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Subject: Archlinux build of theide-nogtk-svn fails with error, asks for gtk.h.

Posted by [Oblivion](#) on Wed, 05 Sep 2012 16:57:24 GMT

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Hello,

I have tried to compile the latest TheIDE/U++ svn build (as of september 5, 2012, it is theide-nogtk-svn 5318-1) from the AUR on my ArchLinux desktop, but compilation process failed with the following error:

```
./aur-theide-nogtk-svn/src/upsvn/upsrsrc/CtrlLib/ChGtk.h:9:21: fatal error: gtk/gtk.h: no such file or directory
```

I don't have gtk installed in my machine. Does "nogtk" version also depend on gtk?? Or am I doing something wrong?

Thanks in advance.

Regards.

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Subject: Re: Archlinux build of theide-nogtk-svn fails with error, asks for gtk.h.

Posted by [dolik.rce](#) on Wed, 05 Sep 2012 20:36:21 GMT

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Oblivion wrote on Wed, 05 September 2012 18:57Hello,

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```

I don't have gtk installed in my machine. Does "nogtk" version also depend on gtk?? Or am I doing something wrong?

Thanks in advance.

Regards.

Hi Oblivion,

That looks wrong I looked quickly into the code and I believe ChGtk.h should be included only when NOGTK flag is not present. Could you capture and post a complete log of the build? Something like:  
yaourt -S theide-nogtk-svn --noconfirm &> theide.log  
There might be some error in the PKGBUILD. I use it regularly, but I have gtk installed, so I probably wouldn't spot the problem...

Best regards,  
Honza

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Subject: Re: Archlinux build of theide-nogtk-svn fails with error, asks for gtk.h.  
Posted by [Oblivion](#) on Wed, 05 Sep 2012 22:13:19 GMT

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dolik.rce wrote on Wed, 05 September 2012 23:36  
Oblivion wrote on Wed, 05 September 2012 18:57  
Hello,

I have tried to compile the latest TheIDE/U++ svn build (as of september 5, 2012, it is theide-nogtk-svn 5318-1) from the AUR on my ArchLinux desktop, but compilation process failed with the following error:

./aur-theide-nogtk-svn/src/uppsvn/uppsrc/CtrlLib/ChGtk.h:9:21: fatal error: gtk/gtk.h: no such file or directory

I don't have gtk installed in my machine. Does "nogtk" version also depend on gtk?? Or am I doing something wrong?

Thanks in advance.

Regards.  
Hi Oblivion,

That looks wrong I looked quickly into the code and I believe ChGtk.h should be included only when NOGTK flag is not present. Could you capture and post a complete log of the build?

Something like:  
yaourt -S theide-nogtk-svn --noconfirm &> theide.log

There might be some error in the PKGBUILD. I use it regularly, but I have gtk installed, so I probably wouldn't spot the problem...

Best regards,  
Honza

Hello Honza,

Thank you for your quick reply, and efforts in bringing my favourite C++ framework to ArchLinux.

I have attached the log. Some parts of the warning message are in Turkish, if you need to know but can't figure out what those lines mean, I'll translate it into English, but afaik they don't seem to be very important. The error message you are looking for is at the line: 3253

Regards

#### File Attachments

1) [theide.log](#), downloaded 448 times

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Subject: Re: Archlinux build of theide-nogtk-svn fails with error, asks for gtk.h.

Posted by [dolik.rce](#) on Thu, 06 Sep 2012 05:56:48 GMT

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Thanks for the log, I'll try to figure out what happened... By the way, could you try to build theide using umk? If the problem is in the sources, it will fail as well, but if it is the PKGBUILD what's wrong it should work... The umk is compiled first, so even if the build fails it should be present in ".../aur-theide-nogtk-svn/src/umk".

Honza

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Subject: Re: Archlinux build of theide-nogtk-svn fails with error, asks for gtk.h.

Posted by [dolik.rce](#) on Thu, 06 Sep 2012 06:01:30 GMT

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Never mind the umk... I think I found the problem

The file CtrlLib/ChGtk.cpp starts like this:  
#include "CtrlLib.h"  
#include "ChGtk.h"

#ifdef GUI\_X11  
#ifndef flagNOGTK  
The ChGtk.h include should be AFTER the #ifndef ChGtk.h...

Can you try to modify the sources and rebuild to confirm it will work then? And someone with commit rights to CtrlLib, please fix it

Honza

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Subject: Re: Archlinux build of theide-nogtk-svn fails with error, asks for gtk.h.

Posted by [Oblivion](#) on Thu, 06 Sep 2012 09:47:45 GMT

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dolik.rce wrote on Thu, 06 September 2012 09:01  
Never mind the umk... I think I found the problem

The file CtrlLib/ChGtk.cpp starts like this:  
  #include "CtrlLib.h"  
  #include "ChGtk.h"

```
#ifdef GUI_X11
#ifndef flagNOGTK
```

The ChGtk.h include should be AFTER the #ifndef ChGtk.h...

Can you try to modify the sources and rebuild to confirm it will work then? And someone with commit rights to CtrLib, please fix it

Honza

Hello Honza,

I've modified the source code, and I can confirm that now it works. Thank you.

Regards.

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Subject: Re: Archlinux build of theide-nogtk-svn fails with error, asks for gtk.h.  
Posted by [dolik.rce](#) on Thu, 06 Sep 2012 16:20:02 GMT

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Great to know this was the only problem. Hopefully it will be fixed in the svn soon.

Honza

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