

**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 ( $\leq 1.3$ ) 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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