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Subject: Cross-compiling for Raspbian  
Posted by [Giorgio](#) on Wed, 12 Jul 2017 12:53:06 GMT  
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Hi there,  
I developed an application with ultimate++ and now I need to compile it for Raspbian. I am new to cross-compiling and searched the forum: I found a couple of threads, but they did not help. I am trying this toolchain <http://gnutoolchains.com/raspberry/tutorial/>, but I am so used to compile just pressing the F7 key, that I am stuck at the beginning. What is the command line to compile an application using gcc? It uses standard c++ libraries and ultimate++ libraries.  
Thanks for any suggestions,  
Gio

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Subject: Re: Cross-compiling for Raspbian  
Posted by [sergeynikitin](#) on Thu, 27 Jul 2017 12:37:25 GMT  
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Do this:  
1) Install make environment (apt-get install build-essential)  
2) get upp sources  
3) make theide (command make in dir ide)  
4) copy theide to folder /usr/local/bin or /home/pi/bin  
5) run theide (may be from command line)  
6) make U++ assemblies (left pane during package selection)

then you may compile on raspberry directly.

It's very simple way.

For real cross-compile search google for "raspberry qemu emulator".

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Subject: Re: Cross-compiling for Raspbian  
Posted by [Giorgio](#) on Wed, 02 Aug 2017 12:47:22 GMT  
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Hi Sergey,  
thank you for your suggestion. Indeed, your solution is the simplest, cross-compiling is too much effort for a newbie. I have successfully compiled and installed theide and also compiled some of the example applications that come with theide. Now I am compiling my own application developed using theide on windows. Compiling times are quite long, the first time (when you have to compile all the packages), once core packages are compiled compiling time is acceptable. For the sake of other people who may read this in future, to successfully compile theide on a fresh

installation of noobs/raspbian are needed the devel package of gtk, x11, bzlib2.  
Thanks again,  
Gio

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