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Subject: First compiling under Linux; /usr/bin/ld: cannot find  
Posted by [Alexander\\_Ag](#) on Mon, 18 Mar 2013 19:18:38 GMT  
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Its first trying compile simple project under Linux, under Windows i have no problem with compiling and linking.  
So project ask for some header files, I've added some lines to "SETUP" => "Build methods.." => "INCLUDE directories" :

```
/usr/include  
/usr/include/freetype2  
/usr/include/gtk-2.0  
/usr/include/glib-2.0  
/usr/lib/i386-linux-gnu/glib-2.0/include  
/usr/include/cairo  
/usr/include/pango-1.0  
/usr/lib/i386-linux-gnu/gtk-2.0/include  
/usr/include/gdk-pixbuf-2.0  
/usr/include/atk-1.0
```

After that no questions about "someHeader.h", but I got next message:

```
/*****/  
  
----- RichText ( GUI SSE2 GCC DEBUG DEBUG_MINIMAL BLITZ LINUX POSIX ) ( 6 / 9)  
----- Core ( GUI SSE2 GCC DEBUG DEBUG_MINIMAL BLITZ LINUX POSIX ) ( 7 / 9)  
----- plugin/png ( GUI SSE2 GCC DEBUG DEBUG_MINIMAL BLITZ LINUX POSIX ) ( 8 / 9)  
----- example ( GUI SSE2 MAIN GCC DEBUG DEBUG_MINIMAL BLITZ LINUX POSIX ) ( 9 / 9)  
main.cpp  
example: 1 file(s) built in (0:03.07), 3072 msecs / file, duration = 3077 msecs  
Linking...  
/usr/bin/ld: cannot find -latk-1.0  
/usr/bin/ld: cannot find -lgdk_pixbuf-2.0  
/home/sas/.upp/_out/MyApps/Core/GCC.Debug.Debug_Minimal.Gui. Sse2/$blitz.o: In function  
`CheckDll__(char const*, char const* const*, Upp::Vec  
tor<void*>&):  
$blitz.cpp:(.text+0x56a81): warning: Using 'dlopen' in statically linked applications requires at  
runtime the shared libraries from the gli  
bc version used for linking  
collect2: ld returned 1 exit status
```

There were errors. (0:05.95)

```
/*****/
```

I check that libraries and links :

apt-file search libatk-1.0

libatk1.0-0: /usr/lib/i386-linux-gnu/libatk-1.0.so.0

libatk1.0-0: /usr/lib/i386-linux-gnu/libatk-1.0.so.0.20409.1

libatk1.0-dbgsym: /usr/lib/debug/usr/lib/i386-linux-gnu/libatk-1.0.so.0.20409.1

libatk1.0-dev: /usr/lib/i386-linux-gnu/libatk-1.0.so

ls -l /usr/lib/i386-linux-gnu/libatk-1.0\*

lrwxrwxrwx 1 root root 23 Mar 28 2012 /usr/lib/i386-linux-gnu/libatk-1.0.so ->

libatk-1.0.so.0.20409.1

lrwxrwxrwx 1 root root 23 Sep 13 2012 /usr/lib/i386-linux-gnu/libatk-1.0.so.0 ->

libatk-1.0.so.0.20409.1

-rw-r--r-- 1 root root 124620 Mar 28 2012 /usr/lib/i386-linux-gnu/libatk-1.0.so.0.20409.1

apt-file search libgdk\_pixbuf-2.0

libgdk-pixbuf2.0-0: /usr/lib/i386-linux-gnu/libgdk\_pixbuf-2.0.so.0

libgdk-pixbuf2.0-0: /usr/lib/i386-linux-gnu/libgdk\_pixbuf-2.0.so.0.2600.1

libgdk-pixbuf2.0-dev: /usr/lib/i386-linux-gnu/libgdk\_pixbuf-2.0.so

ls -l /usr/lib/i386-linux-gnu/libgdk\_pixbuf-2.0\*

lrwxrwxrwx 1 root root 29 Apr 16 2012 /usr/lib/i386-linux-gnu/libgdk\_pixbuf-2.0.so ->

libgdk\_pixbuf-2.0.so.0.2600.1

lrwxrwxrwx 1 root root 29 Sep 13 2012 /usr/lib/i386-linux-gnu/libgdk\_pixbuf-2.0.so.0 ->

libgdk\_pixbuf-2.0.so.0.2600.1

-rw-r--r-- 1 root root 128964 Apr 16 2012 /usr/lib/i386-linux-gnu/libgdk\_pixbuf-2.0.so.0.2600.1

All libs and links is OK

I add lines to "LIB directories" :

/usr/lib

/usr/lib/i386-linux-gnu

But got the same error ... any help

uname -a

Linux sas-Presario 3.2.0-23-generic #36-Ubuntu SMP Tue Apr 10 20:41:14 UTC 2012 i686 athlon  
i386 GNU/Linux