

Delphes tutorial requirements

- To follow the Delphes tutorial you will need
 - ROOT Data Analysis Framework
 - GCC C++ compiler
- If you don't have ROOT and GCC installed on your computer, please, follow the instructions to install the virtual machine containing ROOT and GCC:

Delphes_VM_Installation_Instructions.txt (from the USB stick)

- To successfully build Delphes the following prerequisite packages should be installed:
 - ROOT Data Analysis Framework
 - GCC C++ compiler
 - Tcl scripting language
- Setup ROOT environment variables
- Get the code:

```
wget --no-check-certificate https://cp3.irmp.ucl.ac.be/projects/delphes/raw-attachment/wiki/WikiStart/Delphes-3.0.0.tar.gz
```

```
tar -zxf Delphes-3.0.0.tar.gz
```
- Compile:

```
cd Delphes-3.0.0
```

```
make -j 4
```
- Run:

```
./DelpheHepMC examples/delphes_card_CMS.tcl output.root input.hepmc
```