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Subject: Installation of external packages july09 on MAC OS 10.6

Posted by [Volker Frieze](#) on Thu, 04 Mar 2010 14:24:28 GMT

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I have successfully installed the externals july09 anmd cbmroot trunk on MAC Snow Leopard. I had to overcome (with Florian's help) some problems, which I report here, as they may be helpful for others.

First, you need on your MAC a C++ compiler, of course. If you do not have it, you can for instance install the XCode package.

Then, you need in addition a fortran compiler. The best choice is gfortran, which you can download from [here](#).

Now you can download and install the externals as described on the FAIROOT web site:

```
svn co https://subversion.gsi.de/fairroot/fairsoft/release/july09 fairsoft
```

Before running the installation script, I had to

- modify fairsoft/scripts/check\_system.sh on line 155: change "`= 5`" to "`> 4`" such that it is recognised that the system is 64 bit;

- modify fairsoft/scripts/set\_compiler.sh on lines 24 and 25: change "`1,4 d`" to "`1, 6 d`" (gfortran -v seems to deliver different outputs on different platforms);

- create a link in `/usr/local/lib/x86_64`: `ln -s ../libgfortran.a`

- create a link in `/usr/include`: `ln -s malloc/malloc.h`

Then, just go to the top directory where you installed fairsoft and call the installation script: `./configure.sh`

Then read a good book, go to the movies, or just go home. It will take some time.

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