
Subject: Re: Millepede could not be created.
Posted by [Florian Uhlig](#) on Mon, 31 Oct 2016 14:08:28 GMT
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Hi Jarok,

the problem is due to the linkage of the pede executable.

Quote:

```
gcc -Wall -O3 \  
-o pede mpdef.o mpdalc.o mpmmod.o mpbits.o mpqldec.o mptest1.o mptest2.o mille.o  
mpnum.o mptest.o mphistab.o minresDataModule.o minresModule.o minresqlpDataModule.o  
minresqlpBlasModule.o minresqlpModule.o randoms.o vertpr.o linesrch.o Dbandmatrix.o  
pede.o readc.o -lgfortran -lm -lgomp -L= -lz  
/usr/bin/ld: no se puede encontrar -lgfortran  
collect2: error: ld returned 1 exit status  
Makefile:115: fallo en las instrucciones para el objetivo 'pede'  
make: *** [pede] Error 1
```

Somehow gcc can not find the corresponding gfortran library.

Looking at the following compilation unit for me it looks like that there is a mismatch between the fortran and c++ versions.

Quote:

```
-- The Fortran compiler identification is GNU 5.4.0  
-- Check for working Fortran compiler: /usr/bin/gfortran  
-- Check for working Fortran compiler: /usr/bin/gfortran -- works  
-- Detecting Fortran compiler ABI info  
-- Detecting Fortran compiler ABI info - done  
-- Checking whether /usr/bin/gfortran supports Fortran 90  
-- Checking whether /usr/bin/gfortran supports Fortran 90 -- yes  
-- The C compiler identification is GNU 4.9.3  
-- The CXX compiler identification is GNU 4.9.3
```

Could it be that you have only installed the c and c++ compilers of gcc version 4.9.3 but not the fortran compiler?

Ciao

Florian
