NAME

download – host resident PostScript font downloader

SYNOPSIS

download [**–f**] [**–p** *printer*] [**–m** *name*] [**–H** *directory*] [*file*. . .]

/usr/lib/lp/postscript/download

DESCRIPTION

download prepends host resident fonts to *files* and writes the results on the standard output. If no *files* are specified, or if – is one of the input *files*, the standard input is read. *download* assumes the input *files* make up a single PostScript job and that requested fonts can be included at the start of each input *file.*

Requested fonts are named in a comment (marked with **%%DocumentFonts:**) in the input *files*. Available fonts are the ones listed in the map table selected using the **–m** option.

The map table consists of fontname–file pairs. The fontname is the full name of the PostScript font, exactly as it would appear in a **%%DocumentFonts:** comment. The file is the pathname of the host resident font. A file that begins with a **/** is used as is. Otherwise the pathname is relative to the host font directory. Comments are introduced by % (as in PostScript) and extend to the end of the line.

The only candidates for downloading are fonts listed in the map table that point **download** to readable files. A font is downloaded once, at most. Requests for unlisted fonts or inaccessible files are ignored. All requests are ignored if the map table can not be read.

OPTIONS

–f Force a complete scan of each input *file.* In the absence of an explicit comment pointing *download* to the end of the file, the default scan stops immediately after the PostScript header comments.

–p *printer* Check the list of printer-resident fonts in **/etc/lp/printers/***printer***/residentfonts** before downloading.

–m *name* Use *name* as the font map table. A *name* that begins with **/** is the full pathname of the map table and is used as is. Otherwise *name* is appended to the pathname of the host font directory.

–H *directory* Use *dir* as the host font directory. The default is **/usr/lib/lp/postscript**.

EXAMPLES

The following map table could be used to control the downloading of the Bookman font family:

```
%
% The first string is the full PostScript font name. The second string
% is the file name - relative to the host font directory unless it begins
% with a /.
%

  Bookman-Light          bookman/light
  Bookman-LightItalic    bookman/lightitalic
  Bookman-Demi           bookman/demi
```

Bookman-DemiItalic	**bookman/demiitalic**

Using the file **myprinter/map** (in the default host font directory) as the map table, you could download fonts by issuing the following command:

example% download –**m** *myprinter/map file*

SEE ALSO

dpost(1), **postdaisy**(1), **postdmd**(1), **postio**(1), **postmd**(1), **postprint**(1), **posttek**(1)

DIAGNOSTICS

An exit status of **0** is returned if *files* were successfully processed.

NOTES

The **download** program should be part of a more general program.

download does not look for **%%PageFonts:** comments and there is no way to force multiple downloads of a particular font.

We do not recommend the use of full pathnames in either map tables or the names of map tables.