
Subject: segmentation fault on Ubuntu Feisty
Posted by [mdelfede](#) on Mon, 10 Sep 2007 10:22:36 GMT
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I've 2 pc both with ubuntu feisty installed.
On the first one, theide works great.
On the second, it don't even start, giving 'segmentation fault' with no other messages, IF RAN AS A NORMAL USER.
Running as ROOT does work.
I don't know where to look for the problem... any suggestion ?

Best Regards

Max

edit : running on GDB shows this :

```
Program received signal SIGSEGV, Segmentation fault.  
[Switching to Thread -1219471664 (LWP 13303)]  
0xb78538e5 in XftCharExists () from /usr/lib/libXft.so.2
```

edit : with the workaround here :

http://www.ultimatepp.org/forum/index.php?t=msg&goto=9594&&srch=segmentation+fault#msg_9594

it does work.

Ciao

Max

Subject: Re: segmentation fault on Ubuntu Feisty
Posted by [mirek](#) on Mon, 10 Sep 2007 16:27:22 GMT
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Can you check this little bit more evolved fix, please

```
static int sCheckComposed(const char *face)  
{  
    XftFont *xftfont = XftFontOpen(Xdisplay, Xscreenno,  
                                   XFT_FAMILY, XftTypeString, (char *)face,  
                                   XFT_PIXEL_SIZE, XftTypeInteger, 20,  
                                   (void *)0);  
    if(xftfont == NULL )  
        return -1;
```

```

int n = 0;
for(int c = 0; c < 128; c++)
    if(!XftCharExists(Xdisplay, xftfont, c + 256))
        n++;
XftFontClose(Xdisplay, xftfont);
return n > 10;
}

void Draw::InitPlatformFonts()
{
    for(int i = 0; i < __countof(basic_fonts); i++) {
        XFTFontFaceInfo& f = XFTFontFace().Add(basic_fonts[i]);
        f.name = basic_fonts[i];
        f.scaleable = true;
        f.fixed = i == 3 || i == 6;
        f.compose = sCheckComposed(basic_fonts[i]);
    }
    FcFontSet *fs = XftListFonts(Xdisplay, Xscreenno, (void *)0, XFT_FAMILY, XFT_SPACING,
                                XFT_SCALABLE, (void *)0);
    for(int i = 0; i < fs->nfont; i++) {
        FcChar8 *family = NULL;
        if(FcPatternGetString(fs->font[i], FC_FAMILY, 0, &family) == 0 && family) {
            int comp = sCheckComposed(face);
            if(comp >= 0) {
                XFTFontFaceInfo& f = XFTFontFace().GetAdd((char *)family);
                int spacing;
                if(FcPatternGetInteger(fs->font[i], FC_SPACING, 0, &spacing) == 0 && spacing ==
XFT_MONO)
                    f.fixed = true;
                FcBool scaleable;
                if(FcPatternGetBool(fs->font[i], FC_SCALABLE, 0, &scaleable) == 0 && scaleable)
                    f.scaleable = true;
                f.compose = comp;
            }
        }
    }
    FcFontSetDestroy(fs);
}

```

(The point is to not include fonts that fail into the list of fonts..)

Mirek

Subject: Re: segmentation fault on Ubuntu Feisty
 Posted by [mdelfede](#) on Mon, 10 Sep 2007 19:51:40 GMT

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I'll test it tomorrow... here at home theide works with no patch !

Ciao

Max

Subject: Re: segmentation fault on Ubuntu Feisty
Posted by [mdelfede](#) on Tue, 11 Sep 2007 09:12:54 GMT

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'face' here is undefined :

```
int comp = sCheckComposed(face);
```

If I did understand the code (maybe not !) it must change like that :

```
int comp = sCheckComposed((char *)family);
```

Ciao

Max

Subject: Re: segmentation fault on Ubuntu Feisty
Posted by [mirek](#) on Wed, 12 Sep 2007 09:19:43 GMT

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Thanks!

Mirek

Subject: Re: segmentation fault on Ubuntu Feisty
Posted by [mdelfede](#) on Wed, 12 Sep 2007 09:51:28 GMT

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thanx to you for the software !
