Subject: Packages needed for compile [SOLVED]
Posted by rbmatt on Tue, 01 Aug 2006 05:23:15 GMT
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So what packages are needed to compile theIDE in Linux?
Right now I'm getting an error that there's an undefined reference to `XauDisposeAuth' and `XauGetBestAuthByAddr' coming from libX11.a
Any clues

Subject: Re: Packages needed for compile
Posted by mirek on Tue, 01 Aug 2006 06:20:16 GMT
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That is really strange, I never heard or referenced anything named like this....

What distro are you using?

Mirek

Subject: Re: Packages needed for compile
Posted by 3togo on Tue, 01 Aug 2006 08:58:13 GMT
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You need to install libxau-dev & libxau6 before u could compile ide

libxau-dev - X11 authorisation library (development headers)
libxau6 - X11 authorisation library

Subject: Re: Packages needed for compile
Posted by exolon on Tue, 01 Aug 2006 12:40:34 GMT
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I get these errors if I try to compile applications with "all static" as the link mode in Ubuntu.
And some kind of error messages about libxinerama...?

and I have those packages already...oisin@euler:~$ sudo apt-get install libxau6 libxau-dev
Reading package lists... Done
Building dependency tree... Done
libxau6 is already the newest version.
libxau-dev is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.

Trying to build with link mode as "use shared libs" works, though.

However, I noticed that even very simple applications compile to over 2 megs in Windows with mingw-g++ ... is this normal?

Subject: Re: Packages needed for compile
Posted by mirek on Tue, 01 Aug 2006 13:34:37 GMT
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- you cannot build in static mode in linux. We perhaps should that option remove completely... (the cause is that some linux libraries are simply missing in static form).

- mingw - unfortunately, it is correct. GCC is not very good in keeping executable size low.

That said, very small GUI apps are really a bit long (1MB with MSC compiler) (no surprise, they contain a lot of stuff statically linked in). That is the price we pay for being "self-contained". IME, it is better to sacrifice 1MB than to introduce DLL-hell.

Moreover, to good part is that the code size grows slowly afterwards. Just consider amount of functions TheIDE contains in 4MB .exe...

Mirek

Subject: Re: Packages needed for compile
Posted by 3togo on Tue, 01 Aug 2006 14:18:52 GMT
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I think u make a very good point. You must use shared libs mode as it is the safest way to do so.

By the way, what are the error messages about libxinerama?

Also, u must select "Blitz" so that u will not need to compile more than 2Mpeg for a simple program the second time. For the first time, no magics could be done other than have your fingers crossed.

exolon wrote on Tue, 01 August 2006 08:40I get these errors if I try to compile applications with "all static" as the link mode in Ubuntu.
And some kind of error messages about libxinerama...?

and I have those packages already...oisin@euler:~$ sudo apt-get install libxau6 libxau-dev
Reading package lists... Done
Building dependency tree... Done

libxau6 is already the newest version.
libxau-dev is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.

Trying to build with link mode as "use shared libs" works, though.

However, I noticed that even very simple applications compile to over 2 megs in Windows with mingw-g++ ... is this normal?

Subject: Re: Packages needed for compile
Posted by rbmatt on Tue, 01 Aug 2006 21:17:30 GMT
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I'm using ubuntu, 6.06 Dapper Drake.
Quote:rbmatt@rbmatt-desktop:~$ sudo apt-get install libxau6 libxau-dev
Reading package lists... Done
Building dependency tree... Done
libxau6 is already the newest version.
libxau-dev is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Tried it with about every combo of build options, all give that error.
I'm going to try a fresh install to see if somehow a detected path was wrong (I did not have all the necessary packages when I first installed).
I'll let you know how it goes.

Subject: Re: Packages needed for compile
Posted by 3togo on Thu, 03 Aug 2006 04:09:20 GMT
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Have u tried "make clean" before "make" again?

Subject: Re: Packages needed for compile
Posted by rbmatt on Thu, 03 Aug 2006 04:25:18 GMT
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Sorry, I thought I had replied to this. A reinstall did the trick- I don't know if it was a path setup wrong b/c I didn't have all the packages installed or what. But it works now. And all is good. Thanks.

Subject: Re: Packages needed for compile
Posted by fudadmin on Thu, 03 Aug 2006 04:38:02 GMT

rbmatt wrote on Thu, 03 August 2006 05:25Sorry, I thought I had replied to this. A reinstall did the trick- I don't know if it was a path setup wrong b/c I didn't have all the packages installed or what. But it works now. And all is good.
Thanks.

After your problem is solved, please edit your first post and add [SOLVED]
P.S. I keep forgetting those things myself...