

NAME

tlmgr – the TeX Live Manager

SYNOPSIS

tlmgr [*options*] *action* [*option*]... [*operand*]...

DESCRIPTION

tlmgr manages an existing TeX Live installation, both packages and options.

OPTIONS

The following options have to be given *before* you specify the action.

--location *location*

Specifies the location from which packages should be installed or updated, overriding the location found in the installation's TLPDB.

--gui Instead of starting the GUI via the **gui** action, you can also give this option together with an action from above and will be brought directly into the respective screen of the GUI. So calling

```
tlmgr --gui update
```

will bring you directly into the update screen.

--netarchive *dir*

Overrides the default settings for netarchive. Should be used with care.

--diskarchive *dir*

Overrides the default settings for diskarchive. Should be used with care.

The standard options **--help/-h/-?** and **--debug** are also accepted.

ACTIONS

help Gives this help page.

gui Run using a graphical interface.

install [*option*]... *pkg*...

Install all *pkgs* given on the command line. By default this installs all packages that the given *pkgs* are dependent on, also. Options:

--no-depends

Do not install dependencies. By default, installing a package ensures that all dependencies of this package are fulfilled.

--dry-run

Nothing is actually installed; instead, the actions to be performed are written to the terminal.

update [*option*] [*pkg* [*pkg* ...]]

Updates the packages given as arguments to the latest version available at the installation source. Options:

--all Update all package.

--dry-run

Nothing is actually installed; instead, the actions to be performed are written to the terminal.

remove [*option*]... *pkg*...

Remove all *pkgs* given on the command line. Removing a collection will remove all package dependencies (but not collection dependencies) in that collection, unless `--no-depends` is specified. However, when removing a package, dependencies are never removed.

Removing a package which is referenced as a dependency in another collection or scheme is disallowed, unless `--force` is specified.

Options:

--no-depends

Do not remove dependent packages.

--force By default, when removing a package or collection would invalidate a dependency of another collection/scheme, the package will not be removed and a warning issued. With this option, the package will be removed unconditionally. Use with care.

--dry-run

Nothing is actually installed; instead, the actions to be performed are written to the terminal.

option [**show**]**option** *key* [*value*]

The first form shows the settings currently saved in the TLPDB.

In the second form, if *value* is missing the setting for *key* is displayed. If *value* is present, *key* is set to *value*.

Possible values for *key* are: *location* (default installation source), *formats* (create formats at installation time), *docfiles* (install documentation files), *srcfiles* (install source files).

paper a4**paper letter****[xdvi|dvips|pdftex|dvipdfm|dvipdfmx] paper** [**help**|**papersize**]

Configures the system wide paper settings, either for all programs in one go, or just for the specified program.

arch list Prints the names of the systems available at the default install location.

arch add *arch*...

Add executables for the specified *arches* to the installation. Options:

--dry-run

Nothing is actually installed; instead, the actions to be performed are written to the terminal.

search [*option*...] *what*

By default searches the names, short and long descriptions of all locally installed packages for the given argument (interpreted as regexp). Options:

--file List all filenames containing *what*.

--global

Search the TeX Live Database of the installation medium, instead of the local installation.

show *pkg*...

Shows information about *pkg*: the name, category, installation status, short and long description. Searches in the remote installation source for the package if it is not locally installed.

list [collections|schemes]

With no argument, lists all packages available at the default install location, prefixing those already installed with *i* .

With an argument lists only collections or schemes, as requested.

uninstall

Uninstalls the entire TeX Live installation. Options:

--force Do not ask for confirmation, remove immediately.

generate language**generate fmtutil****generate updmap**

WARNING: This action overwrites any user changes made in the respective files, by regenerating them from scratch.

This is especially questionable with updmap, because the result will be to disable all maps which have been manually installed (via `updmap-sys --enable`), e.g., for proprietary or local fonts. Be sure that's what you want to do.

This action regenerates any of the three config files `language.dat`, `fmtutil.cnf`, and `updmap.cfg` from the information present in the local TLPDB. If the files `language-local.dat`, `fmtutil-local.cnf`, or `updmap-local.cfg` are present under `TEXMFLOCAL` in the respective directories, their contents will be simply merged into the final files, with no error checking of any kind.

Options:

--dest *output file*

specifies the output file (defaults to the respective location in `TEXMFSYSVAR`).

--localcfg *local conf file*

specifies the (optional) local additions (defaults to the respective location in `TEXMFSYSVAR`).

AUTHORS AND COPYRIGHT

This script and its documentation were written for the TeX Live distribution (<<http://tug.org/texlive>>) and both are licensed under the GNU General Public License Version 2 or later.