
Subject: Re: Linking problem

Posted by [unknown user](#) on Mon, 21 Feb 2011 10:15:54 GMT

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mirek wrote on Mon, 21 February 2011 09:45dolik.rce wrote on Sun, 20 February 2011 17:42busiek wrote on Sun, 20 February 2011 15:15On Ubuntu Natty (development version of Ubuntu) I have problems with linking. For instance, compiling HelloWorld from examples gives in the end:

Linking...

```
/usr/bin/ld: /home/kubus/upp/out/Draw/GCC.Debug.Debug_full.Gui.Shared/$blitz.o: undefined
reference to symbol 'FT_New_Face'
/usr/bin/ld: note: 'FT_New_Face' is defined in DSO /usr/lib64/libfreetype.so.6 so try adding it to the
linker command line
/usr/lib64/libfreetype.so.6: could not read symbols: Invalid operation
collect2: ld returned 1 exit status
```

I installed upp and theide version 3192-maverick-amd64. I found a similar problem somewhere else:

https://bugzilla.redhat.com/show_bug.cgi?id=677692

Hi busiek,

First of all, I can fully confirm this problem. Theide itself fails to build on natty both in i386 and amd64, just tried to build it in launchpad.

The problem is that debian (and hence Ubuntu as well) changed its attitude to indirect linking (see here). To make U++ work in natty and new debian we will have to revise the packages to explicitly list all the libraries needed without relaying on the indirect linking.

Hopefully it is just a few libs in uppsrc. I will try to do this ASAP. BTW: We are not the only project affected by this - it broke 1400+ packages in natty

Also if you are interested in using upp/theide in natty, I can add natty versions to nightly builds as soon as this problem is resolved.

Best regards,
Honza

Maybe we could just change that linker option instead?

Mirek

It's simply solved by adding freetype lib to Draw and Xrender to CtrlCore. Honza will test it with build for Ubuntu Natty (11.04) in launchpad before commit to svn.

Andrei
