

UPLOADING TO COMPUSERVE M.A.U.G. SECTION 7 APPLE///: DL 7

It's simple to upload a program. Just remember that lines in the program cannot be longer than 80 characters (In Basic, set OUTREC=80, in PASCAL avoid lines longer than 80 characters). Create an ASCII text file of your program, then enter the XA7 Access in this SIG. Select 'UPLOAD' (2), use the DC2/DC4 protocol, and send the file when asked to. Once your transmission is complete, type 'Control-Z' to end the transmission.

I have just added a new program, called UPSHIF.INV, a assembly language module that will set all alpha characters in a string variable to upper case alpha. Very useful if you need upper case only entry for a string for location purposes later.

Frank W. Moore

HOW.TO.DOWNLOAD FROM COMPUSERVE M.A.U.G. SECTION 7 APPLE///: DL 7

The DL 7 data base (and all Compuserve data bases) store files in the ASCII format, which is kind of a common tongue for computers. If you did the download correctly, and got an ASCII file. All you ever have to do is open a recording file, 'READ' the file and store it, and then leave Compuserve. By the way, when downloading programs, ALWAYS use separate files for each program. Makes working on them easier.

Unfortunately, once you have downloaded, you generally will have a lot of work to do. This is because MAUG's uploading requirements are not ideal for BUSINESS BASIC programs.

It is best if you have had some BASIC programming experience to 'fix' the ASCII file to be EXECuted.

First, load the ASCII file into your word processor. The PASCAL editor is okay too. You have to do two operations on the text to make it able to be EXECuted.

Next, look for any non-program lines, that is, lines at the very beginning and very end of the program that are accidents picked up while downloading from Compuserve. An example is the prompt, "Press RETURN to continue...". DO NOT REMOVE ANY PROGRAM LINES THAT HAPPEN TO BE BROKEN UP!

Next, you will have to reconnect the 'broken' program lines, lines that are longer than 80 characters per line, a MAUG limitation. BUSINESS BASIC programs often have longer lines. Use the word processor to bring the lines together at the breaks. Apple Writer /// is excellent for this process.

Lastly, store the file off in a new text file. Leave the word processor, and boot BUSINESS BASIC. At the command prompt, EXECute the file (e.g., EXEC .dl/access3.prg). The computer will read each line, tokenize it, and store it in memory. After it is done, the cursor prompt will reappear. You can LIST the program to see it. SAVE the program off to a new file.

If you have any questions, let me know.

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