
Subject: [FIXED] cmake error while installing pandaroot latest trunk version.

Posted by [Ajay Kumar](#) on Fri, 24 Jul 2015 11:12:35 GMT

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Hi,

I have installed external package and fairroot as explained in following link on my ubuntu 14.10 system.

https://panda-wiki.gsi.de/foswiki/bin/view/Computing/PandaRootInstallGit?validation_key=%3f149c4cff8aca2cfa1925c812827bb44c

When I am going to install pandaroot latest trunk from the below link.

```
svn co https://subversion.gsi.de/fairroot/pandaroot/trunk pandaroot
```

I had initially error related to genfit while running cmake in pandaroot build directory and then I comment out genfit directory in CMakeLists.txt.

Now it shows error related to genfit2. screen output is following:

```
ajay@ajay:~/fairsoft_mar15/pandatrun/buildPanda$ cmake ../
-- NOT Found FAIRBASE
-- Setting FairRoot environment...
-- FairRoot ... - found /home/ajay/fairsoft_mar15/buildFairRoot/
-- FairRoot Library directory : /home/ajay/fairsoft_mar15/buildFairRoot/lib
-- FairRoot Include path... : /home/ajay/fairsoft_mar15/buildFairRoot/include
-- FairRoot Cmake Modules :
/home/ajay/fairsoft_mar15/buildFairRoot/share/fairbase/cmake
CMAKE_Fortran_COMPILER full path: /usr/bin/gfortran
Fortran compiler: gfortran
Set BuildType DEBUG
-- fairsoft-config found
--- Found a Linux ssystem
--- Found GNU compiler collection
--- Build Type: Debug
--- Compiler Flags: -std=c++11
-- Looking for Root...
-- Looking for Root... - Found /home/ajay/fairsoft_mar15/buildfairsoft/bin/root
-- Looking for Root... - Found version is 5.34/25
-- Looking for PYTHIA8 ...
-- Looking for PYTHIA8... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib
-- Looking for Pythia6...
-- Looking for Pythia6... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib
-- Looking for GEANT3...
-- Looking for GEANT3... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib/libgeant321.so
-- Looking for GEANT4...
-- Looking for GEANT4... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib
-- Looking for GEANT4 DATA files...
-- Found G4EMLOW data
-- Found PhotonEvaporation data
-- Found G4NDL data
```

```

-- Found G4NEUTRONXS data
-- Found G4PIL data
-- Found RadioactiveDecay data
-- Found RealSurface data
-- Found G4SAID data
-- Looking for GEANT4VMC...
-- Looking for GEANT4VMC... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib
-- Looking for VGM...
-- Looking for VGM... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib
-- Looking for CLHEP...
-- Looking for CLHEP... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib
-- Looking for CERNLIB...
-- Looking for HepMC ...
-- Looking for HepMC... - found /home/ajay/fairsoft_mar15/buildfairsoft/lib
-- Looking for Boost ...
-- Boost version: 1.54.0
SYSTEM_DIR1: /home/ajay/fairsoft_mar15/buildfairsoft/include/root;/home/ajay/fairsoft
_mar15/buildfairsoft/include
ROOT_FOUND_VERSION = 53425
Using PHOTOS.
-- Boost version: 1.54.0
-- Boost is found at: /home/ajay/fairsoft_mar15/buildfairsoft/include
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/mdt/QAmacro_mdt_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/emc/QAmacro_emc_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/emc/QAmacro_emc_2.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/emc/QAmacro_emc_3.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/drc/QAmacro_drc_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/drc/QAmacro_drc_2.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/drc/QAmacro_drc_3.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/drc/QAmacro_drc_4.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/ftof/QAmacro_ft of_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/gem/QAmacro_gem_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/gem/QAmacro_gem_2.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/hyp/QAmacro_hyp_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/mvd/QAmacro_mvd_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/mvd/QAmacro_mvd_2.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/mvd/QAmacro_mvd_ana.sh

```

```

2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/rho/QAmacro_rho_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/stt/QAmacro_stt_1.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/stt/QAmacro_stt_2.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/stt/QAmacro_stt_3.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/stt/QAmacro_stt_4.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/fsim/QAmacro_fa stsim_1.sh
2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/fsim/QAmacro_fa stsim_2.sh
2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/evtgen/QAmacro_ evtgen_1.sh
2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/evtgen/QAmacro_ evtgen_2.sh
2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/evtgen/QAmacro_ evtgen_3.sh
2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/evtgen/QAmacro_ evtgen_4.sh
2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/sim_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/digi_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/reco_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/recoqa_com plete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/QA_histos. sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/pid_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/ana_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/check_comp lete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/plot_pid.s h 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/check_pid. sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/qa/run3/recoideal_ complete.sh
2>&1

```

```
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run3/pidideal_c omplete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run3/anaideal_c omplete.sh
2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/sim_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/digi_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/reco_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/recoqa_com plete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/QA_histos. sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/pid_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/ana_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/check_comp lete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/plot_pid.s h 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/run4/check_pid. sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/ftf3/sim_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/ftf3/digi_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/ftf3/reco_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/ftf3/pid_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/ftf3/ana_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/ftf4/sim_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/dpm3/sim_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/dpm3/digi_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/dpm3/reco_compl ete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/dpm3/pid_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/dpm3/ana_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/qa/dpm4/sim_comple te.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrun/buildPanda/macro/catracking/sim_com plete.sh 2>&1
running /bin/chmod u+x
```

```
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/catracking/digi_complete.sh 2>&1
running /bin/chmod u+x
/home/ajay/fairsoft_mar15/pandatrunk/buildPanda/macro/catracking/reco_completeCA.sh
2>&1
Found TEve, so the eventdisplay will be compiled.
-- <MVA_INFO> Building MVA with multiClass.
Found Static library with extension .a
Found Static library with extension .a
-- Configuring done
CMake Error at genfit2/CMakeLists.txt:327 (add_library):
  Cannot find source file:
```

```
./eventDisplay/src/EventDisplay.cc
```

```
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: /home/ajay/fairsoft_mar15/pandatrunk/buildPanda
```

And after that looked for make inside buildPanda so result is goes like below.

```
make: *** No targets specified and no makefile found. Stop.
```

Kindly help in this regard.

Regards
Ajay

Subject: Re: cmake error while installing pandaroot latest trunk version.
Posted by [Elisabetta Prencipe \(2\)](#) on Fri, 24 Jul 2015 11:18:09 GMT
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Hello Ajay,

you need to set up FAIRROOTPATH as indicated in the wiki:

```
https://panda-wiki.gsi.de/foswiki/bin/view/Computing/PandaRootInstallGit
?validation_key=%3f2fc8f1252fa6a9526c9a25057e2975c0
```

Please, make sure also to setup SIMPATH properly.

Indeed, the error on genfit and GenfitTools is due to the non available server, for the time being.

Stefano sent an email how to proceed in such a case, some days ago. You can find

instructions here:

<https://fairroot.gsi.de/?q=node/101>

Then, everything should work fine.
I hope it helps,

Elisabetta

Subject: Re: cmake error while installing pandaroot latest trunk version.
Posted by [Stefano Spataro](#) on Tue, 28 Jul 2015 21:36:17 GMT
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The connectivity problem should not be present anymore.
