Buildfile must be in (ONLY IN) plugins directory

<https://twiki.cern.ch/twiki/bin/view/CMSPublic/SWGuideScram>

<https://twiki.cern.ch/twiki/bin/view/CMSPublic/SWGuideBuildFile>

(have to import libraries with #include in .cc)

Scram b -j 18

Scram b clean

scram b distclean && scram b vclean && scram b clean: for a VERY clean build.

Build errors:

Getting /usr/bin/rm: cannot remove 'lib/slc7\_amd64\_gcc700/.\_\_afsC181': Device or resource busy

Means there is a process that is open that is corrupting the build, have to find which processes and kill them. To find them:

lsof +D /path

then kill the processes.

To kill: see <https://linuxize.com/post/kill-command-in-linux/>

pidof firefox (like python or root instead of firefox)

kill -9 THOSEPIDS

but don’t kill bash!

make sure to also add

<use name="DataFormats/ParticleFlowReco"/>

<use name="DataFormats/PatCandidates"/>

<use name="FWCore/Framework"/>

<use name="DataFormats/Common" />

<use name="DataFormats/JetReco"/>

<use name="DataFormats/ParticleFlowReco"/>

<use name="DataFormats/PatCandidates"/>