NAME
> **updmap.cfg** – configuration of font mapping/inclusion for dvips and friends.

DESCRIPTION
> The file **updmap.cfg** is the central font configuration file of a teTeX system and is read by **updmap**(1). It describes if and how fonts should be included (or not included) into PS-/PDF-files. This works for Outline (Postscript Type1) and Bitmap Fonts (Postscript Type3) mostly coming from MetaFont.
>
> **updmap** is a utility that creates font configuration files for **dvips**(1), **pdftex**(1), **xdvi**(1), **ps2pk**(1), **gsftopk**(1), **dvipdfm**(1) and (soon) **dvipdfmx**(1). In an ideal world, updmap would be unnecessary -- each of these programs would read the same configuration file to learn what fonts are available and how they should be treated. As things stand, however, each of these tools has subtly different requirements and thereby needs its own font configuration file. **updmap** creates font configuration files for all of these programs from a single source, **updmap.cfg**, allowing you to easily keep all the different configuration files in sync.
>
> **dvipsPreferOutline**
> Configures if **dvips** (by default) should prefer bitmap fonts or outline fonts if both are available? Independent of this setting, outlines can be forced by putting "p psfonts_t1.map" into a config file that dvips reads. Bitmaps can be forced by putting "p psfonts_pk.map" into a config file. We provide such config files which can be enabled via **dvips** *-Poutline ...* resp. **dvips** *-Ppk ...*
> Valid settings for dvipsPreferOutline are *true* / *false*.
>
> **LW35**
> Which fonts of the "Basic 35 Laserwriter Fonts" do you want to use and how are the filenames chosen? Valid settings:
> URW: URW fonts with "vendor" filenames (e.g. n019064l.pfb)
> URWkb: URW fonts with "berry" filenames (e.g. uhvbo8ac.pfb)
> ADOBE: Adobe fonts with "vendor" filenames (e.g. hvnbo___.pfb)
> ADOBEkb: Adobe fonts with "berry" filenames (e.g. phvbo8an.pfb)
>
> **dvipsDownloadBase**
> Configures if **dvips** (by default) should download the standard 35 LaserWriter fonts into the document (set *true*) or should these fonts be used from the ps interpreter / printer (set *false*).
> The user can override the default by specifying **dvips** *-Pdownload35* built-in fonts.
> Valid settings are *true* / *false*.
>
> **pdftexDownloadBase14**
> Should **pdftex** download the base 14 pdf fonts? Since some configurations (ps / pdf tools / printers) use bad default fonts, it is safer to download the fonts. The pdf files will get bigger, though.
> Valid settings are *true* (download the fonts) or *false* (don't download the fonts). Adobe recommends to embed all fonts.
>
> **dvipdfmDownloadBase14**
> Should **dvipdfm** download the base 14 pdf fonts? Since some configurations (ps / pdf tools / printers) use bad default fonts, it is safer to download the fonts. The pdf files will get bigger, though.
> Valid settings are *true* (download the fonts) or *false* (don't download the fonts).
>
> **Map**
> Points to a map file, which describes a mapping from a font (called in the TeX document) to the pfb file containing the Postscript code.

Usage: **Map** filename.map

The syntax of map files is the same as **dvips**(1) uses, see section 6.4, "'psfonts.map': PostScript font catalog" in the manual of **dvips**(1), available as info and pdf file.

MixedMap
Similar to **Map**. It should be used when there is Type1 and a bitmap implementation of the font (the latter mostly coming from MetaFont). These entries will not be used in the default map of **dvips** if **dvipsPreferOutline** is set to *false*.
Usage: **MixedMap** filename.map

The sign **#** precedes a comment.

Not used Map files should be commented out using the string **#!** at the beginning of the line. These entries can be (de-)activated using **updmap** with the options *--enable* and *--disable*.

SPECIAL TO DEBIAN

In Debian the file **updmap.cfg** is a generated file sitting in /var. It is generated by concatenating the *.cfg files from /etc/texmf/updmap.d/. These files follow the syntax of updmap.cfg, but contain only parts of it.

AUTHOR

This manual page was written by Hilmar Preusse <hille42@web.de>, for the Debian GNU/Linux system by simply copying the comments from **updmap.cfg** and rewriting some of them. It may be used by other distributions without contacting the author. Any mistakes or omissions in the manual page are my fault; inquiries about or corrections to this manual page should be directed to me (and not to the primary author).

SEE ALSO

updmap(1), info page of dvips(1)

THANKS TO

Frank Kuester, Thomas Esser.