

Fonts

Context

LibreCAD uses its own font format for various reasons. Based on its roots in QCAD, which used its own CXF format, LibreCAD enhanced this format in LFF (LibreCAD Font Format).

Deployment

LibreCAD comes with a collection of common used fonts. Some of them are contributions from our community, others are converted from TTF fonts with our command line conversion tool `ttf2lff`.

When LibreCAD is installed from a binary package, chances are good, that the fonts are installed properly, and that they are available in text tools. Their location depends on the used operating system.

If you have converted your own fonts, you can add an additional path in *Application Preferences*, that you can keep them separated from the deployed fonts.

For users who build LibreCAD themselves, they can find the font files on our [Github repository](#)

Sharing drawings with text

Because LFF is a LibreCAD feature, other CAD applications probably can't show texts in DXF drawings. To share DXF with text with other CAD applications, create a copy of the drawing and explode all text. This makes them basic entities again and allow other CAD applications to show the text. The back draw is, that the exploded text is no longer editable as text.

Font lists

Deployed

Font File	Alphabet	Font Type	Technical / Single Line
amiri-regular.lff		Serif	
azomix.lff		Sans Serif	X
azomix_i.lff		Sans Serif	X
cursive.lff		Sans Serif	X
cyrillic_i.lff	Cyrillic	Sans Serif	X
gothgbt.lff		Blackletter / Gothic	
gothgrt.lff		Blackletter / Gothic	
gothitt.lff		Blackletter / Gothic	

Font File	Alphabet	Font Type	Technical / Single Line
greek_ol.lff	Greek		
greekc.lff	Greek		
greekcs.lff	Greek		
greekp.lff	Greek		
greeks.lff	Greek		X
iso.lff	Latin	Sans Serif	X
iso3098.lff		Sans Serif	X
iso3098_i.lff		Sans Serif	X
italicc.lff		Serif	
italiccs.lff		Serif	
italict.lff		Serif	
kochigothic.lff		Sans Serif	
kochimincho.lff		Serif	
kst32b.lff		Sans Serif	X
lc_opengost-ar.lff		Sans Serif	X
lc_opengost-br.lff		Sans Serif	X
opengosttypea-regular.lff		Sans Serif	X
opengosttypeb-regular.lff		Sans Serif	X
romanc.lff		Serif	
romancs.lff		Serif	
romand.lff		Sans Serif	
romanp.lff		Serif	
romans.lff		Sans Serif	X
romansi.lff		Sans Serif	X
romant.lff		Serif	
scriptc.lff		Formal Script	
scripts.lff		Formal Script	
simplex.lff		Sans Serif	X
standard.lff		Sans Serif	X
syastro.lff	Symbol		
symap.lff	Symbol		
symath.lff	Symbol		
symbol.lff	Symbol		
symbol_misc1.lff	Symbol		
symbol_misc2.lff	Symbol		
symeteo.lff	Symbol		
symusic.lff	Symbol		
unicode.lff		Sans Serif	X

Additional

Font File	Alphabet	Font Type	Technical / Single Line
wqy-unicode.lff	Chinese	Sans Serif	

Examples

From 2.1.3

- DXF showing all fonts -
- PDF export from this DXF -
- PNG export from this DXF -

LibreCadFonts 2.1.3.dxf

LibreCadFonts 2.1.3.pdf

```
Version 1.0.0
Compiler: GNU GCC 4.8.1
Compiled on Sep 23 2016
OS Version: Windows 7
Boost Version: 1.60.0
System: Windows 7

amiri-regular.lff - The quick brown fox jumps over the lazy dog. 0123456789
AMIRI-REGULAR.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

azomix.lff - The quick brown fox jumps over the lazy dog. 0123456789
AZOMIX.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

azomix_1.lff - The quick brown fox jumps over the lazy dog. 0123456789
AZOMIX_1.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

cursivelff - The quick brown fox jumps over the lazy dog. 0123456789
CURSIVELFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

cyllik_lff - The quick brown fox jumps over the lazy dog. 0123456789
CYLLIK_LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

gallibiff - Chr quick brown fox jumps over the lazy dog. 0123456789
GALLIBIFF - CHR QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

germanic.lff - The quick brown fox jumps over the lazy dog. 0123456789
GERMANIC.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

golfiff - Chr quick brown fox jumps over the lazy dog. 0123456789
GOLFIF - CHR QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

grok.lff - The quick brown fox jumps over the lazy dog. 0123456789
GROK.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

greckluff - The quick brown fox jumps over the lazy dog. 0123456789
GRECKLUFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

hebrew.lff - The quick brown fox jumps over the lazy dog. 0123456789
HEBREW.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

hijabif - The quick brown fox jumps over the lazy dog. 0123456789
HIJABIF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

japanese.lff - The quick brown fox jumps over the lazy dog. 0123456789
JAPANESE.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

kazakh.lff - The quick brown fox jumps over the lazy dog. 0123456789
KAZAKH.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

korian.lff - The quick brown fox jumps over the lazy dog. 0123456789
KORIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

latvian.lff - The quick brown fox jumps over the lazy dog. 0123456789
LATVIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

lebanese.lff - The quick brown fox jumps over the lazy dog. 0123456789
LEBANESE.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

limbo.lff - The quick brown fox jumps over the lazy dog. 0123456789
LIMBO.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

malayalam.lff - The quick brown fox jumps over the lazy dog. 0123456789
MALAYALAM.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

marathi.lff - The quick brown fox jumps over the lazy dog. 0123456789
MARATHI.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

mongolian.lff - The quick brown fox jumps over the lazy dog. 0123456789
MONGOLIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

nepali.lff - The quick brown fox jumps over the lazy dog. 0123456789
NEPALI.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

norwegian.lff - The quick brown fox jumps over the lazy dog. 0123456789
NORWEGIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

ossetian.lff - The quick brown fox jumps over the lazy dog. 0123456789
OSSETIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

persian.lff - The quick brown fox jumps over the lazy dog. 0123456789
PERSIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

portuguese.lff - The quick brown fox jumps over the lazy dog. 0123456789
PORTUGUESE.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

punjabi.lff - The quick brown fox jumps over the lazy dog. 0123456789
PUNJABI.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

romanian.lff - The quick brown fox jumps over the lazy dog. 0123456789
ROMANIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

romans.lff - The quick brown fox jumps over the lazy dog. 0123456789
ROMANS.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

romani.lff - The quick brown fox jumps over the lazy dog. 0123456789
ROMANI.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

rumanian.lff - The quick brown fox jumps over the lazy dog. 0123456789
RUMANIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

serbian.lff - The quick brown fox jumps over the lazy dog. 0123456789
SERBIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

sinhala.lff - The quick brown fox jumps over the lazy dog. 0123456789
SINHALA.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

spanish.lff - The quick brown fox jumps over the lazy dog. 0123456789
SPANISH.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

swedish.lff - The quick brown fox jumps over the lazy dog. 0123456789
SWEDISH.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

tamil.lff - The quick brown fox jumps over the lazy dog. 0123456789
TAMIL.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

telugu.lff - The quick brown fox jumps over the lazy dog. 0123456789
TELUGU.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

turkish.lff - The quick brown fox jumps over the lazy dog. 0123456789
TURKISH.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

ukrainian.lff - The quick brown fox jumps over the lazy dog. 0123456789
UKRAINIAN.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

urdu.lff - The quick brown fox jumps over the lazy dog. 0123456789
URDU.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

uzbek.lff - The quick brown fox jumps over the lazy dog. 0123456789
UZBEK.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

vietnamese.lff - The quick brown fox jumps over the lazy dog. 0123456789
VIETNAMESE.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

welsh.lff - The quick brown fox jumps over the lazy dog. 0123456789
WELSH.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()

yiddish.lff - The quick brown fox jumps over the lazy dog. 0123456789
YIDDISH.LFF - THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG. ? 1@#%$%^&*()
```

Issues

Some fonts have performance issues. This depends on the number of entities defining a single letter. When there are fonts with mostly less than 10 entities per letter, there are others with 50 to well over 100 entities per Letter.

From:

<https://dokuwiki.librecad.org/> - **Wiki**

Permanent link:

<https://dokuwiki.librecad.org/doku.php/community:fonts?rev=1691487738>

Last update: **2023/08/08 09:42**

