Subject: Linking has failed - Undefined reference to
FT_Get_X11_Font_Format(FT_FaceRec_*)
Posted by Omnipraesens on Mon, 22 Feb 2021 23:44:31 GMT
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I was experiencing an issue with linking programs including the Draw library, wherein it would fail giving the error message in the title of this post. I was able to fix this issue by changing the line (line 13 in Draw/FontFc.cpp) #include <ftxf86.h> to #include <freetype2/freetype/ftfntfmt.h>.

This was necessary as ftxf86.h was renamed to ftfntfmt.h by FreeType upstream some time ago. While the exact path you need to provide may vary - the fix I provided is likely specific to my system - if you are experiencing the same error, you should be able to fix it by doing something similar to what I did.

Provided this issue isn't just a result of my somewhat atypical system configuration: if somebody could commit some form of the same fix - preferably utilising some mechanism to conditionally include either the old ftxf86.h or the new ftfntfmt.h depending on which is present, to preserve backwards compatibility - it would be greatly appreciated.

If this is a horrible hack, my bad. I'm half-decent at making things work, but I'm not particularly good at identifying whether I've done it the right way or have simply patched it up with the code equivalent of duct tape and elbow grease :twisted:

Hope this helps anyone who might be encountering the same issue.