
Subject: compilation error

Posted by [Aida Galoyan](#) on Fri, 26 Feb 2016 13:01:44 GMT

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Hello,

I have error at compilation of PandaRoot.
I try to explain.

Martin Vala, our computer administrator
installed PandaRoot with external
packages at cluster HybriLit at JINR, Dubna.
Everything was O'k.

Today I have tried to install PandaRoot last version (28940)
in my home account at HybriLit.

All comands before make are working normal.

But, when I give

> make

I have following error connected with PndMasterRunAna.cxx:

```
-----  
[ 88%] Building CXX object PndTools/master/CMakeFiles/Master.dir/PndMasterRunAna.cxx.o  
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas
```

```
using std::cout;
```

```
^
```

```
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas
```

```
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas  
ter/PndMasterRunA na.cxx:34:82: error: no matching function for call to
```

```
    FairFileSource *fileSource = new FairFileSource(creator.GetSimFileName().data());  
                                                ^
```

```
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas  
ter/PndMasterRunA na.cxx:34:82: note: candidates are:
```

```
In file included from /cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include  
/FairRootManager.h:24:0,
```

```
    from /cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include
```

```
/FairRunAna.h:21,
```

```
    from /nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTool
```

```
s/master/PndMasterRunAna.h:16,
```

```
    from /nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTool
```

```
s/master/PndMasterRunAna.cxx:1:
```

```
/cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include/Fair FileSource.h:96:5 :  
note: FairFileSource::FairFileSource(const FairFileSource&)
```

```
    FairFileSource(const FairFileSource&);
```

```
^
```

```
/cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include/Fair FileSource.h:96:5 :  
note: FairFileSource::FairFileSource(FairFileSource&)
```

```
/cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include/Fair FileSource.h:33:5 :
note: FairFileSource::FairFileSource(const TString*, const char*, UInt_t)
  FairFileSource(const TString* RootFileName, const char* Title="InputRootFile", UInt_t
identifier=0);
  ^
```

```
/cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include/Fair FileSource.h:33:5 :
```

```
/cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include/Fair FileSource.h:32:5 :
note: FairFileSource::FairFileSource(TFile*, const char*, UInt_t)
  FairFileSource(TFile *f, const char* Title="InputRootFile", UInt_t identifier=0);
  ^
```

```
/cvmfs/hybrilit.jinr.ru/sw/fairroot/v15.07a_nov15/sl6-gcc48/include/Fair FileSource.h:32:5 :
```

```
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas
```

this scope

```
  SetSource(fileSource);
    ^
```

```
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas
```

```
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas
```

scope

```
  cout << endl;
  ^
```

```
make[2]: *** [PndTools/master/CMakeFiles/Master.dir/PndMasterRunAna.cxx.o] Error 1
```

```
make[1]: *** [PndTools/master/CMakeFiles/Master.dir/all] Error 2
```

```
make: *** [all] Error 2
```

What is the reason of the error?

Can somebody help me to remove this error?

Thank you in advance.

best regards,

Aida

Subject: Re: compilation error

Posted by [Stefano Spataro](#) on Fri, 26 Feb 2016 23:06:09 GMT

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The first error has been fixed, most probably, in the last trunk.

For all the other errors... now you should use FairSoft mar15 and FairRoot v-15.11. I believe you are using an older version of FairRoot.

Subject: Re: compilation error
Posted by [Aida Galoyan](#) on Wed, 02 Mar 2016 09:54:48 GMT
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Hello Stefano,

after your e-mail, I updated pandaroot,
but I obtained at the compilation the same error (which I found before) in the file
PndMasterRunAna.cxx, connected with line:
> FairFileSource *fileSource = new FairFileSource(creator.GetSimFileName().data());

When I replaced this line into the line:

```
>FairFileSource *fileSource = new FairFileSource(new  
TString(creator.GetSimFileName().data()));
```

this error disappeared.

But after this, I have following error on the line

```
>SetSource(fileSource);
```

```
-----  
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas  
ter/PndMasterRunAna.cxx: In member function 'Bool_t PndMasterRunAna::Setup()':  
/nfs/hybrilit.jinr.ru/user/a/agaloyan/panda_Feb16/pandaroot/PndTools/mas  
ter/PndMasterRunAna.cxx:57:23: error: 'SetSource' was not declared in this scope  
  SetSource(fileSource);  
    ^
```

```
make[2]: *** [PndTools/master/CMakeFiles/Master.dir/PndMasterRunAna.cxx.o] Error 1  
make[1]: *** [PndTools/master/CMakeFiles/Master.dir/all] Error 2  
make: *** [all] Error 2  
-----
```

When I committed out the line

```
>SetSource(fileSource);
```

compilation of pandaroot is o'k.

I don't now,
>SetSource(fileSource);
is needed or not?

Best regards,
Aida

Subject: Re: compilation error

Posted by [StefanoSpataro](#) on Wed, 02 Mar 2016 10:19:19 GMT

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Can I know which operating system you are using, and which C++ compiler?
Which FairRoot version?

Subject: Re: compilation error

Posted by [Aida Galoyan](#) on Wed, 02 Mar 2016 10:58:58 GMT

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Hello again,

we are using
Scientific Linux 6.7
gcc 4.8.4

Subject: Re: compilation error

Posted by [StefanoSpataro](#) on Wed, 02 Mar 2016 11:03:11 GMT

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Which FairRoot version?

Subject: Re: compilation error

Posted by [Aida Galoyan](#) on Wed, 02 Mar 2016 12:22:51 GMT

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Hello again,

for installation of externals, in my account at HybriLit I give command:

```
module add hlit/fairroot/v15.07a_nov15
```

How I understand it is installed version of Fairroot - November15.

Best regards,
Aida

Subject: Re: compilation error

Posted by [StefanoSpataro](#) on Wed, 02 Mar 2016 12:59:24 GMT

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You are using FairRoot v15.07a, but you must use v15.11 (or v15.11a).

[https://panda-wiki.gsi.de/foswiki/bin/view/Computing/PandaRoot#Suggested
_version_of_the_code](https://panda-wiki.gsi.de/foswiki/bin/view/Computing/PandaRoot#Suggested_version_of_the_code)

Subject: Re: compilation error
Posted by [Aida Galoyan](#) on Wed, 02 Mar 2016 13:29:53 GMT
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O,k.

I will ask Martin Vala,
system administrator of HybriLit,
to install Fairroot version v15.11 (or v15.11a)
on HybriLit.

Best regards
Aida
