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10 REM
20 REM      Amsquill 1.0
30 REM
40 REM (C)1985 Justin Moffitt
50 REM
60 REM Editor
70 INK 0,13:BORDER 13:INK 1,26:CALL &BFF9,&C9,&1CED,&CF00:SYMBOL AFTER 127:SYMBOL
L 128,255,129,129,129,129,129,129,255:SYMBOL 170,0,3,51,99,254,96,48,0
80 SPEED KEY 10,1:KEY DEF 6,1,13,13,13:KEY DEF 16,1,233,233,237:KEY DEF 38,1,109
,77,169:KEY DEF 66,1,168,168,168:KEY DEF 68,1,23,23,23:KEY DEF 70,1,169,169,170:
KEY DEF 79,1,232,232,236
90 MODE 2:LOCATE 1,1:PRINT CHR$(150)STRING$(17,CHR$(154))CHR$(156)" "CHR$(150)ST
RING$(38,CHR$(154))CHR$(156)" "CHR$(150)STRING$(17,CHR$(154))CHR$(156)
100 LOCATE 1,2:PRINT CHR$(149)" A M S Q U I L L "CHR$(149)" "CHR$(149)SPC(38)CHR
$(149)" "CHR$(149)SPC(17)CHR$(149)
110 LOCATE 1,3:PRINT CHR$(147)STRING$(17,CHR$(154))CHR$(153)" "CHR$(147)STRING$(
38,CHR$(154))CHR$(153)" "CHR$(147)STRING$(17,CHR$(154))CHR$(153)
120 WINDOW #1,1,80,6,21:IF file=0 THEN 2300 ELSE 2330
130 LOCATE 23,2:PRINT SPACE$(8)"Line:"SPACE$(5)"Column:  ":LOCATE 1,5:PRINT "...
.....1.....2.....3.....4.....5.....6.....7.....8":L
OCATE 64,2:PRINT SPACE$(15):LOCATE 64,2:PRINT I$
140 g$="OFF":h$="OFF":j$="OFF":k$="OFF":l%=1:c%=1:r%=1:lm%=1:rm%=80:ctrl=0:wrap=
0:cloc=0:sloc=0:POKE 46311,0:POKE 46312,0
150 LOCATE 1,23:PRINT STRING$(20,"_"):LOCATE 31,23:PRINT STRING$(20,"_"):LOCATE
61,23:PRINT STRING$(20,"_")
160 LOCATE 1,24:PRINT CHR$(24)" CONTROL LOCK : "g$":LOCATE 31,24:PRINT "  WOR
D WRAP : "h$":LOCATE 61,24:PRINT "  Press CTRL and U  ";
170 PRINT " SHIFTED LOCK : "j$":LOCATE 31,25:PRINT "  CAPS LOCK : "k$":LOCATE 61,25:PRINT "
for HELP "CHR$(24);
180 LOCATE lm%,22:PRINT CHR$(246):LOCATE rm%,22:PRINT CHR$(247)
190 IF ret=1 THEN 2470 ELSE LOCATE 36,2:PRINT l%:LOCATE 48,2:PRINT c%
200 LOCATE #1,c%,r%:PRINT #1,CHR$(24)MID$(text$(l%),c%,1)CHR$(24)
210 LOCATE 1,1:PRINT CHR$(21):a$="":WHILE a$="":a$=INKEY$:WEND:PRINT CHR$(6):LOC
ATE #1,c%,r%:PRINT #1,MID$(text$(l%),c%,1)
220 IF ctrl=1 THEN 2430
230 IF a$>CHR$(31) AND a$<CHR$(127) THEN 2200
240 IF a$=CHR$(13) OR a$=CHR$(241) OR a$=CHR$(245) THEN 1940
250 IF a$=CHR$(168) THEN 2460
260 IF a$=CHR$(224) THEN LOCATE 23,2:PRINT "  Clear present text file (Y/N)?":a
$="":WHILE a$<>"Y" AND a$<>"N":a$=INKEY$:a$=UPPER$(a$):WEND:IF a$="Y" THEN 2290
ELSE LOCATE 23,2:PRINT SPACE$(8)"LINE:      Column:"SPACE$(11):GOTO 190
270 IF a$=CHR$(246) THEN 1880
280 IF a$=CHR$(247) THEN 1820

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290 IF a$=CHR$(240) OR a$=CHR$(244) THEN 2100
300 IF a$=CHR$(242) THEN 2130
310 IF a$=CHR$(243) THEN 2170
320 IF a$=CHR$(250) THEN c%=1m%:GOTO 190
330 IF a$=CHR$(251) THEN c%=rm%:GOTO 190
340 IF a$=CHR$(248) THEN l%=l%-r%+1:r%=1:c%=1m%:GOTO 190
350 IF a$=CHR$(249) THEN l%=l%+15-r%:r%=15:c%=rm%:GOTO 190
360 IF l%=tb% OR l%=bb% THEN 190
370 IF tb%>0 OR bb%>0 THEN 460
380 a=ASC(a$)
390 ON a GOTO 1650,1100,1690,1640,1560,1210,1180,1230,180,1490,1320,1430,180,990
,720,640,1560,470,1660,660,750,180,1750,1710,690,1670
400 IF a$=CHR$(169) THEN 480
410 IF a$=CHR$(170) THEN 550
420 IF a$=CHR$(232) THEN 1740
430 IF a$=CHR$(233) THEN 1720
440 IF a$=CHR$(236) THEN 580
450 IF a$=CHR$(237) THEN 510 ELSE GOTO 190
460 IF a$=CHR$(3) OR a$=CHR$(24) OR a$=CHR$(26) THEN 190 ELSE 380
470 a$=CHR$(170):GOTO 2200
480 IF cloc=0 THEN cloc=1:k$="ON ":POKE 46312,255:GOTO 500
490 cloc=0:k$="OFF":POKE 46312,0
500 LOCATE 46,25:PRINT CHR$(24)+k$+CHR$(24):GOTO 190
510 FOR f=200 TO l%+1 STEP -1:MID$(text$(f),1m%,rm%-1m%+1)=MID$(text$(f-1),1m%):
NEXT:MID$(text$(l%),1m%)=SPACE$(rm%-1m%+1):WINDOW #2,1m%,rm%,r%+6,21:PRINT #2,CH
R$(11):LOCATE #1,1,r%:PRINT #1,text$(l%)text$(l%+1):LOCATE 1,21:PRINT SPACE$(80
);
520 IF l%<=tb% AND l%<200 THEN tb%=tb%+1
530 IF l%<=bb% AND l%<200 THEN bb%=bb%+1
540 GOTO 190
550 IF sloc=0 THEN sloc=1:j$="ON ":POKE 46311,255:GOTO 570
560 sloc=0:j$="OFF":POKE 46311,0
570 LOCATE 17,25:PRINT CHR$(24)+j$+CHR$(24):GOTO 190
580 FOR f=1% TO 199:MID$(text$(f),1m%,rm%-1m%+1)=MID$(text$(f+1),1m%):NEXT:MID$(
text$(200),1m%)=SPACE$(rm%-1m%+1):WINDOW #2,1m%,rm%,r%+6,21:LOCATE #2,1,21-r%:PR
INT #2:LOCATE #1,1,r%:PRINT #1,text$(1%):LOCATE #1,1,15:PRINT #1,text$(1%-r%+15)
590 IF l%=tb% THEN tb%=0
600 IF l%=bb% THEN bb%=0
610 IF l%<tb% THEN tb%=tb%-1
620 IF l%<bb% THEN bb%=bb%-1
630 GOTO 190
640 IF (l%-r%)+16=201 THEN 190
650 LOCATE #1,1,16:PRINT #1,CHR$(10):LOCATE #1,1,15:PRINT #1,text$(1%-r%+16):l%=
l%+1:GOTO 190
660 IF ctrl=0 THEN ctrl=1:g$="ON ":GOTO 680
670 ctrl=0:g$="OFF"
680 LOCATE 17,24:PRINT CHR$(24)+g$+CHR$(24):GOTO 190
690 IF wrap=0 THEN wrap=1:h$="ON ":GOTO 710
700 wrap=0:h$="OFF"
710 LOCATE 46,24:PRINT CHR$(24)+h$+CHR$(24):GOTO 190
720 IF l%-r%=0 THEN 190
730 LOCATE #1,1,1:PRINT #1,CHR$(11):LOCATE #1,1,1:PRINT #1,text$(l%-r%):l%=l%-1
740 LOCATE 1,21:PRINT SPACE$(80):GOTO 190
750 LOCATE 23,2:PRINT " Amsquill HELP page. ":WINDOW #2,1,80,4,22
:CLS #2
760 g=l%-r%+1
770 WINDOW SWAP 2,0:PRINT STRING$(20,"_")SPC(10)STRING$(20,"_")SPC(10)STRING$(20
,"_")SPC(10)
780 LOCATE 1,2:PRINT CHR$(24)+" BLOCKS ":LOCATE 31,2:PRINT " CONTROL
CHARACTERS ":LOCATE 61,2:PRINT " SCROLLING "CHR$(24)
790 LOCATE 1,4:PRINT "J. Set top marker. "SPC(10)CHR$(135)" Enlarged "C
HR$(136)SPC(10)"D. Scroll down line.";
800 PRINT "L. Set end marker. "SPC(10)CHR$(134)" Condensed "CHR$(137)SPC
(10)"P. Scroll up line."
810 PRINT "K. Reset markers. "SPC(10)CHR$(133)" Underline "CHR$(138)SPC
(10)STRING$(20,"_");
820 PRINT "G. Clear block. "SPC(10)CHR$(132)" Italics "CHR$(139)SPC
(10)CHR$(24) " FORMATTING "CHR$(24);
830 PRINT "H. Block to upper. "SPC(10)CHR$(131)" Emphasised "CHR$(140)
840 PRINT "F. Block to lower. "SPC(10)CHR$(130)" Double strike "CHR$(141)SPC
(10)"Q. Left justify."
850 PRINT "N. Copy block. "SPC(10)CHR$(129)" Elite "CHR$(142)SPC
(10)"E. Right justify."
860 PRINT "B. Delete block. "SPC(10)CHR$(128)" Proportional "CHR$(143)SPC
(10)"W. Centre line."
870 PRINT STRING$(20,"_")SPC(10)CHR$(144)" Form feed "{?C(10)STRING$(20,
"_");
880 PRINT CHR$(24) " LINE EDITING "CHR$(24)SPC(10)"T. Ctrl lock on/off."SPC
(10)CHR$(24) " WORD WRAP "CHR$(24);
890 PRINT SPC(30)STRING$(20,"_")
900 PRINT "d. Delete line. "SPC(10)CHR$(24)" MARGINS "CHR$(24)SPC
(10)"Y. Word wrap on/off.";
910 PRINT "c. Insert line. "SPC(40)STRING$(20,"_");
920 PRINT "S. Clear line. "SPC(10)"Z. Set left margin. "SPC(10)CHR$(24)"
MAIN MENU "CHR$(24);
930 PRINT "A. Clear to start. "SPC(10)"C. Set right margin."
940 PRINT "D. Clear to end. "SPC(10)"X. Reset margins. "SPC(10)"e. Call mai
n menu."
950 WINDOW SWAP 0,2:a$="":WHILE a$="":a$=INKEY$:WEND
960 CLS #2:FOR f=g TO g+14:LOCATE #1,1,f-g+1:PRINT #1,text$(f):NEXT
970 LOCATE 23,2:PRINT " Line: Column: ":LOCATE 1,5:PRINT ".....1
.....2.....3.....4.....5.....6.....7.....8"
980 LOCATE 1m%,22:PRINT CHR$(246):LOCATE rm%,22:PRINT CHR$(247):GOTO 190
990 IF tb%=0 OR bb%=0 THEN 190
1000 h=l%+bb%-tb%:IF h>200 THEN h=201
1010 IF h=tb% THEN 190
1020 IF h>tb% THEN IF h<bb% THEN 190
1030 IF l%>tb% THEN IF l%<bb% THEN 190
1040 MID$(text$(l%),1m%,rm%-1m%+1)=tb$+MID$(text$(tb%),1m%+1):MID$(text$(h),1m%)
=MID$(text$(bb%),1m%,rm%-1m%)+bb$
1050 FOR f=l%+1 TO h-1:MID$(text$(f),1m%,rm%-1m%+1)=MID$(text$(tb%+f-1%),1m%):NE
XT
1060 MID$(text$(tb%),1m%,1)=CHR$(245):MID$(text$(bb%),rm%,1)=CHR$(244)
1070 h=r%+bb%-tb%+1:IF h>15 THEN h=15
1080 g=r%-1:IF g<1 THEN g=1
1090 FOR f=g TO h:LOCATE #1,1m%,f:PRINT #1,MID$(text$(l%-r%+f),1m%,rm%-1m%+1):NE
XT:GOTO 190
1100 IF tb%=0 OR bb%=0 THEN 190
1110 FOR f=tb% TO 200-(bb%-tb%):MID$(text$(f),1m%,rm%-1m%+1)=MID$(text$(f+bb%-tb
%+1),1m%):NEXT:FOR f=201-(bb%-tb%+1) TO 200:MID$(text$(f),1m%)=SPACE$(rm%-1m%+1)
:NEXT

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1120 tb$=MID$(text$(tb%),1m%,1):bb$=MID$(text$(bb%),rm%,1):MID$(text$(tb%),1m%,1
)=CHR$(245):MID$(text$(bb%),rm%,1)=CHR$(244)
1130 FOR f=1 TO 15:IF 1%-r%+f=tb% THEN 1170 ELSE NEXT
1140 IF tb%<1%-r%+1 THEN 1160
1150 GOTO 190
1160 f=1
1170 FOR g=f TO 15:LOCATE #1,1m%,g:PRINT #1,MID$(text$(1%-r%+g),1m%,rm%-1m%+1):N
EXT:GOTO 190
1180 IF tb%=0 OR bb%=0 THEN 190
1190 MID$(text$(tb%),1m%+1)=SPACE$(rm%-1m%):MID$(text$(bb%),1m%)=SPACE$(rm%-1m%)
1200 tb$=" ":bb$=" ":FOR f=tb%+1 TO bb%-1:MID$(text$(f),1m%)=SPACE$(rm%-1m%+1):N
EXT:GOTO 1250
1210 IF tb%=0 OR bb%=0 THEN 190
1220 tb$=LOWER$(tb$):bb$=LOWER$(bb$):FOR f=tb% TO bb%:MID$(text$(f),1m%)=LOWER$(
MID$(text$(f),1m%,rm%-1m%+1)):NEXT:GOTO 1250
1230 IF tb%=0 OR bb%=0 THEN 190
1240 tb$=UPPER$(tb$):bb$=UPPER$(bb$):FOR f=tb% TO bb%:MID$(text$(f),1m%)=UPPER$(
MID$(text$(f),1m%,rm%-1m%+1)):NEXT
1250 FOR f=1 TO 15:IF 1%-r%+f=tb% THEN 1290 ELSE NEXT
1260 IF tb%<1%-r%+1 THEN 1280
1270 GOTO 190
1280 f=1
1290 FOR g=1 TO 15:IF 1%-r%+g=bb% THEN 1310 ELSE NEXT
1300 g=15
1310 FOR h=f TO g:LOCATE #1,1,h:PRINT #1,text$(1%-r%+h):NEXT:GOTO 190
1320 IF bb%=0 AND tb%=0 THEN 190
1330 IF tb%>0 THEN 1360
1340 IF bb%>0 THEN 1380
1350 GOTO 1400
1360 MID$(text$(tb%),1m%,1)=tb$:FOR f=1 TO 15:IF 1%-r%+f=tb% THEN 1410 ELSE NEXT
1370 GOTO 1340
1380 MID$(text$(bb%),rm%,1)=bb$:FOR g=1 TO 15:IF 1%-r%+g=bb% THEN 1420 ELSE NEXT
1390 GOTO 1350
1400 bb%=0:tb%=0:tb$="":bb$="":GOTO 190
1410 LOCATE #1,1m%,f:PRINT #1,tb$:GOTO 1340
1420 LOCATE #1,rm%,g:PRINT #1,bb$:GOTO 1350
1430 IF tb%>1% THEN 190
1440 IF bb%>0 THEN 1460
1450 bb%=1%:bb$=MID$(text$(1%),rm%,1):LOCATE #1,rm%,r%:PRINT #1,CHR$(244):MID$(t
ext$(1%),rm%,1)=CHR$(244):GOTO 190
1460 FOR f=1 TO 15 STEP 1:IF 1%-r%+f=bb% THEN 1480 ELSE NEXT
1470 MID$(text$(bb%),rm%,1)=bb$:GOTO 1450
1480 LOCATE #1,rm%,f:PRINT #1,bb$:MID$(text$(1%-r%+f),rm%,1)=bb$:GOTO 1450
1490 IF bb%=0 THEN 1510
1500 IF bb%<1% THEN 190
1510 IF tb%>0 THEN 1530
1520 tb%=1%:tb$=MID$(text$(1%),1m%,1):LOCATE #1,1m%,r%:PRINT #1,CHR$(245):MID$(t
ext$(1%),1m%,1)=CHR$(245):GOTO 190
1530 FOR f=1 TO 15 STEP 1:IF 1%-r%+f=tb% THEN 1550 ELSE NEXT
1540 MID$(text$(tb%),1m%,1)=tb$:GOTO 1520
1550 LOCATE #1,1m%,f:PRINT #1,tb$:MID$(text$(1%-r%+f),1m%,1)=tb$:GOTO 1520
1560 IF MID$(text$(1%),1m%,rm%-1m%)=SPACE$(rm%-1m%) THEN 190
1570 FOR f=1m% TO rm%:IF MID$(text$(1%),f,1)=" " THEN NEXT ELSE 1580
1580 FOR g=rm% TO 1m% STEP -1:IF MID$(text$(1%),g,1)=" " THEN NEXT ELSE 1590
1590 h=g-f+1:IF h=rm%-1m%+1 THEN 190
1600 IF a$=CHR$(17) THEN 1630
1610 cen$=MID$(text$(1%),f,h):MID$(text$(1%),f,h)=SPACE$(rm%-1m%):h=rm%-LEN(cen$
):MID$(text$(1%),h+1,LEN(cen$))=cen$:c%=rm%+1:LOCATE #1,1,r%:PRINT #1,text$(1%)
1620 IF c%>rm% THEN 1810 ELSE 190
1630 cen$=MID$(text$(1%),f,h):MID$(text$(1%),f,h)=SPACE$(rm%-1m%):MID$(text$(1%)
,1m%,LEN(cen$))=cen$:c%=1m%+LEN(cen$):LOCATE #1,1,r%:PRINT #1,text$(1%):GOTO 162
0
1640 MID$(text$(1%),c%)=SPACE$(rm%-c%+1):LOCATE #1,1,r%:PRINT #1,text$(1%):GOTO
190
1650 MID$(text$(1%),1m%)=SPACE$(c%-1m%+1):LOCATE #1,1,r%:PRINT #1,text$(1%):GOTO
190
1660 MID$(text$(1%),1m%)=SPACE$(rm%-1m%+1):LOCATE #1,1,r%:PRINT #1,text$(1%):GOT
O 190
1670 IF c%=rm% THEN 190
1680 LOCATE 1m%,22:PRINT " ":1m%=c%:GOTO 180
1690 IF c%=1m% THEN 190
1700 LOCATE rm%,22:PRINT " ":rm%=c%:GOTO 180

1710 LOCATE 1,22:PRINT SPACE$(80):1m%=1:rm%=80:GOTO 180
1720 IF MID$(text$(1%),rm%,1)=" " THEN 1730 ELSE 190
1730 g=rm%-c%:MID$(text$(1%),c%+1,g)=MID$(text$(1%),c%):MID$(text$(1%),c%)=" ":L
OCATE #1,1,r%:PRINT #1,text$(1%):GOTO 190
1740 g=rm%-c%:MID$(text$(1%),c%,g)=MID$(text$(1%),c%+1):MID$(text$(1%),rm%,1)="
":LOCATE #1,1,r%:PRINT #1,text$(1%):GOTO 190
1750 IF MID$(text$(1%),1m%,rm%-1m%)=SPACE$(rm%-1m%) THEN 190
1760 FOR f=1m% TO rm%:IF MID$(text$(1%),f,1)=" " THEN NEXT ELSE 1770
1770 FOR g=rm% TO 1m% STEP -1:IF MID$(text$(1%),g,1)=" " THEN NEXT ELSE 1780
1780 h=g-f+1:IF h>rm%-1m%-1 THEN 190
1790 cen$=MID$(text$(1%),f,h):MID$(text$(1%),f,h)=SPACE$(rm%-1m%):h=((1m%+rm%)/2
)-(LEN(cen$)/2):MID$(text$(1%),h,LEN(cen$))=cen$:c%=h+LEN(cen$):LOCATE #1,1,r%:P
RINT #1,text$(1%)
1800 IF c%>rm% THEN 1810 ELSE 190
1810 a$=CHR$(13):GOTO 1940
1820 FOR f=c%+1 TO rm%:IF MID$(text$(1%),f,1)=" " THEN 1830 ELSE NEXT:GOTO 1840
1830 c%=f:GOTO 190
1840 c%=1m%-1:1%=1%+1:r%=r%+1:IF 1%=251 THEN 1870
1850 IF r%>15 THEN 1860 ELSE 1820
1860 LOCATE #1,1,16:PRINT #1,CHR$(10):LOCATE #1,1,15:PRINT #1,text$(1%):r%=15:GO
TO 1820
1870 1%=200:r%=r%-1:c%=rm%:GOTO 190
1880 FOR f=c%-1 TO 1m% STEP -1:IF MID$(text$(1%),f,1)=" " THEN 1890 ELSE NEXT:GO
TO 1900
1890 c%=f:GOTO 190
1900 c%=rm%+1:1%=1%-1:r%=r%-1:IF 1%=0 THEN 1930
1910 IF r%<1 THEN 1920 ELSE 1880
1920 LOCATE #1,1,1:PRINT #1,CHR$(11):LOCATE #1,1,1:PRINT #1,text$(1%):r%=1:LOCAT
E 1,21:PRINT SPACE$(80):GOTO 1880
1930 r%=1:1%=1:c%=1m%:GOTO 190
1940 IF a$=CHR$(13) THEN c%=1m%
1950 IF 1%=200 THEN 190
1960 1%=1%+1:r%=r%+1:IF r%>15 THEN 2080
1970 IF lw=1 THEN 1990
1980 IF lw=1 THEN 2160 ELSE 190
1990 LOCATE #1,1m%,r%:PRINT #1,CHR$(24)MID$(text$(1%),1m%,1)CHR$(24)
2000 a$="":WHILE a$="":a$=INKEY$:WEND

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2010 IF a$>CHR$(32) AND a$<CHR$(127) THEN 2030
2020 lw=0:GOTO 1980
2030 FOR f=rm% TO lm% STEP -1:IF MID$(text$(1%-1),f,1)=" " THEN 2040 ELSE NEXT
2040 IF f=lm% OR f=lm%-1 OR f=rm% THEN 1980
2050 f=f+1:MID$(text$(1%),lm%)=MID$(text$(1%-1),f,rm%+1-f):MID$(text$(1%-1),f)=S
PACE$(rm%+1-f)
2060 LOCATE #1,1,r%-1:PRINT #1,text$(1%-1);text$(1%);
2070 c%=lm%+(rm%+1-f):GOTO 1980
2080 LOCATE #1,1,16:PRINT #1,CHR$(10):LOCATE #1,1,15:PRINT #1,text$(1%):r%=15
2090 IF lw=1 THEN 1970 ELSE 190
2100 IF 1%=1 THEN 190
2110 1%=1%-1:r%=r%-1:IF r%<1 THEN 2120 ELSE 190
2120 LOCATE #1,1,1:PRINT #1,CHR$(11):LOCATE #1,1,1:PRINT #1,text$(1%):r%=1:LOCAT
E 1,21:PRINT SPACE$(80):GOTO 190
2130 IF 1%=1 AND c%=lm% THEN 190
2140 c%=c%-1:IF c%=lm%-1 THEN 2150 ELSE 190
2150 c%=rm%:GOTO 2110
2160 lw=0:GOTO 220
2170 IF 1%=200 AND c%=rm% THEN 190
2180 c%=c%+1:IF c%=rm%+1 THEN 2190 ELSE 190
2190 a$=CHR$(13):GOTO 1940
2200 IF MID$(text$(1%),c%,1)=CHR$(245) OR MID$(text$(1%),c%,1)=CHR$(244) THEN 22
60
2210 MID$(text$(1%),c%,1)=a$:LOCATE #1,c%,r%:PRINT #1,a$
2220 a$=CHR$(13):c%=c%+1:IF c%=rm%+1 THEN 2230 ELSE 190
2230 IF wrap=1 THEN lw=1
2240 IF 1%<200 THEN c%=rm%:GOTO 1940
2250 c%=rm%:GOTO 190
2260 IF MID$(text$(1%),c%,1)=CHR$(245) THEN 2280
2270 bb$=a$:GOTO 2220
2280 tb$=a$:GOTO 2220
2290 file=0:WINDOW #2,1,80,5,25:CLS #2
2300 CLEAR:CALL &BFF9,&C9,&1CED,&CF00
2310 l=2:c=34:le=15:LOCATE 23,2:PRINT "Filename ?"SPC(24):GOSUB 2340:IF i$="" TH
EN 2310
2320 file=1:DIM text$(201):FOR f=1 TO 201:text$(f)=SPACE$(80):NEXT:GOTO 130
2330 FOR f=1 TO 15:LOCATE #1,1,f:PRINT #1,text$(f):NEXT:GOTO 130
2340 i$="":POKE 46311,0:POKE 46312,255:FOR g=1 TO le+2:LOCATE c,1:PRINT "_"
2350 a$="":WHILE a$="":a$=INKEY$:WEND
2360 IF a$=CHR$(13) THEN 2420
2370 IF a$=CHR$(232) THEN 2400
2380 IF g=le+1 OR a$>CHR$(126) OR a$<CHR$(32) THEN 2350
2390 LOCATE c,1:PRINT a$;"_":c=c+1:i$=i$+a$:NEXT
2400 IF g=1 THEN 2350
2410 LOCATE c-1,1:PRINT "_" :g=g-1:c=c-1:i$=LEFT$(i$,g-1):GOTO 2350
2420 LOCATE c,1:PRINT " ":RETURN
2430 IF ASC(a$)>64 AND ASC(a$)<82 THEN 2440 ELSE 230
2440 h=ASC(a$)+63:a$=CHR$(h):GOTO 2200
2450 REM Prints Main Menu
2460 ret=1:GOTO 1320
2470 ret=0:SPEED WRITE 1
2480 MODE 1:POKE 46311,0:LOCATE 14,2:PRINT CHR$(150)STRING$(12,CHR$(154))CHR$(15
6):LOCATE 14,3:PRINT CHR$(149)"AMSQUILL 1.0"CHR$(149):LOCATE 14,4:PRINT CHR$(147
)STRING$(12,CHR$(154))CHR$(153)
2490 LOCATE 1,7:PRINT "1"+STRING$(22,".")"Return to editing":PRINT "2"STRING$(22
,".")"Save text to tape":PRINT "3"STRING$(20,".")"Load text from tape":PRINT "4"
STRING$(19,".")"Merge text from tape"
2500 PRINT "5"STRING$(19,".")"List text to printer":PRINT "6"STRING$(25,".")"Cha
nge colours":PRINT "7"STRING$(27,".")"Save program":PRINT "8"STRING$(26,".")"Exi
t to Basic"
2510 WINDOW #7,1,40,24,24:CLS #7:PRINT #7,SPC(12)"Press key (1-8)"
2520 a$="":WHILE a$<CHR$(49) OR a$>CHR$(56):a$=INKEY$:WEND:a=VAL(a$):ON a GOTO 9
0,2530,2560,2640,2710,2800,2620,2630
2530 IF file=0 THEN 2510
2540 PRINT #7,"Please wait a moment":WINDOW #6,1,1,1,1:1%=0:c%=0:a$="":r%=0:tb$=
"":bb$="":tb%=0:bb%=0:rm%=0:lm%=0:ctrl=0:wrap=0:cloc=0:sloc=0:g$="":h$="":PRINT
#6,FRE(""):FOR f=200 TO 1 STEP -1:IF text$(f)=SPACE$(80) THEN NEXT
2550 IF file=0 THEN 2510 ELSE WINDOW SWAP 0,7:OPENOUT i$:FOR g=1 TO f:PRINT #9,t
ext$(g):NEXT g:CLOSEOUT:WINDOW SWAP 7,0:GOTO 2510
2560 CLEAR:WINDOW SWAP 0,7
2570 PRINT "Filename ?":le=15:l=1:c=12:GOSUB 2340:IF i$="" THEN 2570
2580 OPENIN i$:file=1:DIM text$(201):FOR f=1 TO 201:text$(f)=SPACE$(80):NEXT:f=1
2590 LINE INPUT #9,text$(f):IF EOF=-1 THEN 2610
2600 f=f+1:GOTO 2590
2610 CLOSEIN:WINDOW SWAP 7,0:GOTO 2510
2620 CLEAR:WINDOW SWAP 0,7:SAVE "AMSQUILL 1.0":WINDOW SWAP 7,0:GOTO 2510
2630 KEY DEF 16,1,16,16,16:KEY DEF 65,1,50,34,126:KEY DEF 66,1,252,252,252:KEY D
EF 70,1,253,253,254:KEY DEF 79,1,127,127,127:MODE 2:END
2640 IF file=0 THEN 2510
2650 FOR f=200 TO 1 STEP -1:IF text$(f)=SPACE$(80) THEN NEXT
2660 f=f+1:WINDOW SWAP 0,7:PRINT "Merging first file found on tape":OPENIN ""
2670 LINE INPUT #9,text$(f):IF EOF=-1 OR f=250 THEN 2700
2680 IF EOF=-1 OR f=200 THEN 2700
2690 f=f+1:GOTO 2670
2700 CLOSEIN:WINDOW SWAP 7,0:GOTO 2510
2710 WIDTH 255
2720 CLS #7:PRINT #7,"Starting line ?":le=3:l=24:c=17:GOSUB 2830:i=VAL(u$):IF i<
0 OR i>250 THEN 2720 ELSE s=i
2730 CLS #7:PRINT #7,"Ending line ?":le=3:l=24:c=17:GOSUB 2830:i=VAL(u$):IF i<
s OR i>200 THEN 2730 ELSE e=i
2740 CLS #7:PRINT #7,"Page length ?":le=2:l=24:c=17:GOSUB 2830:i=VAL(u$):IF i<
66 THEN 2740 ELSE p=i
2750 CLS #7:PRINT #7,"Copies ?":le=2:l=24:c=17:GOSUB 2830:i=VAL(u$):IF i<
1 THEN 2750 ELSE o=i
2760 CLS #7:PRINT #7,"Please wait while printing text file.":PRINT #8,CHR$(27)CH
R$(64);CHR$(27)"C"CHR$(p);
2770 FOR j=1 TO o:FOR f=s TO e:FOR h=80 TO 1 STEP -1:IF MID$(text$(f),h,1)=CHR$(
32) THEN NEXT
2780 FOR g=1 TO h:a$=MID$(text$(f),g,1):IF a$>CHR$(127) THEN 2920
2790 PRINT #8,a$;:NEXT:PRINT #8,CHR$(13);:NEXT:NEXT:GOTO 2510
2800 CLS #7:PRINT #7,"Background colour ?":le=2:l=24:c=21:GOSUB 2830:i=VAL(u$):I
F i<0 OR i>26 THEN 2800
2810 a=-1:CLS #7:PRINT #7,"Foreground colour ?":le=2:l=24:c=21:GOSUB 2830:a=VAL(
u$):IF a<0 OR a>26 OR a=i THEN 2810
2820 BORDER i:INK 0,i:INK 1,a:GOTO 2510
2830 u$="":POKE 46311,0:FOR g=1 TO le+2:LOCATE c,1:PRINT "_"
2840 a$="":WHILE a$="":a$=INKEY$:WEND
2850 IF a$=CHR$(13) THEN 2910
2860 IF a$=CHR$(232) THEN 2890
2870 IF g=le+1 OR a$>CHR$(57) OR a$<CHR$(48) THEN 2840
2880 LOCATE c,1:PRINT a$;"_":c=c+1:u$=u$+a$:NEXT

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2890 IF g=1 THEN 2840
2900 LOCATE c-1,1:PRINT "_":g=g-1:c=c-1:u$=LEFT$(u$,g-1):GOTO 2840
2910 LOCATE c,1:PRINT " ":RETURN
2920 IF a$=CHR$(170) THEN a$=" ":GOTO 2790
2930 IF a$=CHR$(135) THEN PRINT #8," "CHR$(27)"W"CHR$(1);:GOTO 2790
2940 IF a$=CHR$(136) THEN PRINT #8,CHR$(27)"W"CHR$(0);
2950 IF a$=CHR$(134) THEN PRINT #8," "CHR$(15);:GOTO 2790
2960 IF a$=CHR$(137) THEN PRINT #8,CHR$(18);
2970 IF a$=CHR$(133) THEN PRINT #8," "CHR$(27)"-"CHR$(1);:GOTO 2790
2980 IF a$=CHR$(138) THEN PRINT #8,CHR$(27)"-"CHR$(0);
2990 IF a$=CHR$(132) THEN PRINT #8,CHR$(27)"4";
3000 IF a$=CHR$(139) THEN PRINT #8,CHR$(27)"5";
3010 IF a$=CHR$(131) THEN PRINT #8,CHR$(27)"E";
3020 IF a$=CHR$(140) THEN PRINT #8,CHR$(27)"F";
3030 IF a$=CHR$(130) THEN PRINT #8,CHR$(27)"G";
3040 IF a$=CHR$(141) THEN PRINT #8,CHR$(27)"H";
3050 IF a$=CHR$(129) THEN PRINT #8," "CHR$(27)"M";:GOTO 2790
3060 IF a$=CHR$(142) THEN PRINT #8,CHR$(27)"P";
3070 IF a$=CHR$(128) THEN PRINT #8,CHR$(27)"p"CHR$(1);
3080 IF a$=CHR$(143) THEN PRINT #8,CHR$(27)"p"CHR$(0);
3090 IF a$=CHR$(144) THEN PRINT #8,CHR$(12);
3100 a$=" ":GOTO 2790

```

```

10 REM
20 REM      Amsquill Edit
30 REM
40 REM (C) 1985 Justin Moffitt
50 REM
90 REM Reset the Caps Lock Key
100 KEY DEF 70,1,0,0,0
110 SPEED WRITE 1
120 REM Make Up Screen Display
130 MODE 1:INK 0,13:INK 1,26:BORDER 13:PAPER 0:PEN 1
140 LOCATE 14,2:PRINT CHR$(150)STRING$(12,CHR$(154))CHR$(156):LOCATE 14,3:PRINT
CHR$(149)"AMSQUILL 1.0"CHR$(149):LOCATE 14,4:PRINT CHR$(147)STRING$(12,CHR$(154)
)CHR$(153)
150 LOCATE 1,12:PRINT "1"STRING$(16,".")"Load ASCII program file":PRINT "2"STRIN
B$(13,".")"Load Amsquill program file"
160 LOCATE 1,24:PRINT SPACE$(11)"Press key (1 or 2)"SPACE$(11):CLEAR:a$="":WHILE
a$<>"1" AND a$<>"2":a$=INKEY$:WEND
170 ON VAL(a$) GOTO 190,320
180 REM Load ASCII file
190 WINDOW 1,40,24,24:CLS:l=1:c=12:le=15:PRINT "Filename ?":GOSUB 430:IF i$="" T
HEN 190
200 f=1:OPENIN i$
210 DIM text$(200)
220 IF EOF=-1 OR f=200 THEN GOTO 290
230 LINE INPUT #9,a$
240 IF LEN(a$)=79 THEN text$(f)=a$+CHR$(170):f=f+1:GOTO 220
250 IF LEN(a$)>79 THEN 270
260 a$=a$+CHR$(170)+SPACE$(79-LEN(a$)):text$(f)=a$:f=f+1:GOTO 220
270 text$(f)=MID$(a$,1,80):a$=MID$(a$,81)
280 f=f+1:GOTO 240
290 CLOSEIN:OPENOUT i$:FOR g=1 TO f-1:PRINT #9,text$(g):NEXT:CLOSEOUT:WINDOW 1,4
0,1,25
300 GOTO 160
310 REM Load Amsquill file
320 WINDOW 1,40,24,24:CLS:DIM b$(200):DIM text$(200)
330 l=1:c=12:le=15:PRINT "Filename ?":GOSUB 430:IF i$="" THEN 330 ELSE a$=""
340 OPENIN i$
350 FOR f=1 TO 200:IF EOF=-1 THEN 370
360 LINE INPUT #9,text$(f):NEXT
370 CLOSEOUT:f=f+1
380 FOR g=1 TO f
390 FOR h=1 TO 80:IF MID$(text$(g),h,1)=CHR$(170) THEN 410 ELSE NEXT
400 a$=a$+text$(g):g=g+1:IF g=f+1 THEN 420 ELSE GOTO 390
410 a$=a$+MID$(text$(g),1,h-1):b$(g)=a$:a$="":NEXT
420 OPENOUT i$:FOR f=1 TO 200:PRINT #9,b$(f):NEXT:CLOSEOUT:WINDOW 1,40,1,25:GOTO
130
430 REM Input filename
440 i$="":POKE 46311,0:POKE 46312,255:FOR g=1 TO le+2:LOCATE c,1:PRINT "_"
450 a$="":WHILE a$="":a$=INKEY$:WEND
460 IF a$=CHR$(13) THEN 540
470 IF a$=CHR$(127) THEN 520
480 IF g=le+1 THEN 450
490 IF a$>CHR$(126) THEN 450
500 IF a$<CHR$(32) THEN 450
510 LOCATE c,1:PRINT a$;"_":c=c+1:i$=i$+a$:NEXT g
520 IF g=1 THEN 450
530 LOCATE c-1,1:PRINT "_" :g=g-1:c=c-1:i$=LEFT$(i$,g-1):GOTO 450
540 LOCATE c,1:PRINT " ":RETURN

```


E	e	E	Right justify.
F	f	F	Convert marked block to lower case.
G	g	G	Clear marked block.
H	h	H	Convert marked block to upper case.
I	i	I	
J	j	J	Set start of block marker
K	k	K	Clear block markers.
L	l	L	Set end of block marker.
M	m	M	
N	n	N	Copy marked block to cursor.
O	o	O	Scroll down line.
P	p	P	Scroll up line.
Q	q	Q	Left justify.
R	r	R	Prints CR character, this character tells Amsquill Edit where to end a program line.
S	s	S	Clears whole line.
T	t	T	Control character lock on/off. Capital letters will print graphics, which act as control characters.
U	u	U	Call HELP page.
V	v	V	
W	w	W	Centre line of text.
X	x	X	Clear the set margins.
Y	y	Y	Word wrap on/off.
Z	z	Z	Set left margin.

Main Menu Options

Amsquill has a large main menu, when the keys is pressed Amsquill will do what is called a main function.

Key Notes

- 1 Returns to text.
- 2 Save file. The file is saved under the name that you gave it at the start of the program.
- 3 Load file. Here you must input a file name this is just like save. Read errors can occur.
- 4 Merge two files. Here the file from tape is added onto the end of the file in memory.
- 5 List text to printer (Epson Fx-80) as explained Page 01.
- 6 Change colours to any two separate colours as "Master Colour Chart"
- 7 Save the program to tape/disc, it also clears the text file.
- 8 Exit program. Here the program is not lost, but allows errors to be corrected.

Garbage Collection

Amsquill like many other programs for the Amstrad stops for garbage collection about every 100 lines typed in. This is not a problem as you can still type during the few seconds of stillness.

Adding To Amsquill

Amsquill is a long program and cannot really be added to, there are only three main features missing, search and replace, search and delete and highlight. These are easily added using INSTR but the program then becomes too long for memory.