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MORE.BAS

A Page-By-Page Text File Lister

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Abstract

A new Text File Lister is presented which outputs a given text or ASCII file, Page-By-Page to the screen under user control (where one Page = one 32 character by 16 line screen).

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This paper and its associated code are available online at:

<http://www.bds-soft.com/cocoPapers.php> .

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Table of Contents

Abstract	2
Introduction	4
MORE.BAS Program Listing	5

Appendix A: New BDS Software License	9

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Introduction

MORE.BAS acts somewhat like the “more” command in Linux distributions.

It allows you to print a text file to the screen, page-by-page, so it doesn't all run off the top of the screen before you can read it.

In works of this complexity (at least for me) typos and other errors are bound to sneak in. Please let me know about any you discover so I can note and correct them.

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MORE.BAS: File Listing

The BASIC Language Program:

```
00100 '*****
00110 '*'
00120 '* MORE.BAS
00130 '* MDJ 2022/04/20
00140 '*'
00150 '* A PAGE-AT-A-TIME
00160 '* TEXT FILE LISTER
00170 '*'
00180 '*****

00200 CLEAR 3000

00300 ' LIST OF VARIABLES
00310 ' F$ = FILENAME
00320 ' T$ = LINE OF TEXT
00330 ' FROM FILE
00340 ' L$ = HOLDING ARRAY
00350 ' FOR LINES
00360 ' LC = COUNT OF LINES
00370 ' IN HOLDING ARRAY
00380 ' SC = COUNT OF SCREEN
00390 ' LINES OCCUPIED =
00400 ' (LEN(T$) / 32) + 1
00410 ' RC = RUNNING TOTAL
00420 ' OF SC
00430 ' P$ = PROMPT
00440 ' A$ = KEYBOARD CONTROL
00450 ' I - ARRAY ITERATOR

00500 ' INITIALIZE VARIABLES
00510 F$ = ""
00520 T$ = ""
00530 LC = 0
00540 SC = 0
00550 RC = 0
00560 P$ = "-- PRESS ANY KEY FOR MORE --"
00570 A$ = ""
00580 I = 0
00590 DIM L$(12)
00600 FOR I = 0 TO 11
```

```

00610   L$(I) = ""
00620 NEXT I

00700 ' ENTER THE FILENAME
00710 ' IN FORM FILENAME.EXT
00720 PRINT "ENTER FILENAME";
00730 INPUT F$
00740 ' WILL THROW
00750 ' "?NE ERROR IN 760"
00760 ' IF FILE NOT FOUND
00770 OPEN "I", #1, F$

00800 ' EXIT IF AT END OF FILE
00810 IF EOF(1) = -1 GOTO 10000

00820 ' GO IF RUNNING TOTAL OF
00830 '   SCREEN LINES > 12
00840 IF (RC > 12) GOTO 2000

00850 ' GO IF RUNNING TOTAL OF
00860 '   SCREEN LINES = 12
00870 IF (RC = 12) GOTO 3000

00880 ' GET A LINE FROM FILE
00890 LINE INPUT #1, T$

00900 ' PUT THE LINE INTO
00910 '   THE HOLDING ARRAY
00920 L$(LC) = T$
00930 LC = LC + 1

01000 ' COUNT HOW MANY SCREEN
01010 '   LINES THE INPUT LINE
01020 '   WILL OCCUPY
01030 SC = INT((LEN(T$) / 32) + 1)

01100 ' ADD THAT VALUE TO THE
01110 '   THE RUNNING COUNT
01120 RC = RC + SC

01130 ' RETURN FOR THE NEXY
01140 '   INPUT LINE
01150 GOTO 810

02000 ' PRINT OUT ALL BUT THE
02010 '   LAST LINE IN THE
02020 '   HOLDING ARRAY

```

```

02030 FOR I = 0 TO LC - 2
02040   PRINT L$(I)
02050 NEXT I
02060 PRINT
02070 PRINT P$

02200 ' ADJUST THE HOLDING
02210 '   ARRAY
02220 L$(0) = L$(LC-1)
02230 LC = 1

02300 ' COUNT HOW MANY SCREEN
02310 '   LINES THAT LINE
02320 '   WILL OCCUPY
02330 RC = INT((LEN(L$(0)) / 32) + 1)

02340 ' RETURN FOR THE NEXY
02350 '   INPUT LINE
02360 A$ = INKEY$
02370 IF A$ = "" GOTO 2360
02380 GOTO 810

03000 ' PRINT OUT ALL THE
03010 '   LINES IN THE
03020 '   HOLDING ARRAY
03030 FOR I = 0 TO LC - 1
03040   PRINT L$(I)
03050 NEXT I
03060 PRINT
03070 PRINT P$

03200 ' ADJUST THE HOLDING
03210 '   ARRAY
03220 L$(0) = ""
03230 LC = 0

03300 ' ADJUST THE RUNNING
03310 '   RUNNING SCREEN LINE
03320 '   COUNTER
03330 RC = 0

03340 ' RETURN FOR THE NEXY
03350 '   INPUT LINE
03360 A$ = INKEY$
03370 IF A$ = "" GOTO 3360
03380 GOTO 810

```

```
10000 ' PRINT OUT THE
10010 '   FINAL PAGE
10020 IF (RC=0) GOTO 32000
```

```
11000 ' PRINT OUT ALL THE
11010 '   LINES IN THE
11020 '   HOLDING ARRAY
11030 FOR I = 0 TO LC - 1
11040   PRINT L$(I)
11050 NEXT I
```

```
32000 CLOSE #1
```

```
32767 END
```

```
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```


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M.D.J. 2018/06/08

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