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Subject: can't start

Posted by [Anna Skachkova](#) on Tue, 19 Feb 2019 09:46:25 GMT

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Dear colleagues,

I've got problems just in the beginning of starting PandaRoot. I've started with tutorials at thailand directory and got the diagnostics below. What can be the reason for that?

Thank you in advance,  
Anna

```
~/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017$ tut_runall.sh
```

```
Processing tut_sim.C(100,"signal","pp_jpsi2pi_jpsi_mumu.dec",6.231552)...
```

```
In file included from input_line_10:1:
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/tut_sim.C:29:3: error: unknown type name 'PndMasterRunSim'
```

```
  PndMasterRunSim *fRun = new PndMasterRunSim();
```

```
  ^
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/tut_sim.C:29:31: error: unknown type name 'PndMasterRunSim'
```

```
  PndMasterRunSim *fRun = new PndMasterRunSim();
```

```
    ^
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/tut_sim.C:43:3: error: unknown type name 'FairFilteredPrimaryGenerator'
```

```
  FairFilteredPrimaryGenerator *primGen = fRun->GetFilteredPrimaryGenerator();
```

```
  ^
```

```
Processing tut_aod.C(100,"signal")...
```

```
In file included from input_line_10:1:
```

```
In file included from
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/tut_aod.C:10:
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/auxtut.C:32:1: error: unknown type name 'FairRunAna'
```

```
FairRunAna* initrun(TString prefix, TString outfile, int min=-1, int max=-1)
```

```
^
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/auxtut.C:42:2: error: use of undeclared identifier 'FairLogger'
```

```
  FairLogger::GetLogger()->SetLogToFile(kFALSE);
```

```
  ^
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/auxtut.C:43:2: error: unknown type name 'FairRunAna'
```

```
  FairRunAna* fRun = new FairRunAna();
```

```
  ^
```

```
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thailand2017/auxtut.C:43:25: error: unknown type name 'FairRunAna'
```

```
  FairRunAna* fRun = new FairRunAna();
```

```

      ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:44:2: error: unknown type name 'FairRuntimeDb'
  FairRuntimeDb* rtdb = fRun->GetRuntimeDb();
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:45:22: error: unknown type name 'FairFileSource'
  fRun->SetSource(new FairFileSource(inPidFile));
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:48:2: error: unknown type name 'FairParRootFilelo'
  FairParRootFilelo* parIO = new FairParRootFilelo();
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:48:33: error: unknown type name 'FairParRootFilelo'
  FairParRootFilelo* parIO = new FairParRootFilelo();
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:50:2: error: unknown type name 'FairParAsciiFilelo'
  FairParAsciiFilelo* parIOPid = new FairParAsciiFilelo();
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:50:37: error: unknown type name 'FairParAsciiFilelo'
  FairParAsciiFilelo* parIOPid = new FairParAsciiFilelo();
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:139:11: error: unknown type name 'RhoCandList'
int fillM(RhoCandList &l, TH1* h)
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/auxtut.C:146:11: error: unknown type name 'RhoCandList'
int fillP(RhoCandList &l, TH1* h)
  ^
In file included from input_line_10:1:
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/tut_aod.C:19:3: error: unknown type name 'PndMasterRunAna'
  PndMasterRunAna *fRun= new PndMasterRunAna();
  ^
/home/anna/WORK/PandaRoot/fairsoft_may18/pandaroot_dec18/tutorials/thail
and2017/tut_aod.C:19:30: error: unknown type name 'PndMasterRunAna'
  PndMasterRunAna *fRun= new PndMasterRunAna();

```

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Subject: Re: can't start  
 Posted by [Ralf Kliemt](#) on Tue, 19 Feb 2019 09:51:22 GMT  
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Dear Anna,

Did you source the config.sh file in your build directory? To me it seems the symbols are not

visible to root, yet.

Cheers!  
Ralf

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Subject: Re: can't start  
Posted by [Anna Skachkova](#) on Tue, 19 Feb 2019 11:05:49 GMT  
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Yes, I did:  
~/WORK/PandaRoot/fairsoft\_may18/pandaroot\_dec18/buildPanda\$ ./config.sh  
System during compilation: Ubuntu 17.10  
                          x86\_64  
System now                  : Ubuntu 17.10  
                          x86\_64

Do I need to do it everytime?  
My ROOTSYS is set to /home/anna/WORK/PandaRoot/fairsoft\_may18/tools/root

Cheers,  
Anna

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Subject: Re: can't start  
Posted by [Ralf Kliemt](#) on Tue, 19 Feb 2019 11:25:51 GMT  
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Yes, you need to do that for every new shell you want to run PandaRoot in.

Cheers!  
Ralf

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Subject: Re: can't start  
Posted by [Tobias Stockmanns](#) on Tue, 19 Feb 2019 11:40:40 GMT  
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But you could put it into your bash.rc script that it is started automatically.

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Subject: Re: can't start  
Posted by [Anna Skachkova](#) on Tue, 19 Feb 2019 11:48:17 GMT  
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What exactly should I put in .bashrc? Or in .profile?  
I use already variables SIMPATH, ROOTSYS, CMake and FAIRROOTPATH in .profile. What else is needed?

...And the problem is still exist ...

Thank you,  
Anna

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Subject: Re: cann't start  
Posted by [Tobias Stockmanns](#) on Tue, 19 Feb 2019 11:50:00 GMT  
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You can call `./config.sh` from `bashrc` directly.  
Then it will always be present and you do not need to call it whenever you start a new terminal.

What do you mean with "the problem is still present"?

Cheers,

Tobias

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Subject: Re: cann't start  
Posted by [Anna Skachkova](#) on Tue, 19 Feb 2019 12:27:36 GMT  
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Oh, no, sorry. I now understood that I confused the terminals where `.config.sh` were launched.  
So for the moment this problem is solved.

Thanks a lot for help!  
Anna

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