

IDE Setup notes - Eclipse CDT on **Ubuntu**

Get Eclipse

You can get get eclipse CDT from here

<http://www.eclipse.org/downloads/packages/eclipse-ide-cc-developers/neon3>

unpack it where you want it (place in /usr/local/eclipse or in /opt/eclipse)

run it from the eclipse.sh program in the /eclipse folder

optional 'lock to launcher' to keep it handy

You can also update your currently installed eclipse by following the method 2 section from here:

<https://itsfoss.com/c-plus-plus-ubuntu/>

but if you have the disk space I would forgo the fussiness and just install a separate eclipse for C++.

Prereqs

Get a C/C++ compiler if not there

If you can find your compiler using the following command then GNU is installed and working (it should be default installed on ubuntu)

whereis g++

If not, from command line (ctrl-alt-T) type the following to get it.

sudo apt-get install build-essential

Install Java if not there

if you try to run eclipse and get a 'No Java Runtime was found' then install Java SE JDK.

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

get tar.gz follow instructions here

https://docs.oracle.com/javase/8/docs/technotes/guides/install/linux_jdk.html#BJFJJEFG

put tar.gz file where you want it

tar -zxvf fn.tar.gz

update the PATH variable in .bashrc to point to correct java. Then source .bashrc after edits to commit the changes.

Verify you are using correct Java from the command line:

whereis java

which java

java -version