
Subject: Create Makefile behaviour

Posted by [janwilmans](#) on Mon, 08 Jun 2009 08:10:21 GMT

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Hi U++ community

I recently started using the 'create makefile' feature and noticed this behaviour:

- for DLL packages, the generated makefile complains that 'main' cannot be found (which is reasonable, because the DLL package has no main) is this feature not suppose to be used on DLL packages?

- the generated makefile contains a hardcoded path, the \$(UPPDIR1) directory ex. points to /home/jan/src/myproject/ this means, the Makefile will 'break' as soon as the physical location changes, that does not make it very usefull.

- on Darwin (MacOs) the -Wl,-O,2 and --start-group parameters are not available?? so builds on darwin fail...

(if I edit out the -Wl,-O,2 and start-group/end-group parameters, it builds fine.)

I would like to see the 'Create Makefile' feature become more useful, any thoughts?

Greetings,

Jan Wilmans

Subject: Re: Create Makefile behaviour

Posted by [mirek](#) on Thu, 11 Jun 2009 17:27:22 GMT

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skyhawk wrote on Mon, 08 June 2009 04:10Hi U++ community

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(if I edit out the -Wl,-O,2 and start-group/end-group parameters, it builds fine.)

I would like to see the 'Create Makefile' feature become more useful, any thoughts?

Greetings,

Jan Wilmans

Well, "create makefile" is deprecated in favor of "export project", which has much better results w.r.t. paths and other things (BTW, the src package is using this variant).

As for DLL, I guess you are the first one trying I would need more details I guess... (e.g. based on fact that rest of your posts deals with Ubuntu, is that really .dll or in fact it is .so?)

Mirek

Subject: Re: Create Makefile behaviour

Posted by [janwilmans](#) on Mon, 15 Jun 2009 15:57:31 GMT

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where is that option? (export project) I only see a 'export runtime translation file'

Gr,

Jan

Subject: Re: Create Makefile behaviour

Posted by [mirek](#) on Mon, 15 Jun 2009 18:53:46 GMT

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skyhawk wrote on Mon, 15 June 2009 11:57 where is that option? (export project) I only see a 'export runtime translation file'

Gr,

Jan

In Output mode.

Mirek

Subject: Re: Create Makefile behaviour
Posted by [Mindtraveller](#) on Thu, 28 Apr 2011 17:38:37 GMT
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BTW, is it possible to use incremental build with exported project? As for now, executing "make" leads to total rebuild.

Subject: Re: Create Makefile behaviour
Posted by [dolik.rce](#) on Thu, 28 Apr 2011 18:53:30 GMT
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Mindtraveller wrote on Thu, 28 April 2011 19:38BTW, is it possible to use incremental build with exported project? As for now, executing "make" leads to total rebuild.
Hi Pavel,

First time you execute make it rebuilds everything, but if you change some of the sources later and call make again, only the changed sources (and files depending on them) are rebuild. If it behaves differently for you than there is something broken

Honza

Subject: Re: Create Makefile behaviour
Posted by [Mindtraveller](#) on Thu, 28 Apr 2011 19:09:54 GMT
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dolik.rce wrote on Thu, 28 April 2011 22:53First time you execute make it rebuilds everything, but if you change some of the sources later and call make again, only the changed sources (and files depending on them) are rebuild. If it behaves differently for you than there is something broken
I'm building under FreeBSD 8.1 with g++46.

What could possibly be broken? Is there a way to check what is broken exactly? Googling on this topic didn't help.

Thanks in forward.

UPDATE: It looks like I've found the cause. In Makefile I manually change CXX from "c++" to "g++46". Building with "c++" is incremental, while Makefile with "g++46" rebuilds from the scratch. Investigation continues...

Subject: Re: Create Makefile behaviour
Posted by [chickenk](#) on Thu, 28 Apr 2011 19:23:50 GMT
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Mindtraveller wrote on Thu, 28 April 2011 21:09UPDATE: It looks like I've found the cause. In Makefile I manually change CXX from "c++" to "g++46". Building with "c++" is incremental, while

Makefile with "g++46" rebuilds from the scratch. Investigation continues...

and what do the commands "make CXX=g++46" and "CXX=g++46 make" give with the original Makefile? Maybe also try with 'gmake' instead of 'make' to verify GNUisms...

Subject: Re: Create Makefile behaviour

Posted by [Mindtraveller](#) on Thu, 28 Apr 2011 19:35:52 GMT

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Issue solved.

It just needs to adjust make.conf file and remove "CXX=c++" from Makefile.
