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Subject: Problems compiling packages/examples under Ubuntu

Posted by [irrdev](#) on Fri, 09 Nov 2007 12:28:17 GMT

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OK, I downloaded the latest deb installer for Linux, and ran the installer. Everything appeared fine, and I was able to successfully run the IDE. When I selected one of the examples to compile, however, I received many linker errors. I have tried every example so far, and nothing works. I am not new to using Ultimate++, but have been only running it on Windows XP. I copied the errors and pasted them below. It looks like I may have the wrong gtk libraries installed, but the deb installer should have fixed that. Here is the output:

```
----- CtrlLib ( GUI GCC LINUX ) (1 / 9)
----- CtrlCore ( GUI GCC LINUX ) (2 / 9)
----- RichText ( GUI GCC LINUX ) (3 / 9)
----- PdfDraw ( GUI GCC LINUX ) (4 / 9)
----- Draw ( GUI GCC LINUX ) (5 / 9)
----- Core ( GUI GCC LINUX ) (6 / 9)
----- plugin/bmp ( GUI GCC LINUX ) (7 / 9)
----- plugin/png ( GUI GCC LINUX ) (8 / 9)
----- Button ( GUI MAIN GCC LINUX ) (9 / 9)
```

Button.cpp

Button: 1 file(s) built in (0:27.56), 27565 msecs / file, duration = 27779 msecs

Linking...

/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libX11.a(CrGICur.o): In function `open\_library':

/build/buildd/libx11-1.1.1/obj-i486-linux-gnu/src/../../../../src/CrGICur.c:72: warning: Using 'dlopen' in statical

ly linked applications requires at runtime the shared libraries from the glibc version used for linking

/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libglib-2.0.a(gutils.o): In function `g\_get\_any\_init\_do': (.text+0x1472): warning: Using 'getpwuid' in statically linked applications requires at runtime the shared li

braries from the glibc version used for linking

/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libglib-2.0.a(gutils.o): In function `g\_get\_any\_init\_do': (.text+0x1465): warning: Using 'setpwent' in statically linked applications requires at runtime the shared li

braries from the glibc version used for linking

/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libglib-2.0.a(gutils.o): In function `g\_get\_any\_init\_do': (.text+0x147a): warning: Using 'endpwent' in statically linked applications requires at runtime the shared li

braries from the glibc version used for linking

/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libX11.a(GetDflt.o): In function `GetHomeDir':

/build/buildd/libx11-1.1.1/obj-i486-linux-gnu/src/../../../../src/GetDflt.c:133: warning: Using 'getpwnam\_r' in sta

tically linked applications requires at runtime the shared libraries from the glibc version used for link

ing

/build/buildd/libx11-1.1.1/obj-i486-linux-gnu/src/../../../../src/GetDflt.c:135: warning: Using 'getpwuid\_r' in sta

tically linked applications requires at runtime the shared libraries from the glibc version used for

```

link
ing
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libX11.a(x11_trans.o): In function
`_X11TransSocketOpen':
/usr/include/X11/Xtrans/Xtranssock.c:472: warning: Using 'getaddrinfo' in statically linked
applications requires at runtime the shared libraries from the glibc version used for linking
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libX11.a(x11_trans.o): In function
`UnixHostReallyLocal':
/usr/include/X11/Xtrans/Xtranssock.c:1893: warning: Using 'gethostbyname' in statically linked
applications requires at runtime the shared libraries from the glibc version used for linking
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libX11.a(x11_trans.o): In function
`_X11TransSocketINETConnect':
/usr/include/X11/Xtrans/Xtranssock.c:1678: warning: Using 'getservbyname' in statically linked
applications requires at runtime the shared libraries from the glibc version used for linking
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk-x11-2.0.a(gdkdisplay-x11.o): In function
`gdk_display_open':
(.text+0xfbd): undefined reference to `XCompositeQueryExtension'
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk-x11-2.0.a(gdkdisplay-x11.o): In function
`gdk_display_open':
(.text+0xfe4): undefined reference to `XDamageQueryExtension'
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk-x11-2.0.a(gdkevents-x11.o): In function
`gdk_event_translate':
(.text+0x1947): undefined reference to `XDamageSubtract'
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk-x11-2.0.a(gdkwindow-x11.o): In function
`_gdk_window_set_composited':
(.text+0xbb): undefined reference to `XCompositeRedirectWindow'
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk-x11-2.0.a(gdkwindow-x11.o): In function
`_gdk_window_set_composited':
(.text+0xcf): undefined reference to `XDamageCreate'
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk-x11-2.0.a(gdkwindow-x11.o): In function
`_gdk_window_set_composited':
(.text+0xf3): undefined reference to `XCompositeUnredirectWindow'
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk-x11-2.0.a(gdkwindow-x11.o): In function
`_gdk_window_set_composited':
(.text+0x102): undefined reference to `XDamageDestroy'
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk_pixbuf-2.0.a(io-jpeg.o): In function
`real_save_jpeg

```

':  
(.text+0x3a6): undefined reference to `jpeg\_std\_error'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x3e8): undefined reference to `jpeg\_CreateCompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x47b): undefined reference to `jpeg\_set\_defaults'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x495): undefined reference to `jpeg\_set\_quality'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x4a5): undefined reference to `jpeg\_start\_compress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x531): undefined reference to `jpeg\_write\_scanlines'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x559): undefined reference to `jpeg\_finish\_compress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x561): undefined reference to `jpeg\_destroy\_compress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x5fa): undefined reference to `jpeg\_destroy\_compress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`real\_save\_jpeg  
':  
(.text+0x694): undefined reference to `jpeg\_stdio\_dest'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_lines':  
(.text+0xe8d): undefined reference to `jpeg\_read\_scanlines'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x10ec): undefined reference to `jpeg\_start\_output'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp

eg\_image\_load\_increment':  
(.text+0x112e): undefined reference to `jpeg\_finish\_output'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x1147): undefined reference to `jpeg\_input\_complete'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x1156): undefined reference to `jpeg\_input\_complete'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x120f): undefined reference to `jpeg\_save\_markers'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x121f): undefined reference to `jpeg\_read\_header'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x129a): undefined reference to `jpeg\_calc\_output\_dimensions'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x12d0): undefined reference to `jpeg\_calc\_output\_dimensions'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load\_increment':  
(.text+0x1361): undefined reference to `jpeg\_start\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_stop\_load':  
(.text+0x1507): undefined reference to `jpeg\_destroy\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_stop\_load':  
(.text+0x153c): undefined reference to `jpeg\_finish\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x15ad): undefined reference to `jpeg\_std\_error'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x160c): undefined reference to `jpeg\_CreateDecompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp

eg\_image\_load':  
(.text+0x1666): undefined reference to `jpeg\_resync\_to\_restart'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x169e): undefined reference to `jpeg\_save\_markers'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x16ae): undefined reference to `jpeg\_read\_header'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x16bf): undefined reference to `jpeg\_start\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x1783): undefined reference to `jpeg\_read\_scanlines'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x17d2): undefined reference to `jpeg\_destroy\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x1820): undefined reference to `jpeg\_finish\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x1828): undefined reference to `jpeg\_destroy\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_load':  
(.text+0x1904): undefined reference to `jpeg\_destroy\_decompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_begin\_load':  
(.text+0x19d6): undefined reference to `jpeg\_CreateDecompress'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_begin\_load':  
(.text+0x1a13): undefined reference to `jpeg\_std\_error'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-jpeg.o): In function  
`gdk\_pixbuf\_\_jp  
eg\_image\_begin\_load':  
(.text+0x1a53): undefined reference to `jpeg\_resync\_to\_restart'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_pop\_handlers':

(.text+0x1e4): undefined reference to `TIFFSetErrorHandler'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_pop\_handlers':

(.text+0x1f1): undefined reference to `TIFFSetWarningHandler'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_push\_handlers':

(.text+0x234): undefined reference to `TIFFSetErrorHandler'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_push\_handlers':

(.text+0x245): undefined reference to `TIFFSetWarningHandler'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x3ed): undefined reference to `TIFFClientOpen'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x487): undefined reference to `TIFFSetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x49e): undefined reference to `TIFFSetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x4b6): undefined reference to `TIFFSetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x4d6): undefined reference to `TIFFSetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x4ed): undefined reference to `TIFFSetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o):(.text+0x50c): more undefined references to `TIFFSetField' follow

/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x592): undefined reference to `TIFFWriteScanline'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x5d6): undefined reference to `TIFFClose'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x600): undefined reference to `TIFFSetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x617): undefined reference to `TIFFSetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_save\_to\_callback':

(.text+0x624): undefined reference to `TIFFClose'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_image\_parse':

(.text+0x96b): undefined reference to `TIFFGetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_image\_parse':

(.text+0x9d0): undefined reference to `TIFFGetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_image\_parse':

(.text+0xac5): undefined reference to `TIFFGetField'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `tiff\_image\_parse':

(.text+0xb39): undefined reference to `TIFFReadRGBAImageOriented'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_stop\_load':

(.text+0xe35): undefined reference to `TIFFClientOpen'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_stop\_load':

(.text+0xe7d): undefined reference to `TIFFClose'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_load':

(.text+0x1046): undefined reference to `TIFFFdOpen'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libgdk\_pixbuf-2.0.a(io-tiff.o): In function `gdk\_pixbuf\_\_tiff\_image\_load':

(.text+0x10a2): undefined reference to `TIFFClose'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libpangocairo-1.0.a(libpangocairo\_1\_0\_la-pangocairo-fcfontm  
ap.o): In function `pango\_cairo\_fc\_font\_map\_get\_type':

(.text+0x7a): undefined reference to `pango\_fc\_font\_map\_get\_type'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libpangocairo-1.0.a(libpangocairo\_1\_0\_la-pangocairo-fcfontm  
ap.o): In function `pango\_cairo\_fc\_font\_map\_set\_resolution':

(.text+0x16e): undefined reference to `pango\_fc\_font\_map\_cache\_clear'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libpangocairo-1.0.a(libpangocairo\_1\_0\_la-pangocairo-fcfont.  
o): In function `pango\_cairo\_fc\_font\_get\_type':

(.text+0x6a): undefined reference to `pango\_fc\_font\_get\_type'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libpangocairo-1.0.a(libpangocairo\_1\_0\_la-pangocairo-fcfont.  
o): In function `pango\_cairo\_fc\_font\_create\_metrics\_for\_context':

(.text+0x335): undefined reference to `pango\_fc\_font\_create\_metrics\_for\_context'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libpango-1.0.a(libpango\_thai\_lang\_la-thai-lang.o): In funct  
ion `thai\_engine\_break':

(.text+0x124): undefined reference to `th\_uni2tis'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libpango-1.0.a(libpango\_thai\_lang\_la-thai-lang.o): In funct  
ion `thai\_engine\_break':

(.text+0x173): undefined reference to `th\_brk'  
/usr/lib/gcc/i486-linux-gnu/4.1.3/../../../../lib/libX11.a(ConnDis.o): In function `GetAuthorization':  
/build/buildd/libx11-1.1.1/obj-i486-linux-gnu/src/../../../../src/ConnDis.c:1253: undefined reference to

```
`XauDispos
eAuth'
/build/buildd/libx11-1.1.1/obj-i486-linux-gnu/src/../../src/ConnDis.c:1058: undefined reference to
`XauGetBes
tAuthByAddr'
/build/buildd/libx11-1.1.1/obj-i486-linux-gnu/src/../../src/ConnDis.c:1197: undefined reference to
`XdmcpWrap
'
```

collect2: ld returned 1 exit status

There were errors. (2:05.02)

Any help would be appreciated.

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Subject: Re: Problems compiling packages/examples under Ubuntu

Posted by [guido](#) on Fri, 09 Nov 2007 13:39:30 GMT

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Hi,

an all static build with gtk involved is tricky business and theming won't work, which is the reason to link to gtk in the first place, so it's pointless. You are getting link errors, because shared libs pull in dependend libs implicitly, while for static libs all dependend code needs to be listed on the link line explicitly.

Try a shared build. If you want static, build without gtk.

Guido

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Subject: Re: Problems compiling packages/examples under Ubuntu

Posted by [Lance](#) on Sat, 10 Nov 2007 01:40:37 GMT

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I had the same problem. When I was trying to find a solution, I found your post. After reading guido's reply, I successfully built an example using GCC Debug.

I failed when using GCC Size.

HTH

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Subject: Re: Problems compiling packages/examples under Ubuntu

Posted by [Lance](#) on Sat, 10 Nov 2007 01:47:24 GMT

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GCC Optimal also failed.

Yes, I used Shared instead of static. Something needs to be fixed.

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Subject: Re: Problems compiling packages/examples under Ubuntu  
Posted by [irrdev](#) on Sat, 10 Nov 2007 13:42:51 GMT

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Thanks for the replies! Yes, Debug mode worked for me, too. Debug uses Shared Builds by default, whereas the other options do not. Therefore, by selecting Optimal and also changing the "Link Build" option to "Shared Libs," everything works fine. This should be looked into though, since it would be nice to have Static linking support. There also should be official notes for new users, since it might be rather confusing. Anyway, thanks for the help!

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Subject: Re: Problems compiling packages/examples under Ubuntu  
Posted by [waxblood](#) on Sat, 10 Nov 2007 16:33:20 GMT

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irrdev wrote on Sat, 10 November 2007 14:42: Thanks for the replies! Yes, Debug mode worked for me, too. Debug uses Shared Builds by default, whereas the other options do not. Therefore, by selecting Optimal and also changing the "Link Build" option to "Shared Libs," everything works fine. This should be looked into though, since it would be nice to have Static linking support. There also should be official notes for new users, since it might be rather confusing. Anyway, thanks for the help!

The problem is that at present the Linux package maintainer is quite busy so there's not great support - anyway I'm glad new Linux dev version of the IDE started to work again ^^

David

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Subject: Re: Problems compiling packages/examples under Ubuntu  
Posted by [nixnixnix](#) on Tue, 20 Nov 2007 18:47:18 GMT

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There is a recent dev version as a .deb package? Where can I find this please?

Nick

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