

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_ii.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.iff	Greek		
greekc.iff	Greek		
greekcs.iff	Greek		
greekp.iff	Greek		
greeks.iff	Greek		X
iso.iff	Latin	Sans Serif	X
iso3098.iff		Sans Serif	X
iso3098_i.iff		Sans Serif	X
italicc.iff		Serif	
italiccs.iff		Serif	
italict.iff		Serif	
kochigothic.iff		Sans Serif	
kochimincho.iff		Serif	
kst32b.iff		Sans Serif	X
lc_opengost-ar.iff		Sans Serif	X
lc_opengost-br.iff		Sans Serif	X
opengosttypea-regular.iff		Sans Serif	X
opengosttypeb-regular.iff		Sans Serif	X
romanc.iff		Serif	
romancs.iff		Serif	
romand.iff		Sans Serif	
romanp.iff		Serif	
romans.iff		Sans Serif	X
romansi.iff		Sans Serif	X
romant.iff		Serif	
scriptc.iff		Formal Script	
scripts.iff		Formal Script	
simplex.iff		Sans Serif	X
standard.iff		Sans Serif	X
syastro.iff	Symbol		
syimap.iff	Symbol		
symath.iff	Symbol		
symbol.iff	Symbol		
symbol_misc1.iff	Symbol		
symbol_misc2.iff	Symbol		
symeteo.iff	Symbol		
symusic.iff	Symbol		
unicode.iff		Sans Serif	X

Additional

Font File	Alphabet	Font Type	Technical / Single Line
wqy-unicode.iff	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: 2.1.3
Compiler: GNU GCC 4.9.1
Compiled on: Sep 23 2016
Qt Version: 5.4.1
Boost Version: 1.60.0
System: Windows 7

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:

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