Subject: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by Stefan Pflueger on Mon, 06 May 2013 11:37:37 GMT
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Hello,

I was just updating my Pandaroot and I'm getting the following compiler errors:
Quote:
[7%] Generating G__BaseDict.cxx
Error: cannot open file "f_evt.h" /home/steve/pandaroot/base/source/FairLmdSource.h:13:
Error: cannot open file "s_filhe_swap.h"
/home/steve/pandaroot/base/source/FairLmdSource.h:14:
Error: cannot open file "s_bufhe_swap.h"
/home/steve/pandaroot/base/source/FairLmdSource.h:15:
Error: Symbol s_evt_channel is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:32:
Error: Symbol fxInputChannel is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:32:
Error: Symbol s_ve10_1 is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:33:
Error: Symbol fxEvent is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:33:
Error: Symbol s_bufhe is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:34:
Error: Symbol fxBuffer is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:34:
Error: Symbol s_ves10_1 is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:36:
Error: Symbol fxSubEvent is not defined in current scope
/home/steve/pandaroot/base/source/FairLmdSource.h:36:
Warning: Error occurred during reading source files
Warning: Error occurred during dictionary source generation

I couldn't find the three header files (f_evt.h etc.) on my system and google told me that they are part of the data acquisition backbone base (dabc) of fair. Is this correct? If so shouldn't the dabc repository be included as an external? Or am I missing something else?

Best regards,

Stefan

Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by Ralf Kliemt on Mon, 06 May 2013 11:45:41 GMT
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Hello Stefan.

Please update to rev. 19614.

You alternatively may try rev. 19616 and tell me what sorts of problems you get (it should compile, you just hit an intermediate state.).

Beware that there will be more changes ahead which might break compilation on the trunk these days. I do my best to avoid that.

Cheers
Ralf

Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by Stefan Pflueger on Mon, 06 May 2013 11:48:35 GMT
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Hi Ralf,

ah ok, thx a lot. Totally forgot about this... Stefano gave us an heads up already.

Stefan

Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by StefanoSpataro on Mon, 06 May 2013 11:53:54 GMT
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... you missed the pandaroot meeting of this morning, where it was announced

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Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by Stefan Pflueger on Mon, 06 May 2013 12:12:31 GMT
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Hi,

@Ralf
ok revision 19614 compiles just fine, but 19616 gives me the following errors at the cmake stage...
Quote:
CMake Error at cmake/modules/ROOTMacros.cmake:237 (Add_Library):
  Cannot find source file:

    FairBaseContFact.cxx

  Tried extensions .c .C .c++ .cc .cpp .cxx .m .M .mm .h .hh .h++ .hm .hpp
  .hxx .in .txx
Call Stack (most recent call first):
  base/CMakeLists.txt:79 (GENERATE_LIBRARY)

-- Build files have been written to: /home/steve/pandaroot/build

Ok I didn't investigate this, but that file resides in the base subdir, so probably just some wrong path setting.
Quote:
[steve@paluma01 build]$ locate FairBaseContFact.cxx
/home/steve/pandaroot/base/FairBaseContFact.cxx

@Stefano yes I should probably start taking part in these meetings...

Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by StefanoSpataro on Mon, 06 May 2013 12:21:09 GMT
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However, in my Ubuntu the new trunk compiled, now I will check in my MAC.

Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by Ralf Kliemt on Mon, 06 May 2013 12:22:31 GMT
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Hi Stefan
Maybe you should check your working copy (use svn status). If you're "clean" then simply remove eveerything in your build directory and run cmake/make again.

Cheers
Ralf

Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)
Posted by Stefan Pflueger on Mon, 06 May 2013 12:35:16 GMT
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Hi,

hmpf sry, ok somehow my base directory was "broken"... ok its working now (fedora 16 64bit)

Subject: Re: Fairroot compiler errors: when building current pandaroot revision (19615)

Posted by Florian Uhlig on Mon, 06 May 2013 13:13:41 GMT

Hi Stefan,

obviously there is something wrong with you local working copy. The file should be now in

./base/sim/FairBaseContFact.cxx

Maybe do a "svn cleanup" in the base directory of your pandaroot installation.

Ciao

Florian