

Apple II PublishIt! 3.0 Output to a Mac/Laserwriter

By

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This article provides a step-by-step procedure to use PublishIt! 3.0 on an Apple II, and print the resulting output on a Laserwriter Printer connected to a Macintosh computer.

PublishIt! 3.0 includes an option to send its Laserwriter (PostScript) output to a text file on disk. This allows a very convenient mechanism, or "Bridge", to then output this PostScript file on a Macintosh computer with a Laserwriter Printer attached, as you may have at work. This is discussed in the updated PublishIt! 3.0 manual, but I found this unclear, and one piece of the referenced software unavailable on my Mac. I could not find the Mac output program referenced (Adobe Font Downloader), so I found a way to do this using Microsoft Word, which may be on more Mac systems.

1. Apple II Procedure

- a. Start PublishIt! 3.0.
- b. Select Printer Interfaces "Laserwriter" or "Laserwriter NT" Font Sizes (depending on Mac equipment you will be using). This will assure proper sizing of fonts on trial and final displays and printouts, either on your local dot-matrix printer or the Laserwriter.
- c. Select Printer Setup for 8 1/2 x 11 Page Size.
- d. Use PublishIt! 3.0 to develop your publication. Be careful to use fonts which have Laserwriter equivalents (i.e. Wilmette). These are the only ones with scalable equivalents which are automatically substituted by the Laserwriter. Otherwise, you get bit mapped characters, which aren't smoothed as well. Also, be sure not to use any area 0.5 inches from any edge. Laserwriters can't print that close to the edge!
- e. Be sure to Save Your File before proceeding.
- f. Select Print - be sure to:
 1. De-select: Font Substitution
 2. De-select: Laserprep Initialization
 3. De-select: Smoothing
 4. Select: Output to Disk
- g. Select "ok" (or press Return), and PublishIt! 3.0 will output the PostScript to the current directory (folder) as a file named "POSTSCRIPTx" (where x will be 0 to 9). You may output additional (10 total) files, each being numbered sequentially.
- h. Select "Quit" PublishIt! 3.0.
- i. Move the PostScript output files (POSTSCRIPTx) to a ProDOS formatted 3.5 inch floppy disk. You may rename these files for convenience.

j. You are now done with the Apple II part of the procedure. Now on to the Macintosh!

2. Macintosh/Laserwriter Procedure

a. Move PostScript files from Apple II Prodos formatted disk to Macintosh formatted disk with the following procedure.

1. Locate and Launch the Mac application program "Apple File Exchange Utility (AFE)". It should be located in the "System" folder.
2. Once AFE is active, insert your Prodos 3.5 inch disk (step 1.i above) in the Mac drive. The right side of the display will show a scrollable window of files on the Prodos disk which are eligible for transfer to Mac formatted disks.
3. Select the PostScript file you want transferred by clicking that file name. It becomes highlighted.
4. Select (click-on) the "Transfer" button. Your file will now be transferred to the indicated Mac disk (shown on the left side of the display). You may transfer other files at this time (steps 2.a.3 & 2.a.4).
5. Select "Quit" AFE. Your Prodos disk will be ejected.

b. Use Microsoft Word to output PostScript files to the Laserwriter Printer with the following procedure.

1. Locate and Launch the Mac application program "Microsoft Word". Individual Mac's may locate this in various directories (folders).
2. Select "Open" your POSTSCRIPTx file. This will load the PostScript text into the Microsoft Word Processor and display it on the screen. Take a look through it. See if you recognize anything.
3. Hold "Shift" while placing the I-Beam at the beginning of the file and Click the Mouse. Keep holding "Shift".
4. Holding "Shift", move the vertical elevator to the bottom. Keep holding the "Shift".
5. Holding the "Shift", place the I-Beam at the end of the file and Click the Mouse. Release the "Shift" key now. All your PostScript text should be highlighted now.
6. Pull down the "Format" menu, selecting "Define Styles".
7. Type in "PostScript" (with capitals exactly as shown) and press Return. All highlighted text will now be converted to "PostScript" style.
8. Pull down the "File" menu, selecting "Print" and press Return. You should get nice output on the Laserwriter. You will also get an extra blank page, but I don't know why.
9. Pull down the "File" menu, selecting "Quit". Select "No" to Save Changes question.
10. Trash the POSTSCRIPTx files so you don't leave them on the Mac disk consuming unnecessary space.
11. You are now done with the Macintosh procedure, and have hopefully been successful!

I hope that this procedure is helpful to others desiring high quality

Desk Top Publishing. If you have any comments about this article, or have accomplished similar "Bridges to Macintosh" for the Apple II, I would sure like to hear from you. My address is at the top of this article. My handle on America On-Line is ArchMike if you want to reach me there. I can also be reached on Genie and Compuserve.