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Subject: Makefiles warning!

Posted by [dolik.rce](#) on Fri, 12 Feb 2010 01:12:38 GMT

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Hello all,

In case you are using Makefiles generated by theide, please note following changes that I made to bring it closer to what I believe to be a standard behaviour.

#### LINKOPTIONS:

This variable, was present in the Makefiles (but not set up, explicitly). Its proper name should be LDFLAGS. I renamed it and also added support for it (Linker options were introduced recently, but not in makefiles). If you used this option through environment variable or command line argument, you should use LDFLAGS now. The original LINKOPTIONS variable is still working, but please consider it deprecated.

#### CXXFLAGS:

There was a little confused use of CFLAGS/CPPFLAGS/CXXFLAGS. More specifically CPPFLAGS was used where CXXFLAGS should be. Just for your info: CFLAGS = options for C compiler

CXXFLAGS = options for C++ compiler

CPPFLAGS = options for preprocessor Unfortunately there was no way to keep backward compatibility, but I believe that most of the users used the defaults specified in Makefile, so it won't affect them. Build systems, which often use these variables are using them in correct way, so it helps there and definitely not hurts.

Everything else works the same way as it did before.

Best regards,  
Honza

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Subject: Re: Makefiles warning!

Posted by [mr\\_ped](#) on Fri, 12 Feb 2010 11:20:05 GMT

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When you are on it, can you make compiler name a variable, so I can switch from g++ to g++-4.1 by editing single line?

I think right now it's spread over 2 places (1x compiling, 1x linking final binary).

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Subject: Re: Makefiles warning!

Posted by [dolik.rce](#) on Fri, 12 Feb 2010 12:26:47 GMT

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mr\_ped wrote on Fri, 12 February 2010 12:20 When you are on it, can you make compiler name a variable, so I can switch from g++ to g++-4.1 by editing single line?

I think right now it's spread over 2 places (1x compiling, 1x linking final binary).

Hi Ped,

No problem, it is in svn now. I was actually thinking about it too, just a few days ago So now you can change the compiler without editing anything, just invoke make with variable in option: make CC=g++-4.1 Default is CC=c++.

Also, probably not very useful feature, but just in case someone wants to use it: If you want to use different program for linking, you can use LINKER variable. Default is LINKER=CC.

Best regards,  
Honza

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Subject: Re: Makefiles warning!  
Posted by [masu](#) on Fri, 12 Feb 2010 12:33:30 GMT  
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Hi Honza,

I will upload a generic Makefile for building TheIDE soon.

It is based on your tests in this topic:

<http://www.ultimatepp.org/forum/index.php?t=msg&th=4942&start=0&>

I can already compile TheIDE with it.

What is still missing is the link step generation which should also collect regarding link libraries from \*.upp files.

For now, it has ~100 lines .

Maybe we can take this one then for source release builds, since it is much smaller and more versatile (you can also build a single package only etc.).

Matthias

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