

After you have installed gfortran, you can check to see if it was successful by trying to compile and run a simple fortran program. Here's how.

- 1) Open your TextEdit program on your Mac, and select Format/MakePlainText.
- 2) Then type in the following fortran program in the blank page.

```
program test
  write (*,*) "hello world"
end program test
```

- 3) Create a new folder on your desktop (such as "myfolder"), and save your text file with the name "test.f95" . (The f95 suffix identifies the file as a fortran program.)

- 4) Open your iTerm2 terminal program.

- 5) Use the unix "cd" command to first change your directory to your "Desktop". Then use cd again to change your directory to be your new "myfolder".

- 6) Check that your program is in that folder by typing "ls".

- 7) Type the following command to compile your program:

```
gfortran test.f95 -o trun
```

After a pause, you will get the normal prompt on your iTerm2 (assuming you didn't make any typing errors). It won't look like anything happened, but it actually created an executable program called "trun". If you don't believe me, type "ls" in the terminal window.

- 8) To run your new program, in the iTerm2 window, type:

```
./trun
```

which should cause "hello world" to appear in the terminal window.

You are now officially a fortran programmer.

Cheers,
-Roland
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