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Subject: Re: Diff between r 13415 and current & development help

Posted by [Mamen](#) on Fri, 06 Nov 2015 16:38:40 GMT

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Dear Stefano,

The update finally worked (it seems), but the compilation is still giving me some problems:

```
-bash-4.1$ cmake ../pandaroot_v11867_may11-02/
CMAKE_Fortran_COMPILER full path: /usr/bin/gfortran
Fortran compiler: gfortran
--- Found a Linux ssystem
--- Found GNU compiler collection
--- Build Type: Debug
--- Compiler Flags:
-- Looking for Root...
-- Looking for Root... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/tools/root/bin/root
-- Looking for Root... - version 5.29/02
-- Looking for Pluto...
-- Looking for Pluto... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/generators/lib
-- Looking for Pythia6...
-- Looking for Pythia6... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/generators/lib
-- Looking for GEANT3...
-- Looking for GEANT3... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/transport/geant3/lib/tgt_linuxx
8664gcc/libgeant321.so
-- Looking for GEANT4...
-- Looking for GEANT4... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/transport/geant4/lib
-- Looking for GEANT4VMC...
-- Looking for GEANT4VMC... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/transport/geant4_vmc/lib/tgt_li
nuxx8664gcc
-- Looking for VGM...
-- Looking for VGM... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/transport/vgm/lib
-- Looking for CLHEP...
-- Looking for CLHEP... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/cern/clhep/lib
-- Looking for CERNLIB...
-- Looking for Java...
-- Looking for Java... - found /usr/bin/java
-- Looking for Perl...
-- Looking for Perl... - found /usr/bin/perl
-- Looking for Rule Checker...
-- Looking for Rule Checker... - Not found
-- FairRoot Revision - 11867 Branch - trunk
running /bin/chmod u+x
```

```
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/mdt/QAmacro_mdt_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/mdt/QAmacro_mdt_2.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/emc/QAmacro_emc_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/emc/QAmacro_emc_2.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/emc/QAmacro_emc_3.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/emc/QAmacro_emc_4.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/lhetrack/run_sim_tpccombi
_pgun.sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/lhetrack/run_digi_tpccombi.
sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/lhetrack/run_reco_tpccombi
.sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/tpc/QAmacro_tpc_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/drc/QAmacro_drc_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/ftof/QAmacro_ftof_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/gem/QAmacro_gem_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/gem/QAmacro_gem_2.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/hyp/QAmacro_hyp_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/mvd/QAmacro_mvd_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/mvd/QAmacro_mvd_2.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/mvd/QAmacro_mvd_ana.s
```

```

h 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/rho/QAmacro_rho_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/stt/QAmacro_stt_1.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/stt/QAmacro_stt_4.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/fsim/QAmacro_fastsim_1.s
h 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/fsim/QAmacro_fastsim_2.s
h 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/evtgen/QAmacro_evtgen_1
.sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/evtgen/QAmacro_evtgen_2
.sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/evtgen/QAmacro_evtgen_3
.sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/qa/evtgen/QAmacro_evtgen_4
.sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/run/sim_complete_stt.sh 2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/run/digi_complete_stt.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/run/reco_complete_stt.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/run/sim_complete_tpc.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/run/digi_complete_tpc.sh
2>&1
running /bin/chmod u+x
/data/work/kpha4/moraespi/PandaRoot/build_v11867-02/macro/run/reco_complete_tpc.sh
2>&1
Found TEve, so the eventdisplay will be compiled.
-- Looking for Root...
-- Looking for Root... - found
/data/work/kpha4/moraespi/PandaRoot/fairsoft_enc_2015-10-12/tools/root/bin/root
-- Looking for Root... - version 5.29/02
-- <MVA_INFO> Your ROOT version can handle TMVA multiClass.
-- Configuring done

```

CMake Error at GenfitTools/trackrep/CMakeLists.txt:57 (add\_library):  
Cannot find source file:

GeaneTrackRep2/GeaneTrackRep2.cxx

Tried extensions .c .C .c++ .cc .cpp .cxx .m .M .mm .h .hh .h++ .hm .hpp  
.hxx .in .txx

-- Build files have been written to: /data/work/kpha4/moraespi/PandaRoot/build\_v11867-02

```
-bash-4.1$ make -j8  
make: *** No targets specified and no makefile found. Stop.
```

About using such an old version of PandaRoot, I know it is not the best idea, but adapted software to the "Electron Nucleon Experiment" was done using that version, and the changed code which I have runs under that version... So I think I have no (many other) option(s)... (I kindly accept suggestions)

Next step would be to adapt what I have to the newest version of PandaRoot...

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