Tech Info Library

LaserWriter: Creating a Prep File

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This article describes how to create a LaserPrep file. You can put this file at the beginning of any Macintosh-generated Postscript file (one created with a Command-F after clicking the OK button on the print dialog box). This technique includes an option which allows printing in fonts other than Courier. Follow these steps:

1. Capture the LaserPrep header by pressing Command-K after clicking the OK button on the print dialog box.

2. To use the header from another computer, edit it as follows:

    a. Search for the first Control-d and delete everything that follows (that's the PostScript description of the document you printed).

    b. Comment out (%)

        1. The line near the beginning of the file that contains a "setsccinteractive" command

        2. The line starting with the "waittimeout" command

        3. The note command

        4. The long hex string near the end of the file

        5. The line before the "eexec" command

    c. To keep everything from being printed in Courier, add the following lines:

```
%!
% fontprep.ps
```

```
md begin
/scratch 100 string def
FontDirectory {
  pop scratch cvs dup 0 get dup 65 lt exch 90 gt or {
    pop %% ignore any font name that doesn't start with a letter
  }{
    %% set up and call the /rf routine in md dictionary:
    dup length string copy /#nm exch def
    #nm length 7 add string
    dup 0 (|_____) putinterval
    dup 7 #nm putinterval cvn
    dup FontDirectory exch known {
        clear
    }{
        #nm cvn dup
        fondfont /Encoding get StandardEncoding eq
        {true} {false}ifelse
        rf     %stack /_____Fontname /Fontname <boolean>
    }ifelse
   }ifelse
  }bind forall
  end %md
```

        d. If you don't want LaserPrep permanently loaded each time you
           ship it to the printer, comment out

              1. The "exitserver" line
              2. The first line of the file (probably all zeros, the
                 exitserver password).

If you want to print in a variety of fonts, see the font code addendum in
the article "LaserWriter: How to Print all Fonts".

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