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Subject: Re: PandaRoot 12.0.0 installation fails on CentOS7

Posted by [Mark Lattery](#) on Sun, 27 Jun 2021 19:51:38 GMT

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Just an update:

After trying numerous combination of software, the only one that worked for me on Cent OS7 was:

fairsoft\_nov20\_patches

FairRoot-v18.6

PandaRoot v12.0.2

However, the event generator/simulation software does not seem to be working. See sample output below. (Complete output is enclosed.)

Still, I was able to copy simulation \*.root files from a computer with an older version of the software and the analysis code seems to be working.

-----

```
[mlattery@localhost rho]$ root -l -b -q 'tut_sim.C(100)'
```

```
Processing tut_sim.C(100)...
```

```
In file included from input_line_11:1:
```

```
/home/Panda/pandaroot/source/tutorials/rho/tut_sim.C:10:10: 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;
class FairParamList;
class __attribute__((annotate(R"ATTRDUMP(Base class for all parameter I/Os)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(Base class for all parameter I/Os)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(Base class for all parameter I/Os)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(Base class for all parameter I/Os)ATTRDUMP")))
__attribute__((annotate("$clingAutoload$FairParlo.h"))) FairParlo;
class __attribute__((annotate(R"ATTRDUMP(Parameter I/O from ASCII files)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(Parameter I/O from ASCII files)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(Parameter I/O from ASCII files)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(Parameter I/O from ASCII files)ATTRDUMP")))
FairParAsciiFilelo;
class __attribute__((annotate(R"ATTRDUMP(Base class for all parameter
containers)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class for all
parameter containers)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class for
all parameter containers)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class
for all parameter containers)ATTRDUMP")))
__attribute__((annotate("$clingAutoload$FairParSet.h"))) FairParSet;
class __attribute__((annotate(R"ATTRDUMP(Base class for generic-style parameter
containers)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class for
generic-style parameter containers)ATTRDUMP")))
__attribute__((annotate(R"ATTRDUMP(Base class for generic-style parameter
containers)ATTRDUMP"))) __attribute__((annotate(R"ATTRDUMP(Base class for
generic-style parameter containers)ATTRDUMP"))) FairParGenericSet;

```

[...]

## File Attachments

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1) [pandaroot.log4.pdf](#), downloaded 180 times

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