

## 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 (mine is in /bin/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/>

### 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#BJFJJFEG](https://docs.oracle.com/javase/8/docs/technotes/guides/install/linux_jdk.html#BJFJJFEG)

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**