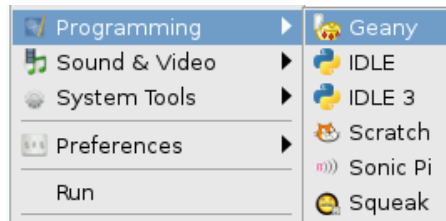


怎样在 Raspberry Pi 3B 中用 Geany C++ IDE

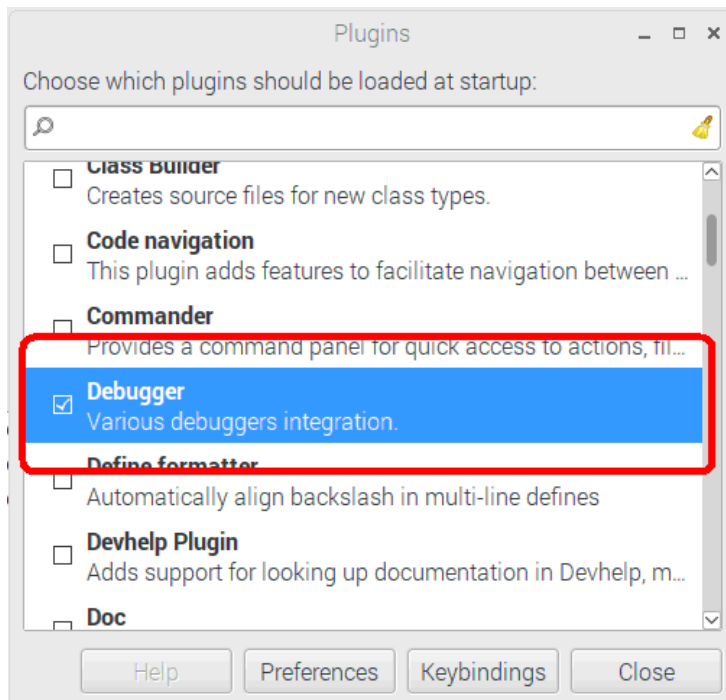
08-12-2-18

如果你已装了 Raspberry Pi 的 Debian O.S., 那么 Geany C++ IDE 应该已在系统中.

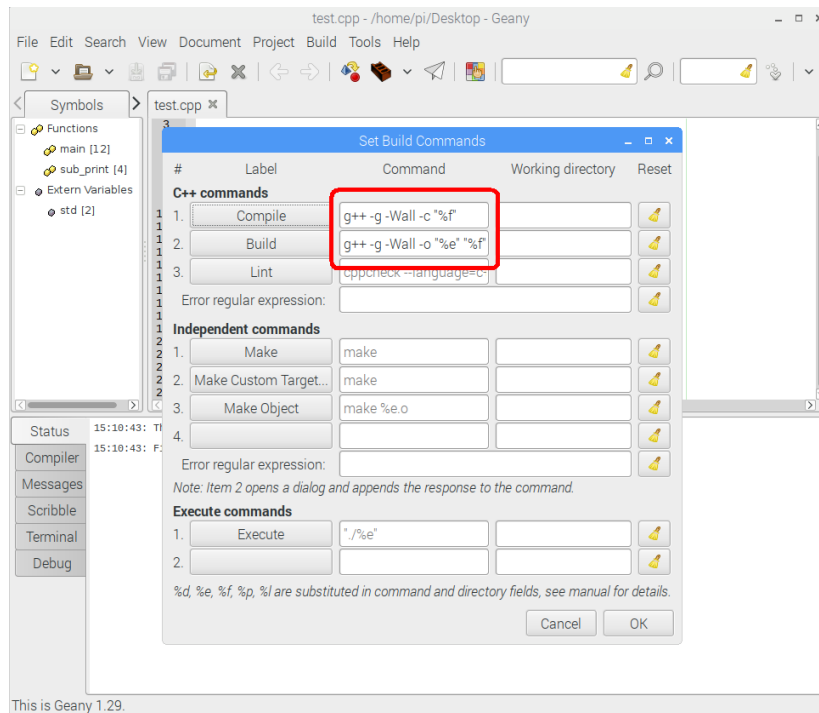


但是 Geany IDE 没有 Debug Tool, 需要另装 Plug-in package. 很可惜 Geany 装上 Debug Tool 后并不能马上使用, 需要再做好几步才能使用. 以下详细记录各步.

- 1) Install Debug Plug-in package at Linux terminal.
>> `sudo apt-get install geany-plugging` <CR>
- 2) Start to run Geany, load Plugin module "Debugger"
Tools-> Plugin Manager -> Check "Debugger" -> Close



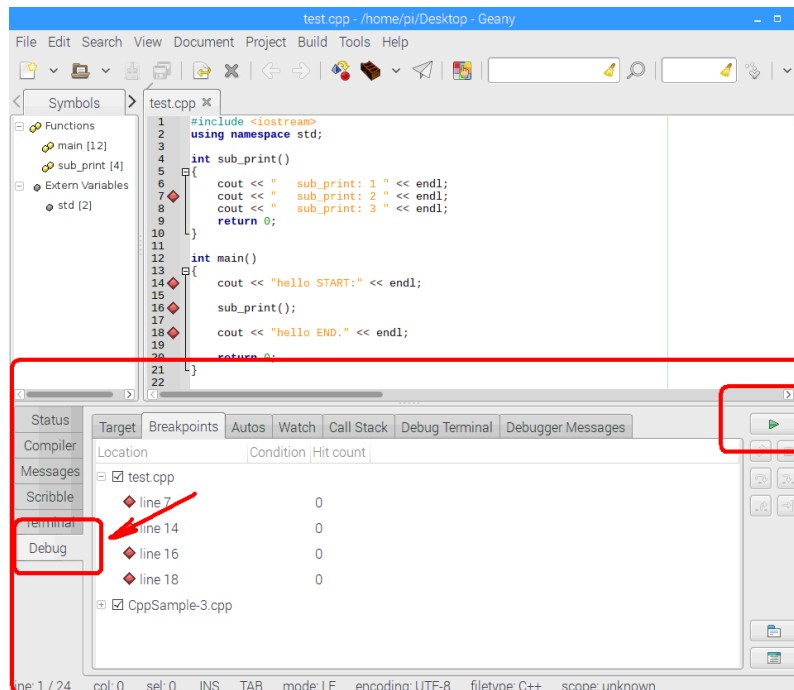
3) Modify build commands to include “-g” flag



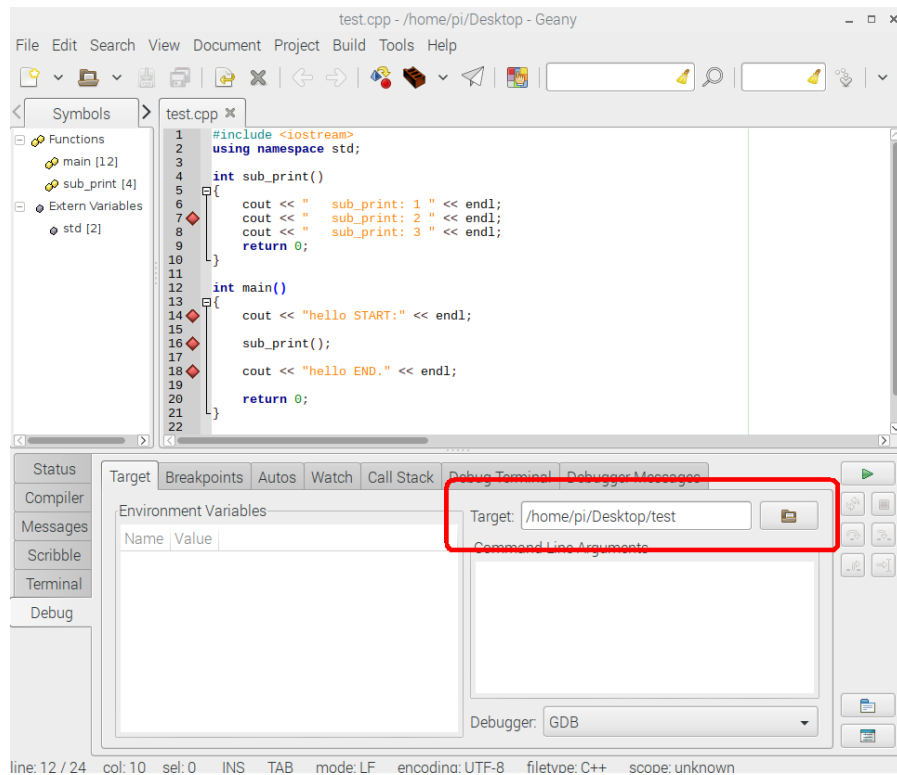
4) Open message window to show debug window.

a) View -> Show Message Window

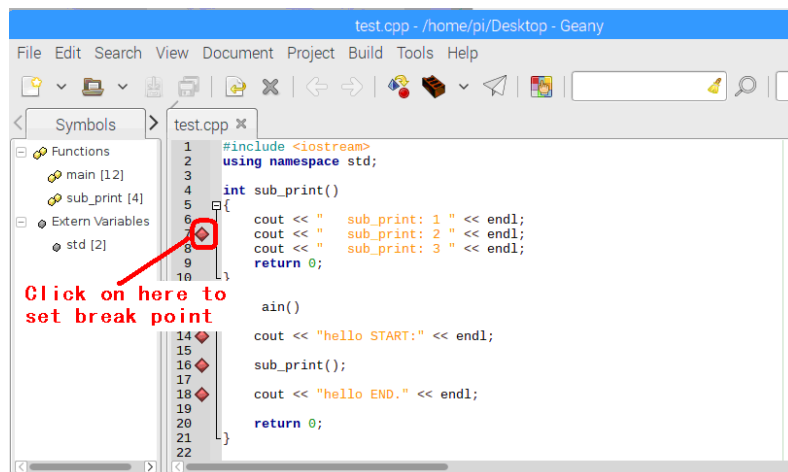
b) 在左下的一列 TAB 中选 Debug, 这时你看到下面的 debug window 了.



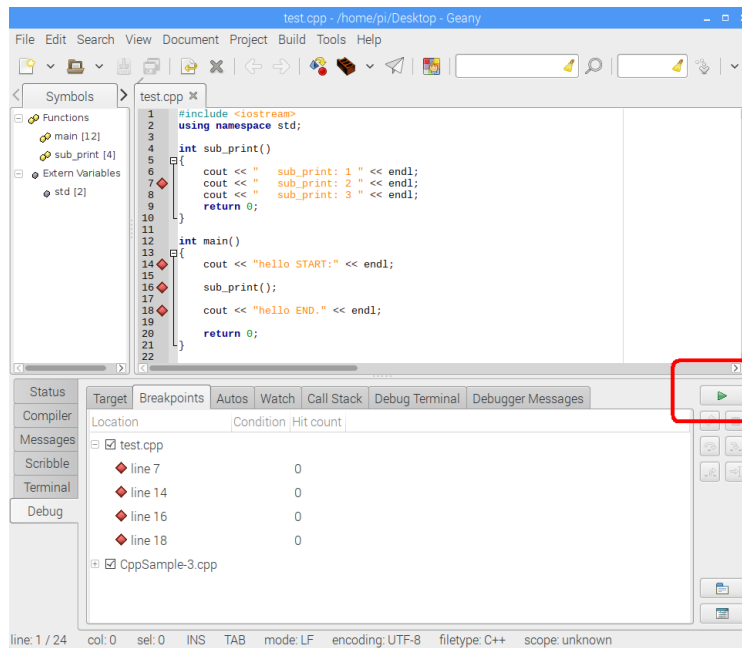
- 5) Set debug target to your executable program.
左边下面 Debug TAB -> Target -> set target as current executable.



- 6) Use F8 to run compile, F9 to build the executable and F5 to run the program.
- 7) If you want to run C++ debug, you need to set break points first. See picture below, click on the right side of the line number to set a break point.



- 8) Now you are able to run C++ debug step by step. Just click on the “Play” button below.



- 9) Then the program will stop at the first break point. Click again to push the program moves to the next break point.

As an example, the following picture shows that the program is stopped at the 2nd break point, which is located inside the routine “sub_print()”.

