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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              soffrig
[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("$clingAutoload$FairDetParlo.h"))) FairDetParlo;
```

```
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"))) FairDetParAsciiFilelo;
```

```
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"))) FairDetParRootFilelo;
```

```
class __attribute__((annotate(R"ATTRDUMP(I/O from Ascii file for parameter containers  
derived from FairParGenericSet)ATTRDUMP"))) FairGenericParAsciiFilelo;
```

```
class __attribute__((annotate(R"ATTRDUMP(I/O from ROOT file for parameter containers  
derived from FairParGenericSet)ATTRDUMP"))) FairGenericParRootFilelo;
```

class FairParamObj;

.....

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## File Attachments

1) [pandaroot.log2.pdf](#), downloaded 286 times

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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

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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...

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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...

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