Subject: Error loading libPGen.so Posted by M.Babai on Wed, 23 Apr 2008 09:43:52 GMT View Forum Message <> Reply to Message

Hi all

I'm trying to run fastsimulation macros in pandaroot. Using the latest version of rootlogon.C available from svn, starting root produces the following error:

dlopen error: /opt/fairroot/fairsoft/buildPanda/lib/libPGen.so: undefined symbol: lujets_ Load Error: Failed to load Dynamic link library /opt/fairroot/fairsoft/buildPanda/lib/libPGen.so (int)(-1)

*** Interpreter error recovered ***

Generating stack trace...

0xb438d541 in CbmMCApplication::InitMC(char const*) at

/opt/fairroot/fairsoft/pandaroot/base/CbmMCApplication.cxx:169 from

/opt/fairroot/fairsoft/buildPanda/lib/libBase.so

0xb43a0ba6 in CbmRunSim::Init() at /opt/fairroot/fairsoft/pandaroot/base/CbmRunSim.cxx:164 from /opt/fairroot/fairsoft/buildPanda/lib/libBase.so

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and much more

Anybody else has encountered the same? or any idea how to solve this?

btw. I'm using the latest pandaroot (checked out this morning). Kind wishes.

Subject: Re: Error loading libPGen.so Posted by M.Babai on Fri, 25 Apr 2008 15:05:37 GMT View Forum Message <> Reply to Message

The problem is solved now.

This was caused by the original geant3 from the cernlibs installed in the system libraries (name

Subject: Re: Error loading libPGen.so Posted by asanchez on Fri, 25 Apr 2008 15:34:19 GMT View Forum Message <> Reply to Message

Hi i have updated today and the problem with the libPGen.so is still persistent.

I'm working with gsi installation. Should one change the path to get the new the cernlibs(concerning M.Babai remark) or not? Is anyone taking care of this problem?

cheers ALicia.

Subject: Re: Error loading libPGen.so Posted by Felix Boehmer on Thu, 08 May 2008 15:57:50 GMT View Forum Message <> Reply to Message

Hi,

I just got the same error (clean installation, svn version 2737):

dlopen error: /afs/e18/panda/SIM/fboehmer/cbuild/lib/libPGen.so: undefined symbol: lujets_ Load Error: Failed to load Dynamic link library /afs/e18/panda/SIM/fboehmer/cbuild/lib/libPGen.so

How can I solve this?

EDIT:

I stumbled upon the other thread about this topic after I posted this.

I tried to load libDpmEvtGen before libPGen like Mohammad proposed but the error persists. I also tried a make in the DpmEvtGen directory with no success but I noticed this warning :

Compiling file main.cc ...

main.cc:26: warning: non-local variable '<anonymous struct> lujets_' uses anonymous type

So... does anybody know how to fix this? Any (temporary) solution would be very welcome!

Thanks!

Felix

It's working now.

Apparently Mohammad's fix is working...

Subject: Re: Error loading libPGen.so Posted by StefanoSpataro on Thu, 08 May 2008 16:20:42 GMT View Forum Message <> Reply to Message

Have you tried to load the "standard" gconfig/rootlogon.C?

In theory with it everything should run fine.

Subject: Re: Error loading libPGen.so Posted by Anonymous Poster on Fri, 09 May 2008 18:12:45 GMT View Forum Message <> Reply to Message

Hi Stefano!

I have tried gconfig/rootlogon.C, but it cause the same error:

dlopen error: /home/sokolov/fairroot/cbmsoft/cbuild/lib/libPGen.so: undefined symbol: lujets_

In my case solution was just adding the line:

gSystem->Load("libDpmEvtGen");

into the script.

Best regards,

Andrey