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 list

Deployed

Font File	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	Sans Serif	X
gothgbt.lff	Blackletter / Gothic	
gothgrt.lff	Blackletter / Gothic	
gothitt.lff	Blackletter / Gothic	
greek_ol.lff	Greek Lettering	

Font File	Font Type	Technical / Single Line
greekc.lff	Greek Lettering	
greekcs.lff	Greek Lettering	
greekp.lff	Greek Lettering	
greeks.lff	Greek Lettering	X
iso.lff	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	Font Type	Technical / Single Line
wqy-unicode.lff	Sans Serif	

Examples

From 2.1.3

- DXF showing all fonts -

  LibreCadFonts_2.1.3.dxf

- PDF export from this DXF -

  LibreCadFonts_2.1.3.pdf

- PNG export from this DXF -

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.