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 suceeded 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 by put **/control/execute run1.mac** in Session.)

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.