

NAME

luaotfload-tool – generate and query the Luaotfload font names database

SYNOPSIS

luaotfload [**-cf**FiquvVh]

luaotfload **--update** [**--force**] [**--quiet**] [**--verbose**] [**--dry-run**]

luaotfload **--find=FONTNAME** [**--fuzzy**] [**--info**]

luaotfload **--flush-lookups**

luaotfload **--cache=DIRECTIVE**

luaotfload **--list=CRITERION[:VALUE]** [**--fields=F1,F2,...,Fn**]

luaotfload **--help**

luaotfload **--version**

DESCRIPTION

luaotfload-tool accesses the font names database that is required by the *Luaotfload* package. There are two general modes: **update** and **query**.

- **update**: update the database or rebuild it entirely;
- **query**: resolve a font name or display close matches.

A third mode for clearing the lookup cache is currently experimental.

Note that if the script is named **mkluatexfontdb** it will behave like earlier versions (≤ 1.3) and always update the database first. Also, the verbosity level will be set to 2.

OPTIONS**update mode**

--update, -u

Update the database; indexes new fonts.

--force, -f

Force rebuilding of the database; re-indexes all fonts.

--dry-run, -D

Don't load fonts, scan directories only. (For debugging file system related issues.)

query mode

--find=NAME

Resolve a font name; this looks up <name> in the database and prints the file name it is mapped to.

--fuzzy, -F

Show approximate matches to the file name if the lookup was unsuccessful (requires **--find**).

--info, -i

Display basic information to a resolved font file (requires **--find**).

--list=CRITERION

Show entries, where *CRITERION* is one of the following:

1. the character *****, selecting all entries;
2. a field of a database entry, for instance *fullname* or *units_per_em*, according to which the output will be sorted; or
3. an expression of the form **field:value** to limit the output to entries whose **field** matches **value**.

--fields=FIELDS

Comma-separated list of fields that should be printed. The default is *fullname,version*. (Only meaningful with **--list**.)

font and lookup caches

--flush-lookups

Clear font name lookup cache (experimental).

--cache=DIRECTIVE

Cache control, where *DIRECTIVE* is one of the following:

1. **purge** -> delete Lua files from cache;
2. **erase** -> delete Lua and Luc files from cache;
3. **show** -> print stats.

miscellaneous

--verbose=N, -v

Set verbosity level to *n* or the number of repetitions of **-v**.

--quiet

No verbose output (log level set to zero).

--log=stdout

Redirect log output to terminal (for database troubleshooting).

--version, -V

Show version number and exit.

--help, -h

Show help message and exit.

FILES

The font name database is usually located in the directory **texmf-var/luatex-cache/generic/names/** (**\$TEXMFCACHE** as set in **texmf.cnf**) of your *TeX Live* distribution as **luaotfload-names.lua**. The experimental lookup cache will be created as **luaotfload-lookup-cache.lua** in the same directory. Both files are safe to delete, at the cost of regenerating them with the next run of *LuaTeX*.

SEE ALSO

luatex (1), **lua** (1)

- **texdoc luaotfload** to display the manual for the *Luaotfload* package

- Luaotfload development <https://github.com/lualatex/luaotfload>
- LuaLaTeX mailing list <http://tug.org/pipermail/lualatex-dev/>
- LuaTeX <http://luatex.org/>
- ConTeXt <http://wiki.contextgarden.net>
- Luaotfload on CTAN <http://ctan.org/pkg/luaotfload>

BUGS

Tons, probably.

AUTHORS

Luaotfload is maintained by the LuaLaTeX dev team (<https://github.com/lualatex/>). The font-loader code is provided by Hans Hagen of Pragma ADE, Hasselt NL (<http://pragma-ade.com/>).

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