How to setup a Chrono Project
1) Follow the instructions here
      http://api.projectchrono.org/tutorial_install_project.html
2) Since we are using ssh, we cant use the cmake gui – when they say they need the directory for Chrono in a variable named Chrono_dir they give instructions on how to do this via the cmake gui. To do it manually, add this line to the start of the CmakeLists.txt file, set(Chrono_DIR "/home/kronos/Chrono/build_chrono/cmake")
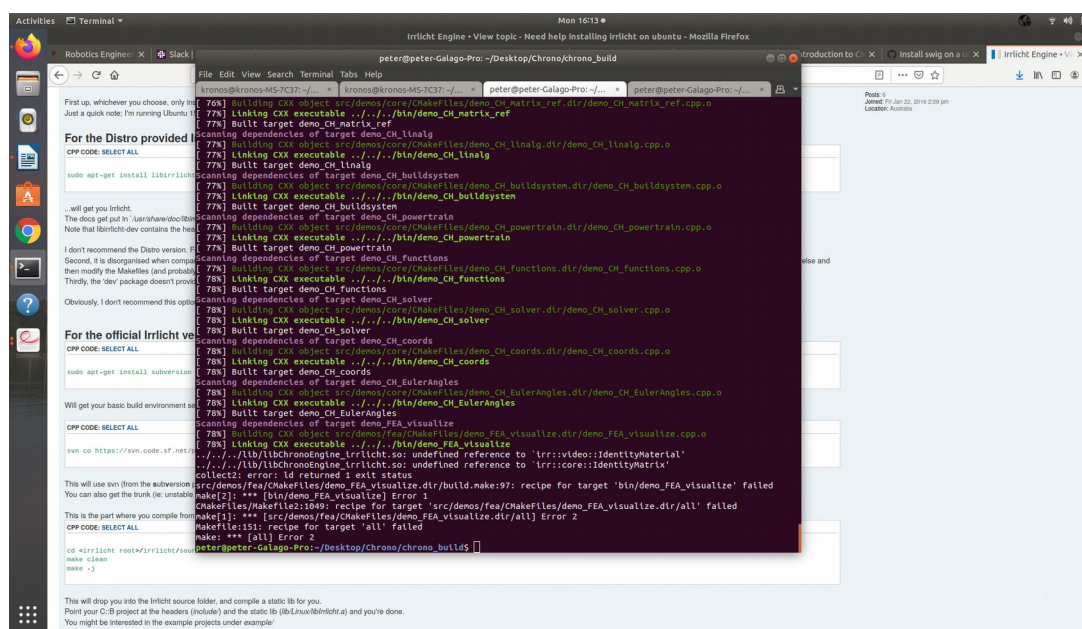

Related
1) Setup a basic CMakeLists.txt (http://api.projectchrono.org/5.0.0/tutorial_install_project.html)

Notes on Downloading and Installing Chrono
1) You have to compile Irrilicht yourself. You can't just download it and unzip it. The instructions say only dowload it, and unzip it, and give cmake the path to it. This will compile about 75% of the Chrono build and then fail. The error message will look like the image below.

The next error after this is when you make on the Chrono library, it will get about 75% done and then tell you you need to recompile with -fPIC. So, look in the Irrilicht make file and see that there is a make shared option. I tried adding -fpic BUT when you compile Irrilicht from source you will have to edit the makefile to pass in the -

fPIC flag. Also will need to use makesharedlib rather than just "make"
We want a .so file not a .a file. Dan sent me his makefile and it had a few different lines. He passed in -fPIC as a cxx flag. When I ran the make sharedlib now with Dan's makefile, I get the desired .so file.

BE SURE TO SAVE DAN's makefile in case we have to install this again. It is in the right spot in file system and on the desktop as DansMakefile

The last thing is that when I tried to run the demo's with from bin with ./demoName I get an error message saying there is no libricht.1.8.so . The libricht---.so file we compiled to is libricht1.8.4 NOT libricht.1.8.so . So, either and or copy the file to your directory with the executable and rename it. Or ran make install and rename it??

You need to run make install, not just make

Where is pychrono?
It is at /home/peter/Desktop/Chrono/chrono_build/bin