Subject: PandaRoot test failed on CentOS7
Posted by Mark Lattery on Fri, 25 Jun 2021 19:44:20 GMT
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Hi,

Attempt to test pandaroot failed.

Software successfully installed:
fairsoft_nov20_patches
FairRoot-v18.2
PandaRoot v12.0.2

Below a portion of the log (complete log enclosed). This includes the tail end of the installation and the test.

(Yes, I ran the 'config' file...)

Thank you for any help you can offer.

Mark

```
[root@localhost build]# pwd
/home/Panda/pandaroot/build
[root@localhost build]# ls
analysis         CMakeFiles          CTestTestfile.cmake    external  googletest-build     Makefile
  Testing
bin              cmake_install.cmake  cxx11                 fastsim   googletest-download
pgenerators  timebased
check_system.csh  config.sh           DartConfiguration.tcl  field     googletest-src       pid
tools
check_system.sh   config.sh_install   detectors              genfit    lib                  pnddata
tracking
CMakeCache.txt    CTestCustom.cmake   eventdisplay           genfit2   macro                softrig
[root@localhost build]# . ./config.sh
System during compilation: CentOS Linux release 7.9.2009 (Core)
                           x86_64
System now               : CentOS Linux release 7.9.2009 (Core)
                           x86_64
[root@localhost build]# cd /home/Panda/pandaroot/source/macro/run
[root@localhost run]# ls
digi_complete.C         digiOnly_complete.C  reco_complete.C         recoLocal_complete.C
sim_complete_newSTT.C
digi_complete_newSTT.C  pid_complete.C       reco_complete_newSTT.C  sim_complete.C
  sim_radlength_complete.C
[root@localhost run]# root -l sim_complete.C
root [0]
Processing sim_complete.C...
In file included from input_line_11:1:
/home/Panda/pandaroot/source/macro/run/sim_complete.C:7:10: fatal error:
```

```
'FairFilteredPrimaryGenerator.h' file not found
#include <FairFilteredPrimaryGenerator.h>
        ^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Warning in <TInterpreter::TCling::RegisterModule>: Problems in compiling forward
declarations for module G__FairTools: '
#line 1 "G__FairTools dictionary forward declarations' payload"
#pragma clang diagnostic ignored "-Wkeyword-compat"
#pragma clang diagnostic ignored "-Wignored-attributes"
#pragma clang diagnostic ignored "-Wreturn-type-c-linkage"
extern int __Cling_AutoLoading_Map;
class FairLogger;
class FairMonitor;
class FairSystemInfo;
'
Warning in <TInterpreter::TCling::RegisterModule>: Problems in compiling forward
declarations for module G__ParBase: '
#line 1 "G__ParBase dictionary forward declarations' payload"
#pragma clang diagnostic ignored "-Wkeyword-compat"
#pragma clang diagnostic ignored "-Wignored-attributes"
#pragma clang diagnostic ignored "-Wreturn-type-c-linkage"
extern int __Cling_AutoLoading_Map;
class __attribute__((annotate(R"ATTRDUMP(class for list elements in class
FairContFact)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(class for list elements in
class FairContFact)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(class for list
elements in class FairContFact)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(class
for list elements in class FairContFact)ATTRDUMP"))) FairContainer;
class __attribute__((annotate(R"ATTRDUMP(base class of all factories for parameter
containers)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(base class of all factories
for parameter containers)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(base class of
all factories for parameter containers)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(base class of all factories for parameter
containers)ATTRDUMP"))) FairContFact;
class __attribute__((annotate(R"ATTRDUMP(Base class for detector parameter
IO)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class for detector parameter
IO)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class for detector parameter
IO)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class for detector parameter
IO)ATTRDUMP"))) __attribute__((annotate("$clingAutoload$FairDetParIo.h")))  FairDetParIo;
class __attribute__((annotate(R"ATTRDUMP(Class for detector parameter I/O from ascii
file)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Class for detector parameter I/O
from ascii file)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Class for detector
parameter I/O from ascii file)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Class for
detector parameter I/O from ascii file)ATTRDUMP"))) FairDetParAsciiFileIo;
class __attribute__((annotate(R"ATTRDUMP(detector base class for parameter I/O from
ROOT file)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(detector base class for
parameter I/O from ROOT file)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(detector
base class for parameter I/O from ROOT file)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(detector base class for parameter I/O from ROOT
file)ATTRDUMP"))) FairDetParRootFileIo;
class __attribute__((annotate(R"ATTRDUMP(I/O from Ascii file for parameter containers
derived from FairParGenericSet)ATTRDUMP"))) FairGenericParAsciiFileIo;
class __attribute__((annotate(R"ATTRDUMP(I/O from ROOT file for parameter containers
derived from FairParGenericSet)ATTRDUMP"))) FairGenericParRootFileIo;
```

class FairParamObj;

```
```

File Attachments

1) pandaroot.log2.pdf, downloaded 605 times

Subject: Re: PandaRoot test failed on CentOS7
Posted by Tobias Stockmanns on Fri, 25 Jun 2021 20:04:36 GMT
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Hi Mark,

you should use the official combination of FairSoft/FairRoot/PandaRoot, which is nov20/v18.6/v12.0.
But the problem is connected with the #include <FairFilteredPrimaryGenerator.h>.

Just comment out this line and it should work.

Cheers,

Tobias

Subject: Re: PandaRoot test failed on CentOS7
Posted by Mark Lattery on Sat, 26 Jun 2021 18:28:17 GMT
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Thank you for this information!

Commenting out the include statement leads to more errors, but I will try the new combination.

Also, you'll notice I started to a new thread because I thought (somehow) I deleted this one. But it was just a refresh issue...

Subject: Re: PandaRoot test failed on CentOS7
Posted by Mark Lattery on Sat, 26 Jun 2021 18:30:57 GMT
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Thank you for this information!

Commenting out the include statement leads to more errors, but I will try the new combination.

Also, you'll notice I started to a new thread because I thought (somehow) I deleted this one. But it was just a refresh issue...
