_I

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The one thing that we very definitely have to tidy up this time round is what we are going to do about Ted's very sad and distressing news on page 12.

Ted was very unsure of his ability at first, but he has proved to be the superb editor that I knew he would be. He has seen us into the 21st century, and is very sad that he can't edit issue No.100, which he was very much looking forward to. With the master sheets for this issue he enclosed a note, saying

"Dear Tony, This is a sad day for me. I think my editorial says it all. I have greatly enjoyed my association with the Einstein and never cease to be amazed at the amount of juice that can be squeezed out of a 16 yr old computer. I may still be able to manage the odd article, but I really can't promise even that. Yours ever, Ted."

We now have a major problem. Ted is no longer able to edit the mag, or provide the quite considerable input that he has been contributing lately. I am functioning again at very low efficiency, and it will be months, maybe years, before the damage to my nerve system repairs itself. I am struggling to deal with a difficult planning appeal that is fast running out of time, and enmeshed in the complex process of setting up an educational charity that I can't hand over to anyone else. I can just about cope with printing, collating and delivering the church magazines for six local parishes plus E.M., but trying to edit the Einstein Mag as well would be too much to promise if you want it out with any regularity or reliability. In any event I am quite unable to provide more than an odd page or two of editorial comment, and general self-expression on mainly non-Einstein matters. I don't even use one!

Failing all else I could put out an occasional newsletter if anyone has anything to contribute, but what we need is a willing volunteer, PRONTO!

SUPPLEMENT TO EINSTEIN MAGAZINE No.96
VACANCY NOTICE - MAGAZINE EDITOR
~~~~~

As you will have read in the enclosed magazine issue, Ted Cawkwell is unable to act as editor for us any longer due to serious health problems. I am grossly overloaded myself, and barely functional as a result of a painfully bad attack of Shingles. The permanent damage that this does to your nerve system can take months -- or at my age, years -- to repair itself after the main attack subsides, and it can flare up again without any provocation.

If the magazine is to continue other than on a very sporadic and occasional basis, probably with a lot of non-Einstein content, a new volunteer editor is an immediate and imperative necessity. Ted may be able to help and advise a complete novice at the job to a small extent, but the main requirements are an ability to read and write, and a willingness to use whatever computer experience, knowledge and kit you have (or that we can provide for you from Ted's setup or elsewhere) to assemble what you & other users have (or can be persuaded) to say about every aspect of Einstein Computing and life in the 21st century, in a form that Tony can reproduce in bulk at his Steam Printing Works.

If you know nothing at all about computing or computers beyond how to switch your computer on -- or if even that gets you confused!!! -- YOU are still just the person we need. There are plenty of other members who will help, encourage and hand-hold you until you get the hang of it and learn to be a really superb editor like Ted has been for us once he got over his lack of confidence. And if I'm wrong about that, they've got no right to criticise your best unaided efforts anyway!!!

If you are into using, programming or fettling up your computer, and can write most of the content yourself when others forget to post their input to you, that's good too; but it's up to members as a whole to support EM with their input, or to put up with whatever we use to fill the blank pages with.

SUPPLEMENT TO EINSTEIN MAGAZINE No.96  
VACANCY NOTICE - MAGAZINE CONTRIBUTORS  
~~~~~

Not only do we have an immediate vacancy for a magazine editor -- previous experience desirable, but quite frankly we'll welcome anyone at all who's willing to take it on -- but so far as I understand from Ted, there's nothing at all in the pipeline waiting to be published, so we also have immediate and urgent vacancies for experienced and novice magazine contributors, on either an occasional or a regular basis -- or both!

We'd prefer input on using, programming or fettling up Einstein computers, but quite frankly we'll willingly accept input about any computer or electronic topic, any aspect of your own non-computing life that may interest at least one other member, or more or less anything at all that will fill up blank pages without getting us thrown into jail for printing and publishing it.

What are the pay and conditions like?

Well, you'll work from home and arrange your own working hours, so the conditions are pretty good -- and the perks are fantastic!

As for the pay, the church mice that run things around here tell me that there may be a few old buttons or even a drachma or two in the depths of the collection box, set solid in old chewing gum, so all we can offer in lieu of pay is to credit the subs of the editor when they fall due -- a crafty move so the editor can't escape by sort of "forgetting" to renew his subs! -- and we credit one magazine issue on each contributor's account for each item of theirs that we publish in the magazine. So you don't get to be very rich --
-- BUT YOU DO GET TO BE FAMOUS !!!

PLEASE DO RESPOND, TODAY. TED WILL BE ABSOLUTELY HEART-BROKEN IF AS A RESULT OF HIS HAVING TO STEP DOWN, WE CAN'T MAKE IT TO ISSUE No.100 AND BEYOND.