
Subject: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [3togo](#) on Mon, 31 Jul 2006 18:39:57 GMT

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By adding the following lines to the top of CtrlLib/LabelBase.cpp,
ide is successfully built from 607-dev3 under Ubuntu (Edgy).

```
#define IMAGECLASS CtrlImg  
#define IMAGEFILE <CtrlLib/CtrlLib.iml>  
#include <Draw/iml_source.h>
```

Well done to all developers!

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [3togo](#) on Mon, 31 Jul 2006 18:49:21 GMT

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However, when I try to change the build method from GCC32 Debug to GCC32 Optimal by
selecting from the drop-down menu on ide(607-dev3), ide exited unexpectedly.

```
jc@jc-desktop:~/upp/uppsrc/ide$ ide  
Segmentation fault
```

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [mirek](#) on Mon, 31 Jul 2006 19:18:02 GMT

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3togo wrote on Mon, 31 July 2006 14:39: By adding the following lines to the top of
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Well done to all developers!

This is still quite strange... I have last compiled in 606 ubuntu 3 days ago, without above change... The same includes are in ChWin32.icpp...

Hm, the only possible explanation: Case-sensitive filesystem. Please check whether ChWin32.icpp is not "empty" (and stored with other name).

Mirek

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [3togo](#) on Tue, 01 Aug 2006 02:51:17 GMT

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I have checked the ChWin32.icpp and would like to confirm that it is not "empty".

I guess we are using two different ways to compile the ide. I merely use ide to create the necessary Makefile and then compile ide by typing make in the terminal.

Maybe this is why we have ended with two different results.

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [mirek](#) on Tue, 01 Aug 2006 06:21:41 GMT

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Well, have you tried TheIDE build?

Mirek

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [mirek](#) on Tue, 01 Aug 2006 06:23:20 GMT

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Ahh, I guess I have found something: Looks like makefile generator ignores .icpp files...

Mirek

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [3togo](#) on Tue, 01 Aug 2006 08:55:52 GMT

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Please ignore what I have said below if u have known them for ages.

Traditionally in Linux, we used to

```
./configure  
make  
make install
```

to compile, link and install a program from its source.

However, there are another way

```
./configure  
make  
checkinstall
```

Checkinstall is a very funny program that read through your Makefile, locate your "install" clause and create a deb for u.

```
To install checkinstall in ubuntu,  
> >sudo apt-get install checkinstall
```

Since ide itself is not very platform sensitive, I don't think u need to worry about how to setup configure.ac nor do u need to worry about which linux and which versions people are using. Instead simply add "install:" plus a few lines to your ide's Makefile to copy everything to say /usr/share/upp and create a link of ide program to /usr/local/bin, u will have a lovely deb package for debian guys.

Another goods news is checkinstall can create rpm as well.

Pardon me again if I have wasted your time to read these.

Aris wrote:

[How did this come here? and my email?]

```
> > *Subject:* Re: ide is successfully built from 607-dev3 under Ubuntu
```

```
> > (Edgy) *Author:* luzr *Date:* Mon, 31 July 2006 15:18
```

```
> > *3togo wrote on Mon, 31 July 2006 14:39*
```

```
> >
```

```
> > By adding the following lines to the top of CtrlLib/LabelBase.cpp,
```

```
> > ide is successfully built from 607-dev3 under Ubuntu (Edgy).
```

```
> >
```

```
> > #define IMAGECLASS CtrlImg
```

```
> > #define IMAGEFILE <CtrlLib/CtrlLib.iml>
```

```
> > #include <Draw/iml_source.h>
```

```
> >
```

```
> > Well done to all developers!
```

> >
> > Laughing
> >
> >
> >
> >
> > This is still quite strange... I have last compiled in 606 ubuntu 3
> > days ago, without above change... The same includes are in ChWin32.icpp...
> >
> > Hm, the only possible explanation: Case-sensitive filesystem. Please
> > check whether ChWin32.icpp is not "empty" (and stored with other name).
> >
> > Mirek
> > [Reply <index.php?t=post&reply_to=4294>] [Quote
> > <index.php?t=post&reply_to=4294"e=true>] [View Topic/Message
> > <index.php?t=rview&goto=4294#msg_4294>] [Unsubscribe from this topic
> > <index.php?t=rview&th=1266>]
> >

Edit by fudadmin.

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)
Posted by [mirek](#) on Tue, 01 Aug 2006 12:29:26 GMT
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Actually, that is what I expected our missing Linux maintainer would do (Means: I really do not know anything about makefiles. Never used them. Never needed to

As there was not any, we proceeded with simple plan.

I guess, alternative even now is simply to create "classical" windows-like installer for LSB-3.1.

Anyway, wait a moment - this unfortunately does not help with .icpp files now. TheIDE makefile generator simply needs fixing to manage them right.

Mirek

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)
Posted by [3togo](#) on Tue, 01 Aug 2006 14:23:36 GMT
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Mirek,

How about we make a deal? If u fix the bug about .icpp files against the IDE makefile generator, I will prepare the deb file for u.

luzr wrote on Tue, 01 August 2006 08:29: Actually, that is what I expected our missing Linux maintainer would do (Means: I really do not know anything about makefiles. Never used them. Never needed to

As there was not any, we proceeded with simple plan.

I guess, alternative even now is simply to create "classical" windows-like installer for LSB-3.1.

Anyway, wait a moment - this unfortunately does not help with .icpp files now. The IDE makefile generator simply needs fixing to manage them right.

Mirek

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)
Posted by [fudadmin](#) on Tue, 01 Aug 2006 14:42:19 GMT

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3togo, please check if my email appeared in your post because of typing mistake or this is related to Fudforum software? In any case, just edit and delete not needed pieces.

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)
Posted by [rbmatt](#) on Tue, 01 Aug 2006 23:39:24 GMT

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3togo wrote on Tue, 01 August 2006 04:55: However, there are another way
./configure
make
checkinstall

Checkinstall is a very funny program that read through your Makefile, locate your "install" clause and create a deb for u.
I thought checkinstall was more of a hack to get it to work on a local system, not to distribute. Do you know about that?

On a related note, does anyone know a Debian maintainer that can upload it to the main

repository??

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [3togo](#) on Wed, 02 Aug 2006 02:16:03 GMT

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As long as we confine ourselves to install only

1) ide executable

2) all the sources code to /usr/share/upp

the generated deb out of checkinstall should be useful to everybody.

Am I right?

3togo

rbmatt wrote on Tue, 01 August 2006 19:39 3togo wrote on Tue, 01 August 2006 04:55 However, there are another way

./configure

make

checkinstall

Checkinstall is a very funny program that read through your Makefile, locate your "install" clause and create a deb for u.

I thought checkinstall was more of a hack to get it to work on a local system, not to distribute. Do you know about that?

On a related note, does anyone know a Debian maintainer that can upload it to the main repository??

Subject: Re: ide is successfully built from 607-dev3 under Ubuntu (Edgy)

Posted by [mirek](#) on Mon, 07 Aug 2006 09:58:02 GMT

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3togo wrote on Tue, 01 August 2006 10:23 Mirek,

How about we make a deal? If u fix the bug about .icpp files against the IDE makefile generator, I will prepare the deb file for u.

Should be now fixed.

Mirek
