
Subject: Another new ubuntu problem...

Posted by [mirek](#) on Thu, 15 May 2008 20:51:57 GMT

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There is an issue (were, actually there are two, but I am stuck at first) in new ubuntu that prevents me to make "2008.1" green and which I have hard times to resolve.

The problem is that in new ubuntu, fonts look inappropriate - they do not have the same hinting style etc.. as the rest of gtk.

In previous ubuntu, gtk/gnome cared about setting default fontconfig configuration to a degree, so all we needed to do was to leave values at default.

This is no longer true. So I have found a way how to read gtk's settings concerning font rendering. Anyway, XFT (or FC) does not seem to respond to my calls adjusting font rendering method.

In 7.10 everything seems to work....

The problem can be reduced to this:

Draw/DrawTextXft.cpp 154

```
XftFont *Draw::CreateXftFont(Font font, int angle)
{
    LTIMING("CreateXftFont");
    XftFont *xftfont;
    double sina, cosa;
    int hg = abs(font.GetHeight());
    if(hg == 0) hg = 10;
    int i = font.GetFace();
    if(i < 0 || i >= XFTFontFace().GetCount())
        i = 0;
    const char *face = i < 7 ? basic_fonts[i] : ~XFTFontFace().GetKey(i);
    FcPattern *p = FcPatternCreate();
    FcPatternAddString(p, FC_FAMILY, (FcChar8*)face);
    FcPatternAddInteger(p, FC_SLANT, font.IsItalic() ? 110 : 0);
    FcPatternAddInteger(p, FC_PIXEL_SIZE, hg);
    FcPatternAddInteger(p, FC_WEIGHT, font.IsBold() ? 200 : 100);
    FcPatternAddBool(p, FC_MINSPACE, 1);
    if(angle) {
        FcMatrix mx;
        SinCos(angle, sina, cosa);
        mx.xx = cosa;
        mx.xy = -sina;
        mx.yx = sina;
        mx.yy = cosa;
        FcPatternAddMatrix(p, FC_MATRIX, &mx);
    }
}
```

```
FcPatternAddBool(p, FC_ANTIALIAS, FcBool(0)); // note this line (1)
```

```
XftResult result;  
xftfont = XftFontOpenPattern(Xdisplay, XftFontMatch(Xdisplay, Xscreenno, p, &result));  
XftPatternDestroy(p);  
return xftfont;  
}
```

The presence of (1) line should switch off all antialiasing for fonts (means they should look ugly .
It does on 7.10, it does not on 8.04.....

I have tried to browse internet, spy on other opensource etc... even tried to figure this out in gtk.
No success so far...

Any help appreciated, this really drives me crazy (and I am starting to hate 8.04...)

Mirek
