
Subject: Problem using EvtGen

Posted by [Dipanwita Dutta](#) on Mon, 26 Jul 2010 11:09:32 GMT

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Hi

I was trying to use EvtGen.
After going to pgenerators/EvtGen and
./simpleEvtGen doesn't work

Do I have to compile it?
I tried to compile it in pgenerators/EvtGen dir
by the command ./configure
which shows:
ls: /lib/libpythia*.a: No such file or directory
ls: /lib/libphotos*.a: No such file or directory
ls: /lib/libpdf*.a: No such file or directory
Any path to be set?

Is there any wiki page where can I get
the instructions which work out of box?
The EvtGen Wiki psge somehow confused me.

Please let me know how to proceed.

best regards,
Dipanwita

Subject: Re: Problem using EvtGen

Posted by [Stefano Spataro](#) on Mon, 26 Jul 2010 14:39:53 GMT

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Hi,
there is a wiki page about it:

<http://panda-wiki.gsi.de/cgi-bin/view/Computing/EvtGen>

Good luck.

Subject: Re: Problem using EvtGen

Posted by [Jens Sören Lange](#) on Mon, 26 Jul 2010 14:49:33 GMT

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Hi Dipanwita,

I think your problem could be that probably you didn't set the CERN library.

export CERN_ROOT=...

(whereever your CERN library is).

However, there is now another (probably easier) way to run EvtGen, namely the PndEvtGenDirect, developed by Björn Spruck (but undocumented yet). I think so far we only have a small tutorial example existing.

<http://panda-wiki.gsi.de/cgi-bin/view/Computing/PandaRootCharmoniumTutorial>

under item (3).

```
PndEvtGenDirect *EvtGen = new PndEvtGenDirect("psi(2S)", "PSI2S.DEC");  
primGen->AddGenerator(EvtGen);
```

is how to use it directly in your simulation macro.

You need a few ASCII files (evt.pdl, DECAY.DEC and your own decay file, e.g. PSI2S.DEC in this case), but it is maybe easier than compiling simpleEvtGen.cc.

cheers, Soeren