

1. Download Geant4

Visit <http://geant4.web.cern.ch/geant4/>

Follow links: [Getting started](#), then [downloading the code](#)

Download source files

2. Build Geant4

Visit <http://geant4.web.cern.ch/geant4/>

Follow links: [Getting started](#), then [Installation Guide](#)

Follow the instructions under [Building and Installing on Unix Platforms](#)

3. Other build options

Check the following links under [Installation Guide](#) for more options

[Geant4 Build Options](#)

[Standard Options](#)

[Advanced Options](#)

4. Recommended options

```
cmake -DGEANT4_USE_OPENGL_X11=ON \\ (OpenGL)
```

```
-DGEANT4_USE_GDML=ON \\ (使用GDML)
```

```
-DGEANT4_USE_QT=ON \\ (使用Qt)
```

```
-DGEANT4_INSTALL_DATA=ON \\ (安装数据)
```

```
-DCMAKE_INSTALL_PREFIX=/YourPath/geant4.10.00.p02-install \\ (安装目录)
```

```
/YourPath/geant4.10.00.p02 \\ (源代码目录)
```

5. If necessary, use

<http://packages.ubuntu.com/> or synaptic under ubuntu to find missing packages

6. Use Geant4

```
cd /YourPath/geant4.10.00.p02-install ; source geant4.csh
```