

ALMOST ALL YOU NEED TO KNOW ABOUT SOFT FONTS

BITSTREAM HAS FOUR VERSIONS

1.0, 1.1, 3.0 for 5.0, and 3.0 for 5.1/5.0. The installation kits from each of these versions for WordPerfect come with the following typefaces: Dutch Roman, Dutch Italic, Dutch Bold, Dutch Bold Italic, Swiss Roman, Swiss Italic, Swiss Bold, Swiss Bold Italic, and Bitstream Charter Roman. These typefaces are used to make fonts, either bitmapped or outline. The bitmapped fonts are created when made for most laser printers. Outline fonts are made when choosing a PostScript printer, or a laser printer that has scaling capabilities, such as the Canon LBP-III and Canon LBP-4. As of this date, bitmapped fonts must be made for the HP LaserJet III, even though that printer can scale fonts.

Bitstream has several other typefaces available both in proportional spacing and fixed pitch (these typefaces can be used with any application, but the installation kit differs among applications). Customers can call Bitstream at 1-800-522-3668 to order additional typefaces.

The filename extensions for Bitstream versions 1.0 and 1.1 is .HPF. The filename extensions for Bitstream 3.0 (both for 5.0 and 5.1) is .SFP and .SFL.

To install Bitstream, insert the Fontware Installation Disk #1 in A: and type A:FONTWARE at the DOS prompt. Then just follow the prompts that Bitstream gives you. Bitstream modifies WordPerfect's .ALL file and also updates the .PRS file automatically. Bitstream creates two main directories: FONTS and FONTWARE. The FONTS directory contains all the font filenames and this is the directory which should be specified under Select Printer: Edit: Path for Downloadable Fonts in WordPerfect. The FONTWARE directory contains several subdirectories and Bitstream *program* files. A common mistake that customers make is that they put the FONTWARE directory under Path for Downloadable Fonts, when they should be entering the FONTS directory there.

PLUSES AND ASTERISKS

There are two ways to mark soft fonts: * and +. There is a difference. When fonts are marked with an *, the printer must be initialized (Shift-F7, I). Initializing the printer actually downloads all those fonts to the printer that have been marked with *. Those fonts will stay in the printer until the printer is turned off. You can reset the printer and not lose the fonts. The disadvantage of this is that if you are short on printer memory, graphics may have a problem printing. The advantage of downloading ahead of time is that your print jobs will come out faster than if the fonts are marked with a +. If you mark any fonts with a +, they will not be downloaded when you initialize the printer. In fact, if you have fonts ONLY marked with a +, and none with an *, you do not need to initialize the printer. The disadvantage of using a + is that the print jobs come out slower because those

fonts are downloaded to the printer at the time of the print job if you've asked for that particular font in a document. The advantage is that the font will not take up valuable printer memory.

Usually what I recommend to customers is that they mark the fonts that they use constantly with an *, and mark the larger fonts and the infrequently used fonts with a +. That way, their print jobs for the most part will come out quickly, and the large fonts will not be taking up valuable memory in the printer.

On most laser printers, you can also mark the fonts with both an * and a +. The reason for doing this is, that for instance--on an HP LaserJet Series II, you can only have up to 32 fonts in its memory--that is a printer limitation. So you wouldn't want to mark 32 fonts with an * and 10 more with a +. If you did, the printer would not allow those + fonts to be downloaded because the limit was already reached. However, if you mark 32 fonts with a * and +, and 10 fonts with a +, and need to use one of the + fonts, the printer will kick out one of the *+ fonts and load in the + font that you asked for. After the print job is through, the original *+ font will be re-downloaded to the printer. Keep in mind that you will still need to initialize the printer; otherwise, those *+ fonts will not be downloaded.

THE NETWORK DIFFERENCE

If the customer is on a network, they can initialize the printer (which downloads fonts marked with *) ONLY if they use the initials {WP when entering WordPerfect. If they use other initials, control printer will say the fonts are downloading, but they really are not. Another suggestion for soft font users on a network is to mark all the fonts with a +, and that way, they can avoid having to initialize each day. Also, they won't have to worry about someone else wiping out their fonts by turning off the printer. A troubleshooting hint: Make sure the font filenames are flagged as SHAREABLE READ ONLY (for Novell).

COPYING FONT LIBRARIES FROM 5.0 TO 5.1

This procedure is great for copying Bitstream fonts from 5.0 to 5.1. It is suggested that the customer purchase the Bitstream 3.0 for 5.1/5.0 (if they want to add fonts later on and did not purchase the new version, they would need to install the fonts into 5.0 and copy them again into 5.1), but if they are stubborn or cannot wait for the new disks, they can follow the step-by-step instructions for copying a font library on pages 567-568 in the WordPerfect 5.1 manual. In essence, what you are doing when copying the font library is retrieving the 5.0 .ALL file into the 5.1 PTR program and converting it temporarily. When all is said and done, you will have your "untouched" 5.0 .ALL with Bitstream still intact, and you will have Bitstream information included in your 5.1 .ALL file. Copying a font library is preferred over converting the 5.0 .ALL file and using it in 5.1 because there have been problems doing the latter. I have experienced no problems copying the font library.

COPYFONT

This is for use with WordPerfect 5.0 printer files only. Copyfont is not for use with .PRS files. Copyfont can be used to copy both cartridges and soft fonts from one .ALL file to another. Attached to this overview of fonts is a memo with an example of how to copy a cartridge using Copyfont. This has been used with several customers successfully.

There are a few limitations with Copyfont; for example, it does not copy variables. COPYFONT.DOC gives detailed instructions about copying variables. Fonts generated with Bitstream Fontware do not use variables, so you don't need to worry about them. I highly recommend that you read COPYFONT.DOC and try using this utility at least once.

Copyfont can be purchased for \$10. It is also available on the BBS in Conference #4 (COPYFONT.ZIP). It will unzip into two files--COPYFONT.EXE and COPYFONT.DOC (which contains instructions for using Copyfont).

HP'S TYPE DIRECTOR

Type Director is similar to Bitstream. The fonts must be made with the installation kit. Again, the typefaces are interchangeable among applications. You can make either bitmapped fonts or outline fonts. HP supports the installation of Type Director--we support it after the fonts have been made.

HP'S PRE-MADE FONTS

These fonts are pre-made from HP. All you need to do with these fonts are to copy them into a FONTS subdirectory on your hard drive, enter your Path for Downloadable Fonts, mark the appropriate fonts, and go. One common mistake customers make is that they mark the wrong fonts and when they try to print, they get "Error--File not Found" in Control Printer. Check to see what "family" of soft fonts they actually have--they may need the Additional printer driver in order to access those fonts.

One confusing point about these fonts is that there are certain families which are called Bitstream Fonts, even though they came from HP. These are the UA and UB families. These are different than the Bitstream fonts we usually think of. Remember this point: Check to see if they have Bitstream Typefaces (from Bitstream Fontware) or if they have Bitstream Fonts (from Hewlett-Packard). There is a difference.

GLYPHIX, MOREFONTS, PUBLISHER'S POWERPAK

These are third-party soft font programs that either create new .PRS files or modify our existing .ALL and .PRS files. They all work fine with WordPerfect; however, the customer may have problems with Forms if they are using the third-party .PRS file (they did not provide for the Forms option). Even though we do not technically

support these fonts, troubleshooting them is basically the same. Make sure they have a Path for Downloadable Fonts, make sure their fonts are marked, make sure they've initialized their printer, etc. We do have some information in the company on these various fonts if you need them. Each of these companies mentioned have been very good in supporting their product as well.

A couple of hints: If they are using these third-party soft fonts and get only codes when they print, they probably haven't entered WordPerfect properly. For Glyphix, they must type GLYPHIX instead of WP to get in. For Powerpak, they must type WPP to get in. If they only type WP, the third-party software will not be loaded, and it will not work properly.

If they get codes mixed in with text, most likely they have a version of their third-party product that is not compatible with their dates of WP. Refer the customer to the third-party company for an update or fix.