
Subject: Installation of external packages july09 on MAC OS 10.6

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

[View Forum Message](#) <> [Reply to Message](#)

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.
