

Instructions for Installing CompHEP under OSX

Warning! Be aware, that Mac OS is not Linux, installation of any GNU (or GNU-based) software can cause problems!

Here is a set of instructions for installing CompHEP on a Macintosh running OS X.

Prerequested software

Before doing anything else,

- install the Apple “Developers' Disk” that came with your operating system
- install X11 from the OS disk or from the Apple web site
- go to Fink (<http://fink.sourceforge.net/> or any other GNU software repository), download the fink application and “Fink Commander”, and then use this to download the binary files for:

```
gfortran    (fortran 77 compiler)
```

Installation

- download the last version of the software from the comphep web site, <http://comphep.sinp.msu.ru>.
- Unpack the tar and put the resulting directory in convenient place.
- Run “./configure -help” and read the help page. If you need ROOT you can download it from <http://root.cern.ch> (for Mac!!!)
- Run “make”.
- Run “make setup WDIR=path_to_your_working_dir_for_comphep”.

Our tests

We have tested these instructions on a particular machine running under OS 10.4. and with the following versions of GNU software:

1. GNU make 3.80
2. gcc 4.0.1
3. gfortran 4.3.0

If you have a problem on your machine, please send your report to us at comphep-devel@theory.sinp.msu.ru giving the specific versions of the OS and all software.

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