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Subject: [SOLVED] Diffs between r 13415 and current & developement help  
Posted by [Mamen](#) on Wed, 28 Oct 2015 14:01:11 GMT

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Dear all,

Since some time I am working on doing simulations for the possibility of converting PANDA into a detector capable of measuring reaction products from a p + e collider (proposed Electron Nucleon Collider - ENC, using HESR and PANDA).

Some years ago, Donghee Kang developed some software for the same project, based on the current version of pandaroot at that time (i.e. r 13415) and my task would consist on taking what he did and try to adapt it to the current version of pandaroot now.

I could manage to take his installed and edited software to my working directory and make it (more or less) run, using the reaction  $pe^- \rightarrow pe^- \gamma$  generated for three different cases (DVCS, BH and Interference of both).

In the last few weeks, when I finally started working intensively with pandaroot, I have encountered some problems:

1.- It seems that I cannot install without errors the revision 13415 from the svn repository anymore. So I copied what Donghee had in his directory and installed it to my working directory. However, I would like to install a clean revision 13415 of pandaroot to be able to compare the changes that Donghee did with what it was in the software at that time.

2.- Also I have no idea how can I find out what has changed (I don't need details, but in a first step just roughly) since that version to the current one, concerning geometry, reconstruction, tracking, pid...

Any help or ideas will be appreciated.

I would also like to point that I am new to the development branch of pandaroot, so I might need quite a lot of help to understand some things. So, please, be patient with me .

Thank you very much in advance!!!

Cheers,

Mamen.

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Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [StefanoSpataro](#) on Fri, 30 Oct 2015 10:48:56 GMT

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Dear Mamen,

long time ago the management of the base packages was a bit different, and it is causing your problem in the installation.

In theory, you should do the following

- \* go to the pandaroot folder
- \* type "svn propedit svn:externals ."
- \* edit all the "base" lines (all the lines not "genfit") adding "-r 13415" before "https://..." and

```
save -> "base -r 13415 https://..."
* type "svn update" from the pandaroot folder
* compile
```

This should link the base packages to the release 13415.

About differences, we are speaking about code of 2011, then tracking was not highly performant like now, there was no SciTil, GEMs were different as well as DIRC, no forward tracking, different beampipe, no EMC pid.

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Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [Mamen](#) on Tue, 03 Nov 2015 16:26:18 GMT

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Hello Stefano,

Thanks for your answer. However, I cannot edit the file you mention.  
After typing the command you propose, I get the following:

```
-bash-4.1$ svn propedit svn:externals .
svn: None of the environment variables SVN_EDITOR, VISUAL or EDITOR are set, and no
'editor-cmd' run-time configuration option was found
```

How can I continue now?

Greetings,  
Mamen.

P.S.: Donghee pointed out that I should install the version 11867, but I guess I should proceed in the same way...

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Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [StefanoSpataro](#) on Tue, 03 Nov 2015 16:28:03 GMT

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Which is the text editor you use usually? Emacs? vi? Then type:

```
export SVN_EDITOR=vi (or emacs, or whatever)
```

and try again.

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Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [Mamen](#) on Tue, 03 Nov 2015 17:31:54 GMT

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Hi again!

It took some time to do the update.  
I did the following:

```
-bash-4.1$ svn propedit svn:externals .
```

edited this:

```
base      -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/base
generators -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/generators
geobase   -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/geobase
ora       -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/ora
parbase   -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/parbase
cmake     -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/cmake
geane     -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/geane
eventdisplay -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/eventdisplay
trackbase -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/trackbase
fairtools -r 11867 https://subversion.gsi.de/fairroot/fairbase/release/fairtools
genfit    -r 313 https://genfit.svn.sourceforge.net/svnroot/genfit/core
```

And did

```
svn update
```

in the pandaroot folder.

After some time downloading/updating files (with some connection problems in between) I got the following message:

```
Conflict for property 'svn:externals' discovered on ".
Select: (p) postpone, (df) diff-full, (e) edit,
        (s) show all options: p
```

I selected postpone from the options I was given.

After some more time downloading/updating stuff, I see that it is updating to revision 28714 (why, if I chose 11867?)

Updated to revision 28714.

```
Summary of conflicts:
Property conflicts: 1
```

Whatever, I continue anyhow with the compilation:

```
-bash-4.1$ cd
-bash-4.1$ cd buildpanda_v11867_may11/
-bash-4.1$ cmake ../pandaroot_v11867_may11/
-- NOT Found FAIRBASE
CMake Error at CMakeLists.txt:40 (MESSAGE):
  You did not define the environment variable FAIRROOTPATH which is needed to
  find FairRoot. Please set this variable and execute cmake again.
```

-- Configuring incomplete, errors occurred!

See also

"/data/work/kpha4/moraespi/PandaRoot/buildpanda\_v11867\_may11/CMakeFiles/CMakeOutput.log".

Without succeeding... (I thought I don't need the variable FAIRROOTPATH for an older version of the software).

Any more ideas??? I am not sure that I edited correctly the file you told me...

Thanks again in advance.

Cheers,  
Mamen.

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Subject: Re: Diffs between r 13415 and current & developement help

Posted by [Stefano Spataro](#) on Tue, 03 Nov 2015 18:33:46 GMT

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You need to type:

```
svn update -r 11867
```

Sorry, I was misleading.

---

Subject: Re: Diffs between r 13415 and current & developement help

Posted by [Mamen](#) on Wed, 04 Nov 2015 14:54:26 GMT

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Hi Stefano,

I did that and I still get some errors:

-bash-4.1\$ svn update -r 11867

Fetching external item into 'base'

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/base': could not connect to server (https://subversion.gsi.de)

Fetching external item into 'generators'

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/generators': could not connect to server (https://subversion.gsi.de)

Fetching external item into 'geobase'

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/geobase': could not connect to server (https://subversion.gsi.de)

Fetching external item into 'ora'

External at revision 11867.

svn: warning: Error handling externals definition for 'parbase':

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/parbase': could not connect to server (https://subversion.gsi.de)

Fetching external item into 'cmake'

D cmake/checks  
D cmake/scripts/set\_env\_macos.sh.in  
D cmake/scripts/run\_binary.sh.in  
D cmake/scripts/FairVersion.h.default  
D cmake/scripts/set\_env.sh.in  
U cmake/scripts/FairVersion.h.tmp  
U cmake/scripts/root\_macro.sh.in  
U cmake/scripts/config.sh.in  
U cmake/scripts/root\_macro\_macos.sh.in  
U cmake/scripts/config.csh.in  
D cmake/modules/GenerateVersionInfo.cmake  
D cmake/modules/FindGEANT4DATA.cmake  
D cmake/modules/FindZeroMQ.cmake  
D cmake/modules/FindGSL.cmake  
D cmake/modules/FindPythia8.cmake  
D cmake/modules/ROOTMacros.cmake  
D cmake/modules/FindHEPMC.cmake  
D cmake/modules/Findglpk.cmake  
D cmake/modules/CheckCXX11Features.cmake  
U cmake/modules/WriteConfigFile.cmake  
U cmake/modules/FindGEANT3.cmake  
U cmake/modules/FindGEANT4.cmake  
U cmake/modules/FindROOT.cmake  
U cmake/modules/FairMacros.cmake  
U cmake/modules/FindGEANT4VMC.cmake  
U cmake/modules/FindCLHEP.cmake  
U cmake/modules/FindPLUTO.cmake

U cmake/modules/CheckCompiler.cmake  
U cmake/modules/FindGENERATORS.cmake  
D cmake/cuda/FindCUDA.cmake  
D cmake/cuda/FindCUDA  
D cmake/cuda/LICENSE.txt  
A cmake/cuda/parse\_cubin.cmake  
A cmake/cuda/CudaDependency.cmake  
A cmake/cuda/FindCuda.cmake  
A cmake/cuda/make2cmake.cmake  
A cmake/cuda/empty.depend.in  
Updated external to revision 11867.

Fetching external item into 'geane'

U geane/FairGeane.cxx  
U geane/FairGeanePro.cxx  
U geane/FairGeane.h  
U geane/FairGeanePro.h  
U geane/CMakeLists.txt  
Updated external to revision 11867.

Fetching external item into 'eventdisplay'

Updated external to revision 11867.

Fetching external item into 'trackbase'

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/trackbase': could not connect to server (https://subversion.gsi.de)

Fetching external item into 'fairtools'

Updated external to revision 11867.

svn: warning: Error handling externals definition for 'genfit':

svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/core'; please relocate

svn: warning: Error handling externals definition for 'GenfitTools/trackrep/LSLtrackRep':

svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/LSLtrackRep'; please relocate

svn: warning: Error handling externals definition for 'GenfitTools/trackrep/GeaneTrackRep2':

svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/GeaneTrackRep2'; please relocate

svn: warning: Error handling externals definition for 'GenfitTools/trackrep/RKTrackRep':

svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/RKTrackRep'; please relocate

Updated to revision 11867.

Obviously, I tried cmake from the build directory and it doesn't work.

I also tried to re-install everything from scratch, but I get similar results:

```
>svn update -r 11867
```

```
Fetching external item into 'base'
```

```
D base/FairAnaSelector.h
D base/FairFileInfo.h
D base/FairRunInfo.cxx
D base/FairRingSorter.cxx
D base/FairRunInfo.h
D base/FairRingSorterTask.h
D base/FairWriteoutBuffer.cxx
D base/FairRingSorter.h
D base/FairFileInfo.cxx
D base/FairAnaSelector.cxx
D base/FairWriteoutBuffer.h
D base/FairWriteoutBufferAbsBasis.h
D base/FairRingSorterTask.cxx
U base/FairMesh.h
U base/FairHit.cxx
U base/FairRadLenManager.h
U base/FairIon.cxx
U base/FairParticle.h
U base/FairPrimaryGenerator.cxx
U base/FairBaseContFact.cxx
U base/FairVolume.h
U base/FairRadMapManager.cxx
A base/FairLinkedData.cxx
U base/FairLinkDef.h
A base/FairSingleLinkedData.cxx
U base/FairTSBufferFunctional.cxx
U base/FairRun.cxx
U base/FairTrajFilter.cxx
U base/FairRadGridManager.cxx
U base/FairField.h
U base/FairMCPoint.cxx
U base/FairDetector.cxx
U base/FairIon.h
U base/CMakeLists.txt
U base/FairMultiLinkedData.cxx
U base/FairRunSim.cxx
U base/FairRootManager.cxx
U base/FairEventHeader.h
U base/FairMCApplication.cxx
U base/FairRadMapManager.h
U base/FairRunAna.cxx
U base/FairModule.cxx
U base/FairTask.h
U base/FairTSBufferFunctional.h
U base/FairFileHeader.cxx
U base/FairMesh.cxx
U base/FairRadGridManager.h
```

U base/FairLink.cxx  
U base/FairMCPoint.h  
U base/FairDetector.h  
U base/FairMultiLinkedData.h  
U base/FairRadLenManager.cxx  
U base/FairRunSim.h  
U base/FairTimeStamp.cxx  
U base/FairVolumeList.cxx  
U base/FairMCApplication.h  
A base/FairBasePoint.h  
U base/FairModule.h  
U base/FairMCEventHeader.cxx  
U base/FairLink.h  
U base/FairTrackParam.cxx  
U base/FairGenericStack.h  
U base/FairVolumeList.h  
U base/FairTimeStamp.h  
U base/FairEventHeader.cxx  
U base/FairTask.cxx  
U base/FairGeaneApplication.cxx  
U base/FairHit.h  
U base/FairTrackParam.h  
U base/FairRKPropagator.cxx  
U base/FairRadMapPoint.cxx  
U base/FairPrimaryGenerator.h  
A base/FairBasePoint.cxx  
A base/FairLinkedData.h  
A base/FairSingleLinkedData.h  
U base/FairGeaneApplication.h  
U base/FairBaseParSet.cxx  
U base/FairRun.h  
U base/FairTrajFilter.h  
U base/FairGenericStack.cxx  
U base/FairRootManager.h  
U base/FairParticle.cxx  
U base/FairVolume.cxx  
U base/FairRunAna.h  
U base/FairFileHeader.h  
U base/FairBaseParSet.h  
Updated external to revision 11867.

Fetching external item into 'generators'

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/generators': could not connect to server (https://subversion.gsi.de)

Fetching external item into 'geobase'

A geobase/FairGeoInterface.h  
A geobase/FairGeoVector.h  
A geobase/FairGeoPgon.h  
A geobase/FairGeoTorus.h



A geobase/FairGeoBasicShape.cxx  
A geobase/FairGeoVolume.cxx  
A geobase/FairGeoTransform.cxx  
A geobase/FairGeoAscillo.cxx  
A geobase/FairGeoBuilder.cxx  
A geobase/FairGeoInterface.cxx  
A geobase/FairGeoVector.cxx  
A geobase/FairGeoMatrix.cxx  
A geobase/FairGeoMedium.h  
A geobase/FairGeoEltu.cxx  
A geobase/FairGeoCone.h  
A geobase/FairGeoBrik.h  
A geobase/FairGeoTorus.cxx  
A geobase/FairGeoMedia.cxx  
A geobase/FairGeoCompositeVolume.h  
A geobase/FairGeoSet.h

svn: warning: PROPFIND of '/fairroot/fairbase/trunk/geobase/FairGeoShapes.cxx': could not connect to server (<https://subversion.gsi.de>)

Fetching external item into 'ora'

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/ora': could not connect to server (<https://subversion.gsi.de>)

svn: warning: Error handling externals definition for 'parbase':

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/parbase': could not connect to server (<https://subversion.gsi.de>)

Fetching external item into 'cmake'

svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot': could not connect to server (<https://subversion.gsi.de>)

Fetching external item into 'geane'

U geane/FairGeane.cxx  
U geane/FairGeanePro.cxx  
U geane/FairGeane.h  
U geane/FairGeanePro.h  
U geane/CMakeLists.txt  
Updated external to revision 11867.

Fetching external item into 'eventdisplay'

A eventdisplay/FairMCTracks.cxx  
A eventdisplay/FairBoxSetDraw.h  
A eventdisplay/FairEventManagerEditor.h  
A eventdisplay/FairPointSetDraw.h  
A eventdisplay/FairMCStack.h  
A eventdisplay/CMakeLists.txt  
A eventdisplay/FairMCPointDraw.h  
A eventdisplay/FairEventManager.cxx  
A eventdisplay/FairHitPointSetDraw.h

A eventdisplay/FairMCTracksEditor.cxx  
A eventdisplay/FairTimeStampPointDraw.h  
A eventdisplay/FairBoxSetDraw.cxx  
A eventdisplay/FairPointSetDraw.cxx  
A eventdisplay/FairEventManagerEditor.cxx  
A eventdisplay/FairMCStack.cxx  
A eventdisplay/EventDisplayLinkDef.h  
A eventdisplay/FairHitDraw.h  
A eventdisplay/FairMCPointDraw.cxx  
A eventdisplay/FairHitPointSetDraw.cxx  
A eventdisplay/FairTimeStampPointDraw.cxx  
A eventdisplay/FairMCTracks.h  
A eventdisplay/FairEventManager.h  
A eventdisplay/FairHitDraw.cxx  
A eventdisplay/FairMCTracksEditor.h  
Updated external to revision 11867.

svn: warning: Error handling externals definition for 'trackbase':  
svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/trackbase': could not connect to server (https://subversion.gsi.de)

Fetching external item into 'fairtools'  
svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/fairtools': could not connect to server (https://subversion.gsi.de)

svn: warning: Error handling externals definition for 'genfit':  
svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/core'; please relocate  
svn: warning: Error handling externals definition for 'GenfitTools/trackrep/LSLtrackRep':  
svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/LSLtrackRep'; please relocate  
svn: warning: Error handling externals definition for 'GenfitTools/trackrep/GeaneTrackRep2':  
svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/GeaneTrackRep2'; please relocate  
svn: warning: Error handling externals definition for 'GenfitTools/trackrep/RKTrackRep':  
svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/RKTrackRep'; please relocate  
Updated to revision 11867.

And when I try cmake ../pandaroot\_v11867

```
-bash-4.1$ cmake ../pandaroot_v11867_may11-02/  
CMake Error at CMakeLists.txt:21 (include):  
include could not find load file:
```

FairMacros

```
CMake Error at CMakeLists.txt:22 (include):
```

include could not find load file:

WriteConfigFile

CMake Error at CMakeLists.txt:24 (include):  
include could not find load file:

CheckCompiler

CMake Error at CMakeLists.txt:25 (include):  
include could not find load file:

CheckFortran

CMake Error at CMakeLists.txt:29 (Check\_Compiler):  
Unknown CMake command "Check\_Compiler".

-- Configuring incomplete, errors occurred!

See also

"/data/work/kpha4/moraespi/PandaRoot/build\_v11867-02/CMakeFiles/CMakeOutput.log".

Thanks again for your help.

Cheers,  
Mamen.

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Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [StefanoSpataro](#) on Thu, 05 Nov 2015 08:40:58 GMT  
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Are you sure it is not a problem of connection? Because I can see  
<https://subversion.gsi.de/fairroot/fairbase/release/base> without any problem.

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Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [Mamen](#) on Thu, 05 Nov 2015 15:09:46 GMT  
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I am not 100% sure...

Every time I run svn update -r 11867 I get different packages updated...

However "parbaes" and "genfit" (and from the last one also some subdirectories) show always the error message:

svn: warning: Error handling externals definition for 'parbase':  
svn: warning: OPTIONS of 'https://subversion.gsi.de/fairroot/fairbase/release/parbase': could not connect to server (https://subversion.gsi.de)

(.../...)

svn: warning: Error handling externals definition for 'genfit':  
svn: warning: Repository moved permanently to 'https://svn.code.sf.net/p/genfit/code/core'; please relocate  
svn: warning: Error handling externals definition for 'GenfitTools/trackrep/LSLtrackRep':  
svn: warning: Repository moved permanently to  
'https://svn.code.sf.net/p/genfit/code/LSLtrackRep'; please relocate  
svn: warning: Error handling externals definition for 'GenfitTools/trackrep/GeaneTrackRep2':  
svn: warning: Repository moved permanently to  
'https://svn.code.sf.net/p/genfit/code/GeaneTrackRep2'; please relocate  
svn: warning: Error handling externals definition for 'GenfitTools/trackrep/RKTrackRep':  
svn: warning: Repository moved permanently to  
'https://svn.code.sf.net/p/genfit/code/RKTrackRep'; please relocate  
At revision 11867.

I've contacted our cluster-administration to investigate if it consist really of a network-connection problem. I still don't have an answer...

I'll sent an update when I know something new...

Thanks for your help.  
Mamen

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Subject: Re: Diff between r 13415 and current & development help  
Posted by [Stefano Spataro](#) on Thu, 05 Nov 2015 18:09:11 GMT  
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You should to the propedit command in the trunk, and modify the genfit line using now:

<https://svn.code.sf.net/p/genfit/code/core>

Moreover, in GenfitTools/trackrep you have to do again the propedit command and modify all the lines with:

<https://svn.code.sf.net/p/genfit/code/LSLtrackRep>

Since the genfit repository has changed in the meantime. And then the svn update -r 11867 from pandaroot folder.  
About the problems with the base packages, in theory they should work, the link should be the same.

Are you sure you want to use code 4 years old?

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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 system
--- 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...

---

Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [StefanoSpataro](#) on Sat, 07 Nov 2015 07:47:43 GMT  
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Can you do the usual:

```
svn propedit svn:externals .
```

There should be the line for GeaneTrackRep2:

```
GeaneTrackRep2 -r 400 https://svn.code.sf.net/p/genfit/code/trunk/GeaneTrackRep2
Is it there?
```

---

Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [Mamen](#) on Mon, 09 Nov 2015 13:45:18 GMT  
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Hi! Again!

I added the line you propose doing `svn propedit svn:externals` in `GenfitTools/trackrep/` inside



my pandaroot directory.

It looks now like this:

```
LSLtrackRep -r216 https://svn.code.sf.net/p/genfit/code/LSLtrackRep
GeaneTrackRep2 -r 400 https://svn.code.sf.net/p/genfit/code/trunk/GeaneTrackRep2
RKTrackRep -r313 https://svn.code.sf.net/p/genfit/code/LSLtrackRep
```

And it seems we went a step forward.

Now the command cmake complains about the following:

```
CMake Error at GenfitTools/trackrep/CMakeLists.txt:57 (add_library):
  Cannot find source file:
```

```
  RKTrackRep/RKTrackRep.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
```

---

Subject: Re: Diffs between r 13415 and current & developement help

Posted by [StefanoSpataro](#) on Mon, 09 Nov 2015 15:58:16 GMT

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```
RKTrackRep -r313 https://svn.code.sf.net/p/genfit/code/LSLtrackRep
```

```
->
```

```
RKTrackRep -r313 https://svn.code.sf.net/p/genfit/code/RKTrackRep
```

---

---

Subject: Re: Diffs between r 13415 and current & developement help

Posted by [Mamen](#) on Mon, 09 Nov 2015 16:33:29 GMT

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Thank you! Thank you! Thank you!!

It finally worked!!

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Subject: Re: Diffs between r 13415 and current & developement help  
Posted by [StefanoSpataro](#) on Mon, 09 Nov 2015 21:57:14 GMT  
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Wow, that was quite hard this time!

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