


1. 既安装了多线程版本，也安装了单线程版本(build-st,install-st);
2. 查看多线程有没有关：songzhiahao@chuck build-st % **cat CMakeCache.txt | grep MULTITHREADED**
GEANT4_BUILD_MULTITHREADED:BOOL=OFF --关了
3. 设置单线程环境配置，用之前每次source一下。
 - songzhiahao@chuck build-st % nano ~/geant4-v11.3.0/setup-geant4-st.sh
 - songzhiahao@chuck build-st % chmod +x ~/geant4-v11.3.0/setup-geant4-st.sh
 - songzhiahao@chuck build-st % source ~/geant4-v11.3.0/setup-geant4-st.sh
 -  Geant4 单线程环境已设置
4. 运行单线程的实例步骤：songzhiahao@chuck build-st % cd ..
 - songzhiahao@chuck geant4-v11.3.0 % ls
 - build data install-st source
 - build-st install setup-geant4-st.sh work
 - songzhiahao@chuck geant4-v11.3.0 % cd work
 - songzhiahao@chuck work % ls
 - B1 B1-st
 - songzhiahao@chuck work % **cd B1-st**
 - songzhiahao@chuck B1-st % ls
 - build exampleB1.cc exampleB1.out History init_vis.mac
 - run1.mac src
 - CMakeLists.txt exampleB1.in GNUmakefile include README
 - run2.mac vis.mac
 - songzhiahao@chuck B1-st % **cd build**
 - songzhiahao@chuck build % ls
 - cmake_install.cmake exampleB1 G4History.macro run1.mac
 - CMakeCache.txt exampleB1.in init_vis.mac run2.mac
 - CMakeFiles exampleB1.out Makefile vis.mac
 - songzhiahao@chuck build % **./exampleB1**
1. cmake -DCMAKE_INSTALL_PREFIX=/Users/songzhiahao/geant4-v11.3.0/install-st \

-DGEANT4_BUILD_MULTITHREADED=OFF \

-DGEANT4_USE_SYSTEM_ZLIB=ON \

-DGEANT4_INSTALL_DATA=OFF \

/Users/songzhiahao/geant4-v11.3.0/source
2. make -j4

- make install
 - mkdir -p ~/geant4-v11.3.0/install-st/share/Geant4
 - 1. ln -s ~/geant4-v11.3.0/data ~/geant4-v11.3.0/install-st/share/Geant4/data
 - source ~/geant4-v11.3.0/install-st/bin/geant4.sh
- //////////

```
cp -r ~/geant4-v11.3.0/source/examples/basic/B1 ~/geant4-v11.3.0/work/
geant4-B1-st
cd ~/geant4-v11.3.0/work/geant4-B1-st
mkdir build
cd build
cmake -DCMAKE_PREFIX_PATH=~/geant4-v11.3.0/install-st ..
make -j4
./exampleB1
```

export G4LEDATA=/Users/songzhihao/geant4-v11.3.0/data/G4EMLOW8.6.1