
Subject: compiling PANDArOOT
Posted by [Yuri Naryshkin](#) on Thu, 17 Nov 2011 19:46:56 GMT
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Dear Colleagues,
after a short break I try to install latest version of PANDArOOT on ixi038 in my home dir. I follow the instruction described in:
<http://cbmroot.gsi.de/installation/Installing%20PandaRoot.htm>
Everything is working OK up to
make

I've got an error message:

```
[ 39%] Building Fortran object
pgenerators/EvtGen/CMakeFiles/EvtGen.dir/EvtGenModels/lucomp_beg.F.o
[ 39%] Building Fortran object
pgenerators/EvtGen/CMakeFiles/EvtGen.dir/EvtGenModels/lucomp.F.o
[ 39%] Building Fortran object pgenerators/EvtGen/CMakeFiles/EvtGen.dir/Cernlib/ddilog.F.o
[ 39%] Building Fortran object pgenerators/EvtGen/CMakeFiles/EvtGen.dir/Cernlib/ranf.F.o
Linking Fortran shared library ../lib/libEvtGen.so
[ 39%] Built target EvtGen
Scanning dependencies of target EvtGen_exe_simpleEvtGen
[ 39%] Building CXX object
pgenerators/EvtGen/CMakeFiles/EvtGen_exe_simpleEvtGen.dir/simpleEvtGen.c.c.o
In file included from
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.h:445,
      from /misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/LorentzVector.h:30,
      from /u/naryshk/pandaroot_new/pandaroot/pgenerators/EvtGen/EvtGen.hh:33,
      from
/u/naryshk/pandaroot_new/pandaroot/pgenerators/EvtGen/simpleEvtGen.cc:11 :
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc: In
member function 'void CLHEP::Hep3Vector::setX(double)':
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc:32:
warning: declaration of 'x' shadows a member of 'this'
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc: In
member function 'void CLHEP::Hep3Vector::setY(double)':
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc:33:
warning: declaration of 'y' shadows a member of 'this'
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc: In
member function 'void CLHEP::Hep3Vector::setZ(double)':
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc:34:
warning: declaration of 'z' shadows a member of 'this'
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc: In
member function 'void CLHEP::Hep3Vector::set(double, double, double)':
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc:36:
warning: declaration of 'z' shadows a member of 'this'
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/Thre eVector.icc:36:
warning: declaration
```

.....

```
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/LorentzVector.icc:356:
```

```
warning: declaration of 'z' shadows a member of 'this'
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/LorentzVector.icc:356:
warning: declaration of 'phi' shadows a member of 'this'
/misc/cbmsoft/Etch32/jan10/fairsoft/cern/clhep/include/CLHEP/Vector/LorentzVector.icc:356:
warning: declaration of 'rho' shadows a member of 'this'
Linking Fortran executable ../../bin/simpleEvtGen
/usr/bin/ld: warning: libgfortran.so.1, needed by
/misc/cbmsoft/Etch32/jan10/fairsoft/generators/lib/libPythia6.so, not found (try using -rpath or
-rpath-link)
/misc/cbmsoft/Etch32/jan10/fairsoft/generators/lib/libPythia6.so: undefined reference to
`_gfortran_pow_r8_i4'
/misc/cbmsoft/Etch32/jan10/fairsoft/generators/lib/libPythia6.so: undefined reference to
`_gfortran_internal_free'
/misc/cbmsoft/Etch32/jan10/fairsoft/generators/lib/libPythia6.so: undefined reference to
`_gfortran_copy_string'
/misc/cbmsoft/Etch32/jan10/fairsoft/generators/lib/libPythia6.so: undefined reference to
`_gfortran_internal_malloc'
collect2: ld returned 1 exit status
make[2]: *** [bin/simpleEvtGen] Error 1
make[1]: *** [pgenerators/EvtGen/CMakeFiles/EvtGen_exe_simpleEvtGen.dir/all] Error 2
make: *** [all] Error 2
```

Does anyone know this problem ?
Best Regards, Yuri.
