

RUNNING FAERIE WITH COMPILATION

My new installation is in :

`/software/RET/knivedita/lceshelf`

To Recompile :

Step 1 : Download Faerie on your own or go to a pre installed one :

`cd /software/RET/knivedita/lceshelf`

Step 2 : Instead of installing root or Geant4, It would be good to compile it in an already existing inclusive environment, see :

<https://t2bwiki.iihe.ac.be/OtherSoftware>

https://cms-ml.github.io/documentation/software_envs/lcg_environments.html

Source into an environment as above (works well in m10 for me) :

`source /cvmfs/sft.cern.ch/lcg/views/setupViews.sh LCG_104 x86_64-el9-gcc13-opt`

step 3 : Go to /path/lceshelf/ - `bash INSTALL 0` or `1`.

If you downloaded the FAERIE to your own, there might get an error with CBLAS library - you could to add/edit these lines to your CMakeFile file before step 3 :

`link_directories(/cvmfs/sft.cern.ch/lcg/views/LCG_104/x86_64-el9-gcc13-opt/lib)`

`set(OPENBLAS_LIB openblas)`

**`target_link_libraries(ice_shelf ${Geant4_LIBRARIES} ${ROOT_LIBRARIES} gsl $
{OPENBLAS_LIB})`**

This should work :)