
Subject: Ultimate++ on Arch Linux?

Posted by [lectus](#) on Mon, 03 Mar 2008 00:57:17 GMT

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Hello!

I see you provide deb files for Ultimate++ on Linux.

It would be OK if I was running Debian or Ubuntu, but I'm running Arch Linux.

How can I install Ultimate++ on systems that don't handle deb or rpm files?

Thanks

Subject: Re: Ultimate++ on Arch Linux?

Posted by [unodgs](#) on Mon, 03 Mar 2008 08:13:31 GMT

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lectus wrote on Sun, 02 March 2008 19:57Hello!

I see you provide deb files for Ultimate++ on Linux.

It would be OK if I was running Debian or Ubuntu, but I'm running Arch Linux.

How can I install Ultimate++ on systems that don't handle deb or rpm files?

Thanks

I use Arch too You can just unpack rpm manually (you need theide file only). If theide won't start try to build it using a makefile attached to upp sources (it was attached in previous linux packages)

Subject: Re: Ultimate++ on Arch Linux?

Posted by [lectus](#) on Tue, 04 Mar 2008 04:56:32 GMT

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I'm more or less new to linux. I don't understand how exactly I can do this.

I could unpack the rpm with rpmextract, but when I start theide it can't find the examples and the libraries path. So, how can I get it right?

Can you please provide a mini-tutorial showing which package to download and which commands to type to get U++ installed?

Thank you

EDIT: It seems I got it installed by unpacking to /usr and running theide.

The problem now is that I can't compile any U++ project.

The compiler can't find "bits/atomicity.h".

Subject: Re: Ultimate++ on Arch Linux?

Posted by [mdelfede](#) on Tue, 04 Mar 2008 12:57:09 GMT

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lectus wrote on Tue, 04 March 2008 05:56 I'm more or less new to linux. I don't understand how exactly I can do this.

I could unpack the rpm with rpmextract, but when I start theide it can't find the examples and the libraries path. So, how can I get it right?

Can you please provide a mini-tutorial showing which package to download and which commands to type to get U++ installed?

Thank you

EDIT: It seems I got it installed by unpacking to /usr and running theide.

The problem now is that I can't compile any U++ project.

The compiler can't find "bits/atomicity.h".

Well, quick instructions to manual install of .deb package in rpm distro.... not tested but should work well.

1) extract from .deb the file 'data.tar.gz'. .deb files are just archives, so it's quite easy.

2) put 'data.tar.gz' on root folder (/) and unpack it, as a superuser :

```
tar -xzf data.tar.gz
```

that should recreate the correct folder tree. If you use SVN packages, it will put sources in /usr/share/upp-svn/..., the binary in /usr/bin/theide-svn, and so on.

3) Launch theide-svn executable; it will prompt and ask if you want to copy files in user path. Just say OK and accept the default, or change it if you like.

On updates, simply repeat all above steps.

As told above, for svn packages the executable is named 'theide-svn', the default user folder is ~/upp-svn. That allows to have svn, (future) devel and (future) stable releases together.

Ciao

Max

Subject: Re: Ultimate++ on Arch Linux?

Posted by [cbpporter](#) on Tue, 04 Mar 2008 13:14:25 GMT

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Quote:I'm more or less new to linux.

IMO, Arch is really not well suited if you are new to Linux. Try something more user friendly until you get really comfortable with command line. Do you use it for the 686 optimized binaries?

Subject: Re: Ultimate++ on Arch Linux?

Posted by [lectus](#) on Tue, 04 Mar 2008 15:24:04 GMT

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cbpporter wrote on Tue, 04 March 2008 08:14Quote:I'm more or less new to linux.

IMO, Arch is really not well suited if you are new to Linux. Try something more user friendly until you get really comfortable with command line. Do you use it for the 686 optimized binaries?

I know linux. I just didn't know how to install Ultimate++ in it. I use Arch to learn more about Linux.

mdelfede: Thanks. I'll try it.

EDIT: It was the same what I did before. I just didn't use the commandline. When I tried first it installed but couldn't compile anything. Now it installed again, but the examples didn't load into theide.

Very strange.

Subject: Re: Ultimate++ on Arch Linux?

Posted by [mdelfede](#) on Tue, 04 Mar 2008 18:50:44 GMT

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lectus wrote on Tue, 04 March 2008 16:24

mdelfede: Thanks. I'll try it.

EDIT: It was the same what I did before. I just didn't use the commandline. When I tried first it installed but couldn't compile anything. Now it installed again, but the examples didn't load into theide.

Very strange.

mhhhh... *if* you used svn package and *if* you installed it on right places (i.e., the correct three, with theide-svn in /usr/bin and upp source three in /usr/share/upp-svn) it should work.

At least, if you're not missing some dependencies and/or header files.... Which kind of error do you get ?

Max

edit : how did you manage to put stuffs on /usr/bin and /usr/share/upp-svn without command line ? you can, but then you must run nautilus (or whatever you have as file manager) as root.

If you didn't put source tree in right place, it can't work.

BTW, before trying again, remove .upp tree in you home dir :

```
rm -r ~/.upp
```

then try *exactly* what I posted before.

Hope that helps...

Max

Subject: Re: Ultimate++ on Arch Linux?

Posted by [lectus](#) on Tue, 04 Mar 2008 19:29:37 GMT

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I got it installed!

But can't compile anything:

Quote:

----- CtrlLib (GUI GCC DEBUG SHARED BLITZ LINUX) (1 / 10)

BLITZ: LabelBase.cpp Button.cpp Switch.cpp EditField.cpp Text.cpp LineEdit.cpp DocEdit.cpp

ScrollBar.cpp HeaderCtrl.cpp ArrayCtrl.cpp DropBox.cpp DropList.cpp DropPusher.cpp

DropChoice

.cpp Static.cpp Splitter.cpp FrameSplitter.cpp SliderCtrl.cpp ColumnList.cpp Progress.cpp

AKeys.cpp RichTextView.cpp Prompt.cpp Help.cpp DateTimeCtrl.cpp Bar.cpp MenuBar.cpp

ToolBa

r.cpp ToolTip.cpp StatusBar.cpp TabCtrl.cpp TreeCtrl.cpp DlgColor.cpp ColorPopup.cpp

ColorPusher.cpp FileList.cpp FileSel.cpp PrinterJob.cpp Windows.cpp Win32.cpp

TrayIconWin32.cpp

TrayIconX11.cpp CtrlUtil.cpp Update.cpp LNGCtrl.cpp Ch.cpp ChGtk.cpp

In file included from /home/freddy/upp/uppsrc/Draw/Draw.h:4,

from /home/freddy/upp/uppsrc/CtrlCore/CtrlCore.h:4,

from /home/freddy/upp/uppsrc/CtrlLib/CtrlLib.h:4,

from /home/freddy/upp/uppsrc/CtrlLib/LabelBase.cpp:1,

from /home/freddy/upp/out/CtrlLib/GCC.Debug.Gui.Shared/\$blitz.cpp :3:

encontrado

In file included from /home/freddy/upp/out/CtrlLib/GCC.Debug.Gui.Shared/\$blitz.cpp :271:

/home/freddy/upp/uppsrc/CtrlLib/ChGtk.cpp:453: warning: deprecated conversion from string

ChWin32.cpp

In file included from /home/freddy/upp/uppsrc/Draw/Draw.h:4,

from /home/freddy/upp/uppsrc/CtrlCore/CtrlCore.h:4,

from /home/freddy/upp/uppsrc/CtrlLib/CtrlLib.h:4,

from /home/freddy/upp/uppsrc/CtrlLib/ChWin32.cpp:1:

encontrado

CtrlLib.icpp

In file included from /home/freddy/upp/uppsrc/Draw/Draw.h:4,

from /home/freddy/upp/uppsrc/CtrlCore/CtrlCore.h:4,

from /home/freddy/upp/uppsrc/CtrlLib/CtrlLib.h:4,

from /home/freddy/upp/uppsrc/CtrlLib/CtrlLib.icpp:1:

encontrado

CtrlLib: 49 file(s) built in (0:14.40), 293 msec / file, duration = 14531 msec

There were errors. (0:14.53)

It's missing bits/atomicity. What dependencies am I missing?

Subject: Re: Ultimate++ on Arch Linux?

Posted by [mdelfede](#) on Tue, 04 Mar 2008 19:56:39 GMT

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you're missing some devel libs/includes.

I don't know arclinux, in ubuntu you could get them (afaik) installing build-essentials package.... I think you must look for some docs on how to get build environment in arclinux.

Ciao

Max

Subject: Re: Ultimate++ on Arch Linux?

Posted by [lectus](#) on Tue, 04 Mar 2008 20:12:34 GMT

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Thanks! But I already have GCC installed. But build-essentials is a meta-package that only exists on Ubuntu.

EDIT: I installed from Arch Linux AUR (unsupported repo) and now works!!

Thanks!

Subject: Re: Ultimate++ on Arch Linux?

Posted by [mdelfede](#) on Tue, 04 Mar 2008 22:09:10 GMT

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The good stuff of debian packages is that dependencies are really well solved.... Never got that so good when I used rpm.

Max

Subject: Re: Ultimate++ on Arch Linux?

Posted by [mr_ped](#) on Tue, 04 Mar 2008 22:48:18 GMT

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lectus wrote on Tue, 04 March 2008 21:12 Thanks! But I already have GCC installed. But build-essentials is a meta-package that only exists on Ubuntu.

EDIT: I installed from Arch Linux AUR (unsupported repo) and now works!!
Thanks!

GCC is GNU collection of compilers... it's far from complete build toolchain. (there's a reason why it is called "tool chain" after all)

Compiler is very very important part of building process, but also quite small part of it anyway.

The meta-package "build-essentials" on *Ubuntu was one of those points which made me very enthusiastic and happy about Kubuntu. I really fell in love for the 1 step process of turning my freshly installed user desktop OS into environment ready to produce SW. Since then I found also many things which make me sad, but still in overall I like it a lot.

Subject: Re: Ultimate++ on Arch Linux?

Posted by [cbpporter](#) on Wed, 05 Mar 2008 09:09:51 GMT

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Quote:I know linux. I just didn't know how to install Ultimate++ in it. I use Arch to learn more about Linux.

Sorry, I didn't mean to imply that you don't know it. I was just suggesting a more user friendly distro with larger user base.

But if you want to really go in depth with Linux, I guess Arch is a very good candidate offering a nice balance of manual configuration and maybe possibly frustration .

Quote:GCC is GNU collection of compilers... it's far from complete build toolchain. (there's a reason why it is called "tool chain" after all)

Compiler is very very important part of building process, but also quite small part of it anyway.

The meta-package "build-essentials" on *Ubuntu was one of those points which made me very enthusiastic and happy about Kubuntu. I really fell in love for the 1 step process of turning my freshly installed user desktop OS into environment ready to produce SW. Since then I found also many things which make me sad, but still in overall I like it a lot.

Well, here is some info regarding build-essential: [link](#). It is Ubuntu specific, but could point you in the right direction of what packages to download. You need the dev packages of you basic C/C++ library functions + glib-dev + gtk-dev (If you want skinning). Sorry that I can't give you more specific info, because I usually just tick a checkbox or two in setup, and have an almost fully functional build machine.

Subject: Re: Ultimate++ on Arch Linux?

Posted by [lectus](#) on Thu, 06 Mar 2008 20:50:48 GMT

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Yes, Ubuntu is very handy for that.

But for now, I'll stick to my arch.

BTW... I got it pretty much installed on Arch Linux and compiles fine. My problem now: I don't get the templates when I click "new package".
What files am I missing?

Subject: Re: Ultimate++ on Arch Linux?
Posted by [waxblood](#) on Sun, 09 Mar 2008 07:20:26 GMT
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Quote: I don't get the templates when I click "new package".
What files am I missing?

See this thread:
http://www.ultimatepp.org/forum/index.php?t=msg&goto=9359&#msg_9359

Maybe there are other template files you could find useful, look for *.upt in uppsrc directory

David

Subject: Re: Ultimate++ on Arch Linux?
Posted by [lectus](#) on Sun, 09 Mar 2008 17:35:48 GMT
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Thanks waxblood.
This pretty much solves my problem. I can now use Ultimate++ on Arch Linux (my current favorite linux).

For anyone wanting to install Ultimate++ on Arch Linux follow these steps:

- 1) Get the Ultimate++ PKGBUILD from <http://aur.archlinux.org>.
- 2) Go to a terminal, on the same folder as the PKGBUILD and run: `makepkg`
- 3) Type `pacman -U upp-2007.1-1-i686.pkg.tar.gz` (I used this version)
- 4) Run Thelde. Say OK so it copies the files to your home folder.
- 5) Extract the templates from the link provided by waxblood to the home folder.

Ultimate++ is now installed on Arch.

PS: I just needed to add using namespace Upp. The templates seems a bit outdated, but no problem there.

Subject: Re: Ultimate++ on Arch Linux?
Posted by [waxblood](#) on Sun, 09 Mar 2008 19:07:31 GMT
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I updated the file, now includes more and updated upt files.

David
