
Subject: [FIXED] libPythia6.so: cannot open shared object file:
Posted by [Elisa Fioravanti](#) on Fri, 21 Sep 2012 07:16:08 GMT
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Dear all,

I installed the sep12 external package, and the last version of pandaroot.
When I tried to run a simple macro I got the following error message.
could you please help me?

Thanks
Elisa

```
root -l run_sim.C
dlopen error: libPythia6.so: cannot open shared object file: No such file or directory
Load Error: Failed to load Dynamic link library
/home/fioravanti/sep12/tools/root/lib/libEGPythia6.so
Warning: Return value of void basiclibs() ignored
/home/fioravanti/sep12/pandaroot/gconfig/basiclibs.C:25:
root [0]
Processing run_sim.C...
dlopen error: libPythia6.so: cannot open shared object file: No such file or directory
Load Error: Failed to load Dynamic link library
/home/fioravanti/sep12/tools/root/lib/libEGPythia6.so
Warning: Return value of void basiclibs() ignored
/home/fioravanti/sep12/pandaroot/gconfig/basiclibs.C:25:
Error: Symbol FairRunSim is not defined in current scope run_sim.C:11:
Error: Symbol FairRunSim is not defined in current scope run_sim.C:11:
Error: type FairRunSim not defined
FILE:/home/fioravanti/sep12/pandaroot/macro/fts/StudiAccettanza/./run_sim.C LINE:11
Warning: Automatic variable FairRunSim*fRun is allocated run_sim.C:11:
Error: Undeclared variable FairRunSim*fRun run_sim.C:11:
```

Subject: Re: libPythia6.so: cannot open shared object file:
Posted by [Elisa Fioravanti](#) on Fri, 21 Sep 2012 07:39:56 GMT
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Sorry,

I solved by myself this problem,
now it remains the error message below,
any idea?
(I already compile pandaroot)

```
root [0]
Processing run_sim.C...
```

Error: Symbol FairRunSim is not defined in current scope run_sim.C:11:
Error: Symbol FairRunSim is not defined in current scope run_sim.C:11:
Error: type FairRunSim not defined
FILE:/home/fioravanti/sep12/pandaroot/macro/fts/StudiAccettanza/./run_sim.C LINE:11
Warning: Automatic variable FairRunSim*fRun is allocated run_sim.C:11:
Error: Undeclared variable FairRunSim*fRun run_sim.C:11:
*** Interpreter error recovered ***

Subject: Re: libPythia6.so: cannot open shared object file:
Posted by [Stefan Pflueger](#) on Fri, 21 Sep 2012 08:11:18 GMT
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Hi Elisa,

could you post the code of your macro (at least the relevant part)? That would help a bit.
Thanks,

Stefan

Subject: Re: libPythia6.so: cannot open shared object file:
Posted by [Ajay Kumar](#) on Wed, 26 Sep 2012 11:10:53 GMT
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Hi Elisa,

I had same error in serial as you have(dlopen & FairRunSim).
you have already removed dlopen error after loading libPythia6.so in your macro.
Now for FairRunSim you have to load config.sh in your pandaroot build directory
> . config.sh

After this you remove CMakeCache.txt and config.sh from your build directory and do again in
build directory as following.

```
> cmake ../  
>make
```

May be it will help in your case also.

Subject: Re: libPythia6.so: cannot open shared object file:
Posted by [Elisa Fioravanti](#) on Wed, 26 Sep 2012 12:10:14 GMT
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Dear Ajay,

thanks a lot for your reply,
it is exactly the solution of my problem,

thanks again
Elisa
