

HowToBuild

How to build and run this geant4 sample code.

1. Change the current directory to "compton_gagg"
\$ cd geant4-example_compton
2. Make a directory of "build", and change the current directory to "build"
\$ mkdir build
\$ cd build
3. Run the below cmake command
\$ cmake -DGeant4_DIR= /Home/Geant4/einstall/lib64/Geant4-9.6.4 ../source
- The path of -DGeant4_DIR (/Home/Geant4/...) should be changed according to your geant4 installation location.
- If cmake doesn't succeeded because of some of error, please remove invisible files such as ~*.cc or ~*.hh in source/src or source/include, which might cause cmake errors.
4. Run make
\$ make
5. Check geometry and beam condition with Qt.
\$./exampleB3
(In Qt window, you can check beam condition by running the macro file like **execute/run run1.mac.**)
6. Obtain data with macro file **run1.mac**
\$./exampleB3 run1.mac

Please **run make** whenever changing source files or header files, otherwise those changes after the last make would not be reflected to the simulation.