

**NAME**

luafindfont – retrieve font informations of all installed system and TeX fonts.

**SYNOPSIS**

luafindfont [options] <fontname>

**DESCRIPTION**

This command lists informations about installed `otf`/`ttf`/`ttc` fonts, installed by the system and by the TeX distribution

**OPTIONS**

`-h,--help`

obvious ... :-)

`-V,--version`

obvious ... :-)

`-o,--otfinfo`

Use the program `otfinfo` for the font with the given number. The number can be followed by an optional argument for `otfinfo`, e.g. `-o 2f`, list all features for font no 2. Without an additional character, `otfinfo` is called with `-i`

`-i,--info`

List the given fontstyles (regular, bold, italic, bolditalic) for the font with the given number

`-I,--Info`

Siliar to `i` but uses the program `mtxrun` to get `ll` informations including features and corresponding languages. List can be very long.

`-l,` The output is a sorted long list of the symbolc names of the available fonts.

`-L,` The same with filenames (without the path!)

`-v,--verbose`

Give more informations, by now only `-v` works

`-x,--xetex`

test, if font is found by xetex via `kpsewhich` 0->no; 1->yes

`-m,--max_string`

The maximum of the stringlength of the full path of fonts

`-n,--no-symbolic-names`

The fontlist contains only `fontfile` and `fontpath`

<fontname>

Can be a substring, e.g. `times`, or a combination of two substrings which act like a boolean and, e.g. `"times & bold"` (must be in quotes). All strings are not case sensitive. Upper and lowercase can be mixed.

**EXAMPLES**

```
$ luafindfont libertinussans
```

Lists all fonts which have names or part of like `libertinusans`

```
bash-3.2$ ./luafindfont.lua libertinussans
```

No.	Fontname	Symbolic Name	
1.	LibertinusSans-Bold.otf	libertinussans	/usr/local/texlive/2022/texmf-dist/fonts/opentype/libertinus/
2.	LibertinusSans-Italic.otf	libertinussans	/usr/local/texlive/2022/texmf-dist/fonts/opentype/libertinus/
3.	LibertinusSans-Regular.otf	libertinussans	/usr/local/texlive/2022/texmf-dist/fonts/opentype/libertinus/

The --otfinfo:

```
$ luafindfont -o 3 libertinussans
```

This produces the following output:

1.	LibertinusSans-Bold.otf	libertinussans	/Users/voss/Library/Fonts/MinionMath/
2.	LibertinusSans-Bold.otf	libertinussans	/usr/local/texlive/texmf-dist/fonts/opentype/libertinus/
3.	LibertinusSans-Italic.otf	libertinussans	/Users/voss/Library/Fonts/MinionMath/
4.	LibertinusSans-Italic.otf	libertinussans	/usr/local/texlive/texmf-dist/fonts/opentype/libertinus/
5.	LibertinusSans-Regular.otf	libertinussans	/Users/voss/Library/Fonts/MinionMath/
6.	LibertinusSans-Regular.otf	libertinussans	/usr/local/texlive/texmf-dist/fonts/opentype/libertinus/

Running otfinfo on font no.3

```
Family:      Libertinus Sans
Subfamily:   Italic
Full name:   Libertinus Sans Italic
PostScript name: LibertinusSans-Italic
Version:     Version 7.020;RELEASE
Unique ID:   1.000;QUE ;LibertinusSans-Italic
Designer:    Philipp H. Poll, Khaled Hosny
Manufacturer: Caleb Maclennan
Vendor URL:  https://github.com/alquier/libertinus
Copyright:   Copyright © 2012-2020 The Libertinus Project Authors.
License URL:  https://scripts.sil.org/OFL
License Description: This Font Software is licensed under the SIL Open Font License, Inc.
Vendor ID:    QUE
```

The --no-symbolc-names:

```
$ luafindfont -n
```

This produces the following output:

```
bash-3.2$ luafindfont -n minion
```

Nr.	Fontname	Path
1.	MinionMath-Bold.otf	/Users/voss/Library/Fonts/MinionMath/
2.	MinionMath-Regular.otf	/Users/voss/Library/Fonts/MinionMath/
3.	MinionPro-Bold.otf	/Users/voss/Library/Fonts/MinionPro/
4.	MinionPro-BoldCn.otf	/Users/voss/Library/Fonts/MinionPro/
5.	MinionPro-BoldCnIt.otf	/Users/voss/Library/Fonts/MinionPro/

6.	MinionPro-BoldIt.otf	/Users/voss/Library/Fonts/MinionPro/
7.	MinionPro-Capt.otf	/Users/voss/Library/Fonts/MinionPro/
8.	MinionPro-Disp.otf	/Users/voss/Library/Fonts/MinionPro/
9.	MinionPro-It.otf	/Users/voss/Library/Fonts/MinionPro/
10.	MinionPro-Medium.otf	/Users/voss/Library/Fonts/MinionPro/
11.	MinionPro-MediumIt.otf	/Users/voss/Library/Fonts/MinionPro/
12.	MinionPro-Regular.otf	/Users/voss/Library/Fonts/MinionPro/
13.	MinionPro-Semibold.otf	/Users/voss/Library/Fonts/MinionPro/
14.	MinionPro-SemiboldIt.otf	/Users/voss/Library/Fonts/MinionPro/
15.	MinionPro-Subh.otf	/Users/voss/Library/Fonts/MinionPro/

**See also**

See luafindfont-doc.pdf for more details

**BUGS**

No known bugs.

**AUTHOR**

Herbert VoÃ (hvoss@tug.org)

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