

How do I build Geant4

Download the Geant4 sources from the [distribution page](#).

Once you have obtained the sources, please read the [Installation Guide](#) carefully.

The following sequence of commands should get you up and running on Linux (using bash shell).

```
export CLHEP_BASE_DIR=/your/path/to/clhep
tar -zxvf geant4.x.tar.gz
cd geant4.x
export G4INSTALL=$(pwd)
export G4WORKDIR=$(pwd)
export G4SYSTEM=Linux-g++
cd geant4.x/source
make
make includes
```

This will take up to several hours depending on the speed of your machine.

Next, try to build an example application.

```
cd geant4.x/examples/novice/N03
export G4WORKDIR=$(pwd)
make all
```

Now you should have the `./bin/Linux-g++/N03` binary.