
Subject: CMake and fortran

Posted by [Stefano Spataro](#) on Mon, 21 Apr 2008 09:21:51 GMT

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Hello,

here in Gießen we have both gfortran and g77, but it seems cmake enables only and always gfortran:

```
-- Check for working C compiler: gcc
-- Check for working C compiler: gcc -- works
-- Check size of void*
-- Check size of void* - done
-- Check for working CXX compiler: c++
-- Check for working CXX compiler: c++ -- works
-- Check for working Fortran compiler: gfortran
-- Check for working Fortran compiler: gfortran -- works
-- Checking whether gfortran supports Fortran 90
-- Checking whether gfortran supports Fortran 90 -- yes
```

I would like to use only g77. I have tried to search deep in the code, but I have not found where it tries to find the fortran compiler.

So my question is: how can I let my cmake choosing g77 instead of gfortran?

(the answer "remove gfortran" is not allowed...)

Subject: Re: CMake and fortran

Posted by [Florian Uhlig](#) on Mon, 21 Apr 2008 09:38:23 GMT

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Hi Stefano

Try to do an

```
> export FC=g77
```

before you do the cmake. If you don't have a clean build directory please delete CMakeCache.txt before you run cmake.

Ciao

Florian

Subject: Re: CMake and fortran

Posted by [Stefano Spataro](#) on Mon, 21 Apr 2008 09:56:30 GMT

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Thanks at all,

now I have g77 running and I will see if the error in compiling DpmEvtGen will occur or not

again.

[EDIT: nope, I have still the same problem...]

Subject: Re: CMake and fortran
Posted by [Florian Uhlig](#) on Mon, 21 Apr 2008 09:58:25 GMT
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Hi Stefano

Both errors gone after the export FC?

Ciao

Florian

Subject: Re: CMake and fortran
Posted by [Stefano Spataro](#) on Mon, 21 Apr 2008 10:13:04 GMT
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Mmmm,
unfortunately not, again the so.0.0 files are missing.

I will do some workaround to let it work.