Subject: gdk_pixbuf-2.0 linker error
Posted by koldo on Wed, 03 Aug 2011 08:58:41 GMT
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Hello all

Sorry for the simple question: I have installed U++ by hand in a new Ubuntu 11.04.

I have added new include folders, but I get an error when linking:

/usr/bin/ld: cannot find -lgdk_pixbuf-2.0

Linker folders set now are:
- /usr/X11R6/lib
- /usr/lib

What folder should I have to add?

Subject: Re: gdk_pixbuf-2.0 linker error
Posted by dolik.rce on Wed, 03 Aug 2011 10:25:23 GMT
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Hi Koldo!

The gdk_pixbuf-2.0 requires just include folder /usr/include/gdk-pixbuf-2.0. The library itself should reside in /usr/lib/libgdk_pixbuf-2.0.so, so your setting is correct.

It seems like there is a problem somewhere else. Are you sure that gdk-pixbuf2 package (or something similar) is installed?

Best regards,
Honza

Subject: Re: gdk_pixbuf-2.0 linker error
Posted by koldo on Wed, 03 Aug 2011 11:44:59 GMT
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Hello Honza!

File /usr/lib/libgdk_pixbuf-2.0.so exists. Packages libgdk_pixbuf-2.0 and libgdk_pixbuf-2.0-dev are installed too.

Subject: Re: gdk_pixbuf-2.0 linker error

Posted by dolik.rce on Wed, 03 Aug 2011 13:12:23 GMT
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koldo wrote on Wed, 03 August 2011 13:44Hello Honza!

File /usr/lib/libgdk_pixbuf-2.0.so exists. Packages libgdk_pixbuf-2.0 and libgdk_pixbuf-2.0-dev are installed too.
Huh, weird... Could you post the verbose output so I can see the command line of the linking step?

Honza

Subject: Re: gdk_pixbuf-2.0 linker error
Posted by koldo on Thu, 04 Aug 2011 14:53:49 GMT
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Hello Honza

Finally the solution has been to use the automatic setup.

It works well!

Subject: Re: gdk_pixbuf-2.0 linker error
Posted by rett on Thu, 15 Dec 2011 08:50:17 GMT
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Hello I have same problem.
theide compilation :
make -f uppbox/lpbuild/Makefile PKG=ide "FLAGS=GUI GCC SHARED" DIRS=uppsrc
Compilation sucessfuly finished.

Then I run theide and try compile example, but compilation is no sucessfuly.
Linking...
gcc-4.4 -static -o
"/home/andris/upp/_out/bazaar/GCC.Debug.Debug_Full.Gui.Noblitz/Tcc_Demo_Gui" -ggdb
-L"/usr/lib" -L"/usr/lib64" -Wl,-O,2 "/home/andris/upp/_out/bazaar/Tcc_Demo_Gui/G
CC.Debug.Debug_Full.Gui.Main.Noblitz/main.o"
"/home/andris/upp/_out/bazaar/CtrlLib/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlLib.o"
"/home/andris/upp/_out/bazaar/CtrlCore/GCC.Debug.Debu
g_Full.Gui.Noblitz/CtrlCore.o"
"/home/andris/upp/_out/bazaar/PdfDraw/GCC.Debug.Debug_Full.Gui.Noblitz/PdfReport.o"
"/home/andris/upp/_out/bazaar/plugin/bmp/GCC.Debug.Debug_Full.Gui
.Noblitz/BmpReg.o"
"/home/andris/upp/_out/bazaar/RichText/GCC.Debug.Debug_Full.Gui.Noblitz/RichImage.o"
"/home/andris/upp/_out/bazaar/plugin/png/GCC.Debug.Debug_Full.Gui.Noblitz/pn
greg.o" -Wl,--start-group

```
"/home/andris/upp/_out/bazaar/CtrlLib/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlLib.a"
"/home/andris/upp/_out/bazaar/Tcc/GCC.Debug.Debug_Full.Gui.Noblitz/Tcc.
 a" "/home/andris/upp/_out/bazaar/CtrlCore/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlCore.a"
"/home/andris/upp/_out/bazaar/PdfDraw/GCC.Debug.Debug_Full.Gui.Noblitz/PdfDraw.a"
"/home/andr
 is/upp/_out/bazaar/Draw/GCC.Debug.Debug_Full.Gui.Noblitz/Draw.a"
"/home/andris/upp/_out/bazaar/plugin/bmp/GCC.Debug.Debug_Full.Gui.Noblitz/bmp.a"
"/home/andris/upp/_out/bazaar/Rich
 Text/GCC.Debug.Debug_Full.Gui.Noblitz/RichText.a"
"/home/andris/upp/_out/bazaar/Core/GCC.Debug.Debug_Full.Gui.Noblitz/Core.a"
"/home/andris/upp/_out/bazaar/plugin/png/GCC.Debug.Deb
 ug_Full.Gui.Noblitz/png.a"
"/home/andris/upp/_out/bazaar/plugin/tcc/GCC.Debug.Debug_Full.Gui.Noblitz/tcc.a" -lgtk-x11-2.0
-lgdk-x11-2.0 -latk-1.0 -lgdk_pixbuf-2.0 -lm -lpangocairo-
 1.0 -lfontconfig -lXext -lXrender -lXinerama -lXi -lXrandr -lXcursor -lXfixes -lpango-1.0 -lcairo
-lX11 -lgobject-2.0 -lgmodule-2.0 -lglib-2.0 -lX11 -lXrender -ldl -lXft -lfontconf
 ig -lXrender -lfreetype -lnotify -ldl -lfreetype -lfontconfig -lexpat -lpthread -ldl -lz -lpng
-Wl,--end-group
/usr/bin/ld: cannot find -lgdk_pixbuf-2.0
/home/andris/upp/_out/bazaar/plugin/tcc/GCC.Debug.Debug_Full.Gui.Noblitz/tcc.a(tcc.o): In
function `tcc_add_file_internal':
/home/andris/upp/bazaar/plugin/tcc/tcc.c:10307: warning: Using 'dlopen' in statically linked
applications requires at runtime the shared libraries from the glibc version used for linki
 ng
collect2: ld returned 1 exit status
gcc-4.4 -static -o
"/home/andris/upp/_out/bazaar/GCC.Debug.Debug_Full.Gui.Noblitz/Tcc_Demo_Gui" -ggdb
-L"/usr/lib" -L"/usr/lib64" -Wl,-O,2  "/home/andris/upp/_out/bazaar/Tcc_Demo_Gui/G
 CC.Debug.Debug_Full.Gui.Main.Noblitz/main.o"
"/home/andris/upp/_out/bazaar/CtrlLib/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlLib.o"
"/home/andris/upp/_out/bazaar/CtrlCore/GCC.Debug.Debu
 g_Full.Gui.Noblitz/CtrlCore.o"
"/home/andris/upp/_out/bazaar/PdfDraw/GCC.Debug.Debug_Full.Gui.Noblitz/PdfReport.o"
"/home/andris/upp/_out/bazaar/plugin/bmp/GCC.Debug.Debug_Full.Gui
 .Noblitz/BmpReg.o"
"/home/andris/upp/_out/bazaar/RichText/GCC.Debug.Debug_Full.Gui.Noblitz/RichImage.o"
"/home/andris/upp/_out/bazaar/plugin/png/GCC.Debug.Debug_Full.Gui.Noblitz/pn
 greg.o" -Wl,--start-group
"/home/andris/upp/_out/bazaar/CtrlLib/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlLib.a"
"/home/andris/upp/_out/bazaar/Tcc/GCC.Debug.Debug_Full.Gui.Noblitz/Tcc.
 a" "/home/andris/upp/_out/bazaar/CtrlCore/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlCore.a"
"/home/andris/upp/_out/bazaar/PdfDraw/GCC.Debug.Debug_Full.Gui.Noblitz/PdfDraw.a"
"/home/andr
 is/upp/_out/bazaar/Draw/GCC.Debug.Debug_Full.Gui.Noblitz/Draw.a"
"/home/andris/upp/_out/bazaar/plugin/bmp/GCC.Debug.Debug_Full.Gui.Noblitz/bmp.a"
"/home/andris/upp/_out/bazaar/Rich
 Text/GCC.Debug.Debug_Full.Gui.Noblitz/RichText.a"
"/home/andris/upp/_out/bazaar/Core/GCC.Debug.Debug_Full.Gui.Noblitz/Core.a"
```

```
"/home/andris/upp/_out/bazaar/plugin/png/GCC.Debug.Deb
 ug_Full.Gui.Noblitz/png.a"
"/home/andris/upp/_out/bazaar/plugin/tcc/GCC.Debug.Debug_Full.Gui.Noblitz/tcc.a" -lgtk-x11-2.0
-lgdk-x11-2.0 -latk-1.0 -lgdk_pixbuf-2.0 -lm -lpangocairo-
 1.0 -lfontconfig -lXext -lXrender -lXinerama -lXi -lXrandr -lXcursor -lXfixes -lpango-1.0 -lcairo
-lX11 -lgobject-2.0 -lgmodule-2.0 -lglib-2.0 -lX11 -lXrender -ldl -lXft -lfontconf
 ig -lXrender -lfreetype -lnotify -ldl -lfreetype -lfontconfig -lexpat -lpthread -ldl -lz -lpng
-Wl,--end-group
Error executing gcc-4.4 -static -o
"/home/andris/upp/_out/bazaar/GCC.Debug.Debug_Full.Gui.Noblitz/Tcc_Demo_Gui" -ggdb
-L"/usr/lib" -L"/usr/lib64" -Wl,-O,2  "/home/andris/upp/_out/bazaa
 r/Tcc_Demo_Gui/GCC.Debug.Debug_Full.Gui.Main.Noblitz/main.o"
"/home/andris/upp/_out/bazaar/CtrlLib/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlLib.o"
"/home/andris/upp/_out/bazaar/CtrlCor
 e/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlCore.o"
"/home/andris/upp/_out/bazaar/PdfDraw/GCC.Debug.Debug_Full.Gui.Noblitz/PdfReport.o"
"/home/andris/upp/_out/bazaar/plugin/bmp/GCC.Debu
 g.Debug_Full.Gui.Noblitz/BmpReg.o"
"/home/andris/upp/_out/bazaar/RichText/GCC.Debug.Debug_Full.Gui.Noblitz/RichImage.o"
"/home/andris/upp/_out/bazaar/plugin/png/GCC.Debug.Debug_Ful
 l.Gui.Noblitz/pngreg.o" -Wl,--start-group
"/home/andris/upp/_out/bazaar/CtrlLib/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlLib.a"
"/home/andris/upp/_out/bazaar/Tcc/GCC.Debug.Debug_Full.
 Gui.Noblitz/Tcc.a"
"/home/andris/upp/_out/bazaar/CtrlCore/GCC.Debug.Debug_Full.Gui.Noblitz/CtrlCore.a"
"/home/andris/upp/_out/bazaar/PdfDraw/GCC.Debug.Debug_Full.Gui.Noblitz/PdfDra
 w.a" "/home/andris/upp/_out/bazaar/Draw/GCC.Debug.Debug_Full.Gui.Noblitz/Draw.a"
"/home/andris/upp/_out/bazaar/plugin/bmp/GCC.Debug.Debug_Full.Gui.Noblitz/bmp.a"
"/home/andris/upp/
 _out/bazaar/RichText/GCC.Debug.Debug_Full.Gui.Noblitz/RichText.a"
"/home/andris/upp/_out/bazaar/Core/GCC.Debug.Debug_Full.Gui.Noblitz/Core.a"
"/home/andris/upp/_out/bazaar/plugin/p
 ng/GCC.Debug.Debug_Full.Gui.Noblitz/png.a"
"/home/andris/upp/_out/bazaar/plugin/tcc/GCC.Debug.Debug_Full.Gui.Noblitz/tcc.a" -lgtk-x11-2.0
-lgdk-x11-2.0 -latk-1.0 -lgdk_pixbuf-2.0 -
 lm -lpangocairo-1.0 -lfontconfig -lXext -lXrender -lXinerama -lXi -lXrandr -lXcursor -lXfixes
-lpango-1.0 -lcairo -lX11 -lgobject-2.0 -lgmodule-2.0 -lglib-2.0 -lX11 -lXrender -ldl
 -lXft -lfontconfig -lXrender -lfreetype -lnotify -ldl -lfreetype -lfontconfig -lexpat -lpthread -ldl -lz
-lpng -Wl,--end-group
Exitcode: 1
```

OS: ubuntu 10.10 (and ubuntu 11.10)
/usr/lib/libgdk_pixbuf-2.0.so - exist

Subject: Re: gdk_pixbuf-2.0 linker error
Posted by dolik.rce on Thu, 15 Dec 2011 12:31:14 GMT

Oh, suddenly I think I see the problem

Check your Output mode settings, I believe you have linking set to "static". So the linker is looking for libgdk-pixbuf-2.0.a, which is probably not present. If you switch it to "shared" it should begin to work...

Best regards,
Honza