Subject: Error in make in EvtGen
Posted by manoj.jadhav on Thu, 18 Mar 2010 12:54:18 GMT
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hello all,

I have installed pandaroot & set the environment in pandaroot/buildPanda by command .
./config.sh and tried to test EvtGen package

pandaroot/pgenerators/EvtGen
by . configure

when I do make, I am facing following error:
.....
For a listing of replacement headers and interfaces, consult the file backward_warning.h. To disable this warning use -Wno-deprecated.
/bin/sh: Syntax error: Bad fd number
make: *** [ar] Error 2
.....
so please help me out.

Subject: Re: Error in make in EvtGen
Posted by Johan Messchendorp on Thu, 18 Mar 2010 14:38:34 GMT
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Dear Manoj,

EvtGen is a headache since the success of its compilation and building depends strongly on the system and compilers you are using. In particular, it is often found complicated to build it on newer systems using gfortran. There are however some tricks and installation tips, which you can find and read on

http://panda-wiki.gsi.de/cgi-bin/view/Computing/WebHome?topic=EvtGen

I would suggest to follow the steps indicated on this Wiki.

Greetings,

Johan.

Subject: Re: Error in make in EvtGen
Posted by manoj.jadhav on Mon, 22 Mar 2010 09:47:52 GMT
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hi,

I have compile with your given site but not successful
Here I am not able to understand this error massage

.....

/bin/sh: Syntax error: Bad fd number
make: *** [ar] Error 2

.....

As far as I understand this /bin/sh is an executable file & we can't read it, so I am not able to understand from where this error is coming?

Subject: Re: Error in make in EvtGen
Posted by Johan Messchendorp on Mon, 22 Mar 2010 10:01:47 GMT
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try to use /bin/bash instead... maybe that resolves it.

Johan.

Subject: Re: Error in make in EvtGen
Posted by StefanoSpataro on Mon, 22 Mar 2010 10:20:52 GMT
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The problem is due to Ubuntu that is using dash as sh.
The solution should be to remove the /bin/sh file, or better to rename it, and to link the bash to sh.

ln -s /bin/bash /bin/sh

This should fix the problem, we had already this problem two years ago and we have fixed it in this way (even if I was not able to find the old thread in the forum)

Subject: Re: Error in make in EvtGen
Posted by manoj.jadhav on Tue, 23 Mar 2010 09:36:57 GMT
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hi all,

After make bin I am facing the error which is attached bellow as nohup.out file,

I think there is some linking problem but not able to troubleshoot it.

with regards,

File Attachments

1) nohup.out, downloaded 555 times

Subject: Error in "make bin" in EvtGen
Posted by Aleksandra Biegun on Tue, 06 Apr 2010 12:11:59 GMT
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Dear All,

has anyone compiled the EvtGen with the new fairsoft?
I would be interested in getting the compiled version
for 64-bit machine and with gcc version 4.3.2.

I am trying compile EvtGen following the instructions
on the wiki and my problem starts when I do "make bin":

~/fair/trunk/pgenerators/EvtGen> make bin
gcc -L. -L/home/biegun/fair/cernlib_ab2005/lib/
-L/opt/exp_soft/panda/fairroot/fairsoft/cern/clhep/lib
-L/opt/exp_soft/panda/fairroot/fairsoft/tools/root/lib -lRIO -lSQL -lNet -o testEvtGen
testEvtGen.o -lEvtGen -lEvtGenModels -lEvtGenBase -lCLHEP -lpythia6205 -lpdflib804
-lpacklib -lmathlib -lphotos202 -lCore -lCint -lHist -lGraf -lGraf3d -lGpad -lTree -lRint
-lPostscript -lMatrix -lPhysics -ldl -lg2c -lnsl -lm -lMathCore -lThread
/usr/lib64/gcc/x86_64-suse-linux/4.3/../../../../x86_64-suse-linux/bin/l d: cannot find -lSQL
collect2: ld returned 1 exit status
make: *** [bin] Error 1

I remember that some time ago we could set this flag -lSQL
when we did ". configure", but now this is not the case any more.

I see that all 3 flags: deflinkopt="-lRIO -lSQL -lNet"
are inside the "configure" script, but "-lSQL" not seen in my case.

Could anyone help me with that, please.

Regards,
Ola.

Subject: Re: Error in "make bin" in EvtGen

Posted by Olaf Hartmann on Tue, 06 Apr 2010 12:18:47 GMT
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Hi Ola,

as a workaround I edited configure by hand. Then config.mk does not contain -lSQL any more.

Cheers
Olaf.

Subject: Re: Error in "make bin" in EvtGen
Posted by StefanoSpataro on Tue, 06 Apr 2010 12:19:19 GMT
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Hi,
in the comfig.mk remove -lSQL, then redo "make" and "make bin" (maybe, before make you have to do a "make clean")

Subject: Re: Error in "make bin" in EvtGen
Posted by Aleksandra Biegun on Tue, 06 Apr 2010 12:33:02 GMT
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Hi guys,

thanks for your reply.

I did like Stefano suggested, and now I have a problem with pythia6205, i.e.

~/fair/trunk/pgenerators/EvtGen> make bin
gcc -L. -L/home/biegun/fair/cernlib_ab2005/lib/
-L/opt/exp_soft/panda/fairroot/fairsoft/cern/clhep/lib
-L/opt/exp_soft/panda/fairroot/fairsoft/tools/root/lib -lRIO -lNet -o testEvtGen testEvtGen.o
-lEvtGen -lEvtGenModels -lEvtGenBase -lCLHEP -lpythia6205 -lpdflib804 -lpacklib -lmathlib
-lphotos202 -lCore -lCint -lHist -lGraf -lGraf3d -lGpad -lTree -lRint -lPostscript -lMatrix -lPhysics
-ldl -lg2c -lnsl -lm -lMathCore -lThread
/usr/lib64/gcc/x86_64-suse-linux/4.3/../../../../x86_64-suse-linux/bin/l d: skipping incompatible
/home/biegun/fair/cernlib_ab2005/lib//libpythia6205.a when searching for -lpythia6205
/usr/lib64/gcc/x86_64-suse-linux/4.3/../../../../x86_64-suse-linux/bin/l d: cannot find
-lpythia6205
collect2: ld returned 1 exit status
make: *** [bin] Error 1

Apparently I do not have that library where it should be:

which: no lpythia6205 in (/opt/exp_soft/panda/fairroot/fairsoft/tools/root/bin:/opt/exp_soft/pand

a/fairroot/fairsoft/basics/cmake/bin:/home/biegun/bin:/usr/local/bin:/us
r/bin:/bin:/usr/bin/X11:/usr/X11R6/bin:/usr/games:/opt/kde3/bin:/usr/lib
/mit/bin:/usr/lib/mit/sbin:/opt/gnome/bin:/opt/exp_soft/bin/svn)

Hmmm...
?

Subject: Re: Error in "make bin" in EvtGen
Posted by StefanoSpataro on Tue, 06 Apr 2010 12:55:15 GMT
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Which cern libs have you downloaded? Is it possible that you have downloaded 32bit version, while you need 64bit?

/usr/lib64/gcc/x86_64-suse-linux/4.3/../../../../x86_64-suse-linux/bin/l d: skipping incompatible /home/biegun/fair/cernlib_ab2005/lib//libpythia6205.a when searching for -lpythia6205

Subject: Re: Error in "make bin" in EvtGen
Posted by Aleksandra Biegun on Tue, 06 Apr 2010 15:38:18 GMT
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Hi Stefano,

indeed, I had wrong libraries.
But also have done the configure with double "gfortran" aguments
insted of "gcc" and "g77".
Anyway, now it works!

Thanks!!

Greetings,
Ola.

Subject: Re: Error in make in EvtGen
Posted by Johan Messchendorp on Tue, 06 Apr 2010 17:41:50 GMT
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Dear all,

I made a few small modification in the configuration/Makefile of EvtGen:

1) removed the -lSQL flag in the "configure" file (I expect most of us are using the new fairsoft anyway).
2) when running "configure", I added an additional question, asking for the linker program to

use for making the bins. This to avoid the "make gfortran the gcc compiler trick".
3) the EvtGen page on the panda wiki has been adapted accordingly.

Greets,

Johan.

Subject: Re: Error in make in EvtGen
Posted by manoj.jadhav on Fri, 09 Apr 2010 11:03:50 GMT
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hello all,

In EvtGen, after make bin it shows error

.....
usr/bin/ld: cannot find -l-l
collect2: ld returned 1 exit status
.....

I am not able to understand why this error is coming. So please help me in this regards.

Subject: Re: Error in make in EvtGen
Posted by manoj.jadhav on Fri, 09 Apr 2010 11:25:05 GMT
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hello all,

Now problem has been solved by setting path CERN_ROOT in .bashrc .

With Regards,

Subject: Re: Error in make in EvtGen
Posted by M.Babai on Mon, 27 Jun 2011 08:09:32 GMT
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Dear all,

Making EvtGen using gcc-4.6.x fails with the error:
EvtStreamInputIterator.hh:26:11: error: 'ptrdiff_t' does not name a type

It is can be solved by adding the line

#include <cstddef>

to the file:

pandaroot/pgenerators/EvtGen/EvtGenBase/EvtStreamInputIterator.hh

Unfortunately I do not have write access in that file, in order to update the repos.
Can someone please do this?

Kind wishes,
m.

Subject: Re: Error in make in EvtGen
Posted by Johan Messchendorp on Mon, 27 Jun 2011 08:46:58 GMT
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done.

j.
