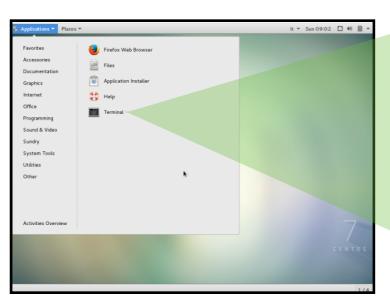
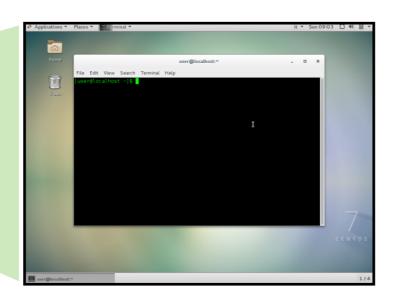
Open the terminal





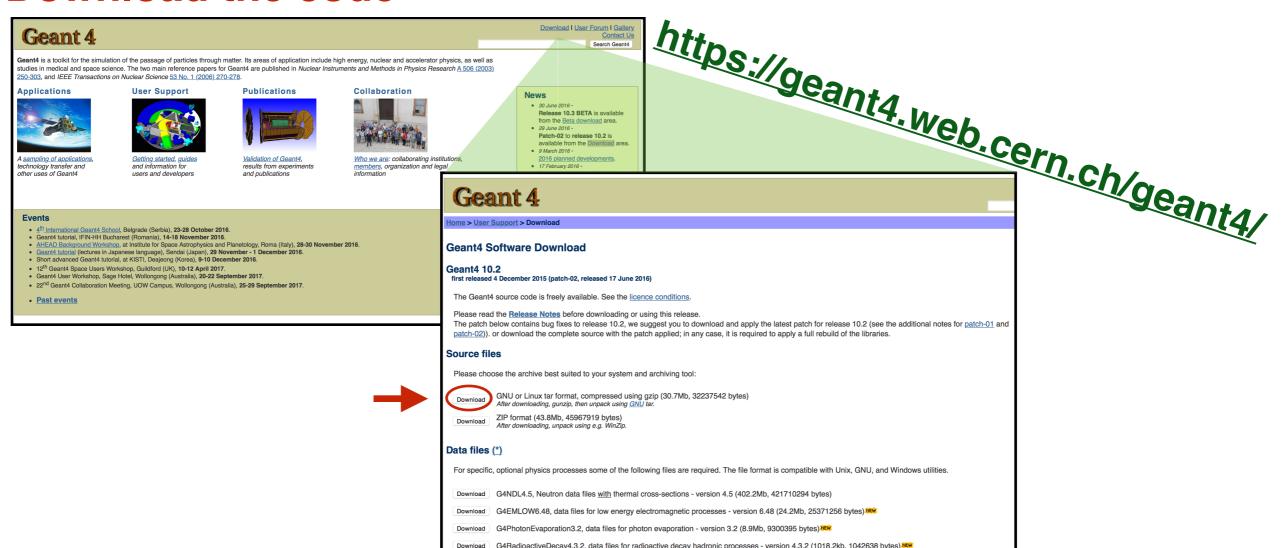
Choose the path of your installation

\$ cd Desktop

Create a new directory and enter

\$ mkdir Geant4

Download the code



Extract the file

\$ cd Downloads \$ tar -xzf geant4.10.02.p02.tar.gz

Choose the path of your installation

\$ cd Desktop

Create a new directory

\$ mkdir Geant4

\$ cd Geant4

Copy the source code in the new directory

\$ cd /home/user/Downloads

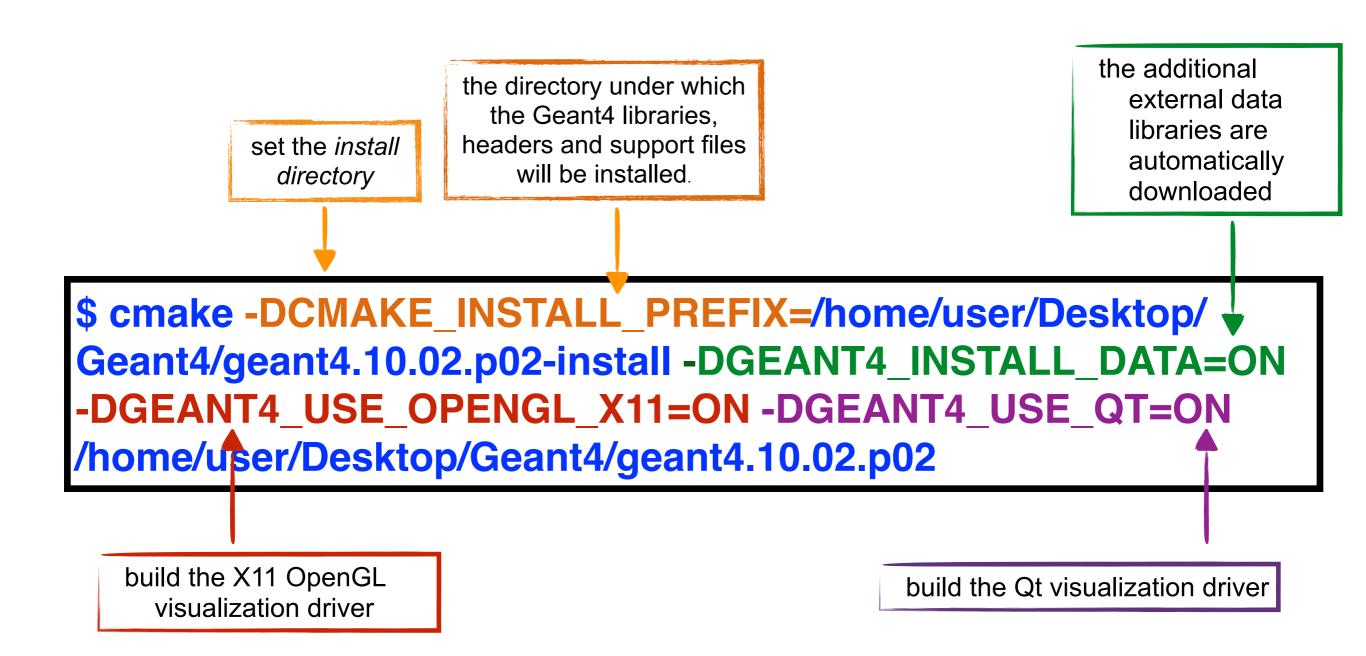
\$ cp -r geant4.10.02.p02 /home/user/Desktop/Geant4

Create the folder build

```
$ cd /home/user/Desktop/Geant4
```

- \$ Is
- \$ mkdir geant4.10.02.p02-build
- \$ cd geant4.10.02.p02-build

```
$ cmake -DCMAKE_INSTALL_PREFIX=/home/user/Desktop/Geant4/geant4.10.02.p02-install -DGEANT4_INSTALL_DATA=ON -DGEANT4_USE_OPENGL_X11=ON -DGEANT4_USE_QT=ON / home/user/Desktop/Geant4/geant4.10.02.p02
```



Start the Geant4 installation

```
$ make -jN
$ make install
```

and wait....

```
[ 08] Built target GARLON
[ 18] [ 18] [ 18] [ 18] [ 18] [ 18] [ 18] Built target GARLON
[ 18] [ 18] [ 18] [ 18] [ 18] [ 18] Built target RadioactiveDecay
Built target GARLON
[ 18] [ 18] [ 18] [ 18] [ 18] Built target RadioactiveDecay
Built target GARLON
[ 18] [ 18] [ 18] [ 18] [ 18] Built target GARLON
[ 18] [ 18] Built target CARLON
[ 18] Built target CAR
```

Start the Geant4 installation

```
$ make -jN
$ make install
```

and wait....

```
[ 0%] Built target GAPHLON
[ 1%] [ 1%] Built target GAPHLON
[ 1%] [ 1%] [ 1%] Built target GAPHLON
[ 1%] [ 1%] [ 1%] [ 1%] Built target RealSurface
[ 2%] Built target GAPII
Built target GAPII
Built target GASIDDATA
Built target GASIDATA
B
```

each time you open a new shell remember to source the **geant4.sh** script before executing an application!!!

Okay that's all.

- 1) Choose the path of your installation → Create a new directory
- 2) Copy the source code in the new directory
 - \$ cd /home/user/Downloads
 - \$ cp -r geant4.10.02.p02 /home/user/Desktop/Geant4
- 3) Create the folder build
 - \$ cd /home/user/Desktop/Geant4
 - \$ mkdir geant4.10.02.p02-build
 - \$ cd geant4.10.02.p02-build

\$ cmake -DCMAKE_INSTALL_PREFIX=/home/user/Desktop/Geant4/geant4.10.02.p02-install -DGEANT4_INSTALL_DATA=ON -DGEANT4_USE_OPENGL_X11=ON -DGEANT4_USE_QT=ON / home/user/Desktop/Geant4/geant4.10.02.p02