

NAME

updmap – Update font map files for TeX output drivers.

updmap-sys – Update font map files for TeX output drivers system-wide.

SYNOPSIS

updmap [*OPTION* ...] [*COMMAND* ...]

updmap-sys [*OPTION* ...] [*COMMAND* ...]

DESCRIPTION

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, allowing you to easily keep all the different configuration files in sync.

updmap reads a configuration file, **updmap.cfg**(5) and, depending on the options specified in that file and on the command line, **updmap** will write generated map files to a directory of your choosing (via one of the **--*outputdir** options), or automatically determine where to place the files. In the latter case, it tries to use the tree where the variable `TEXMFVAR` points to. When used with the options **--edit**, **--setoption**, **--enable**, **--disable**, or **--syncwithtrees**, **updmap** will first write **updmap.cfg**(5) and regenerate the map files only if this file has been changed.

OPTIONS

The following command-line options are available:

--cnffile *file*

Specify a configuration *file*.

--dvipsoutputdir *directory*

Specify the output *directory* for map files generated with dvips syntax.

--pdftexoutputdir *directory*

Specify the output *directory* for map files generated with pdftex syntax.

--dvipdfmoutputdir *directory*

Specify the output *directory* for map files generated with dvipdfm syntax.

--outputdir *directory*

Specify the output *directory* for all generated map files.

--nohash

Do not run **texhash**(1).

--nomkmap

Do not recreate existing map files.

--quiet Reduce verbosity.

The following commands can be substituted for *COMMAND*:

--edit Edit the *updmap.cfg* file.

--help Show a command and option summary.

--showoptions *item*
Show alternatives for option *item*.

--setoption *option value*
Set *option* to *value*, where *option* is one of:

dvipsPreferOutline

LW35

dvipsDownloadBase35

pdftexDownloadBase14

dvipdfmDownloadBase14

--enable *maptype mapfile*
Add or enable a **Map** or **MixedMap** for *mapfile*.

--enable **Map**=*mapfile*
Add or enable a Map for *mapfile*.

--enable **MixedMap**=*mapfile*
Add or enable a MixedMap for *mapfile*.

--disable *mapfile*
Disable Map or MixedMap for *mapfile*.

--syncwithtrees
Disable entries in the config file that refer to map files which are unavailable.

--listmaps
List all active and inactive maps.

--listavailablemaps
List all active and inactive maps, but restrict output to map files that are available in one of the texmf trees.

FILES

Configuration and input files:

updmap.cfg
Main configuration file. In *texmf/web2c* by default, but may be located elsewhere depending on your distribution.

dvips35.map
Map file for standard 35 PostScript fonts for use with **dvips(1)**.

pdfTEX35.map

Map file for standard 35 PostScript fonts for use with **pdfTEX(1)**.

dvipdfm35.map

Map file for standard 35 PostScript fonts for use with **dvipdfm(1)**.

ps2pk35.map

Map file for standard 35 PostScript fonts for use with **ps2pk(1)**.

Output files:

psfonts.map

For **dvips(1)**. Soft link against *psfonts_t1.map* if option **dvipsPreferOutline** active, else against *psfonts_pk.map*.

psfonts_pk.map

For **dvips(1)**. Without information from MixedMap files. (Setting of **dvipsPreferOutline** ignored.)

psfonts_t1.map

For **dvips(1)**. With information from MixedMap files. (Setting of **dvipsPreferOutline** ignored.)

download35.map

For **dvips(1)**. Always downloads the standard 35 fonts. (Setting of **dvipsDownloadBase35** ignored.)

builtin35.map

For **dvips(1)**. Never downloads the standard 35 fonts. (Setting of **dvipsDownloadBase35** ignored.)

pdfTEX.map

For **pdfTEX(1)**. Soft link against *pdfTEX_dl14.map* if option **pdfTEXDownloadBase14** active, else against *pdfTEX_ndl14.map*.

pdfTEX_dl14.map

For **pdfTEX(1)**. Always downloads the standard 14 fonts.

pdfTEX_ndl14.map

For **pdfTEX(1)**. Never downloads the standard 14 fonts.

dvipdfm.map

For **dvipdfm(1)**. Soft link against *dvipdfm_dl14.map* if option **dvipdfmDownloadBase14** active, else against *dvipdfm_ndl14.map*.

dvipdfm_dl14.map

For **dvipdfm(1)**. Always downloads the standard 14 fonts.

dvipdfm_ndl14.map

For **dvipdfm(1)**. Never downloads the standard 14 fonts.

ps2pk.map

Similar to *psfonts.map* file, but forces all fonts to be downloaded, so this map file can be used with **xdvi**(1) and **ps2pk**(1).

teTeX configuration files for **dvips**(1) tuned for use with **updmap**:

config.builtin35

Loads *builtin35.map* instead of *psfonts.map*.

config.download35

Loads *download35.map* instead of *psfonts.map*.

config.outline

Loads *psfonts_t1.map* instead of *psfonts.map*.

config.pdf

Loads *psfonts_t1.map* instead of *psfonts.map* and has additional optimizations for PDF generation.

config.pk

Loads *psfonts_pk.map* instead of *psfonts.map*.

config.www

Loads *psfonts_t1.map* instead of *psfonts.map*. (For compatibility with previous versions of teTeX.)

config.gstopk

Loads *psfonts_t1.map* instead of *psfonts.map*.

SEE ALSO

updmap.cfg(5), **dvipdfm**(1), **dvips**(1), **gsftopk**(1), **pdftex**(1), **ps2pk**(1), **texhash**(1), **xdvi**(1).

Web page: <<http://tug.org/teTeX/>>

BUGS

None known, but report any bugs found to <tetex@db.s.uni-hannover.de> (mailing list).

AUTHOR

updmap was written by Thomas Esser <te@db.s.uni-hannover.de> and is in the public domain.

This manual page was written by C.M. Connelly <cmc@debian.org>, for the Debian GNU/Linux system and later slightly adapted for teTeX 3.