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Subject: Charmtask tutorial

Posted by [Klaus Götzen](#) on Thu, 27 Sep 2007 10:32:22 GMT

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Hi!

I tried to run this Charmtask tutorial (I'm working on lxi008.gsi.de) from the wiki, but I failed to run EvtGen, I get this error when trying 'make bin'

Done making libEvtGenModels.a

gmake[1]: Leaving directory

```
`/d/panda02/kgoetzen/fairroot3/pandaroot/pgenerators/EvtGen/EvtGenModels '
```

```
kgoetzen@lxi008:~/work/fairroot3/pandaroot/pgenerators/EvtGen$ make bin
```

```
g++ -L. -L./cern/lib/ -L./misc/cbmsoft/Debian3.1/new/cern/clhep/lib
```

```
-L./misc/cbmsoft/Debian3.1/new/tools/root/lib -o testEvtGen testEvtGen.o -IEvtGen
```

```
-IEvtGenModels -IEvtGenBase -ICLHEP -I -I -lpacklib -lmathlib -I -ICore -ICint -IHist -IGraf
```

```
-IGraf3d -IGpad -ITree -IRint -IPostscript -IMatrix -IPhysics -ldl -lg2c -lnsl -lm
```

```
/usr/bin/ld: cannot find -l
```

```
collect2: ld returned 1 exit status
```

It seems as if there are some variables not set properly... and I really did everything step by step from the tutorial... (I think) For instance macro/run/run\_sim.C works, so the pandaroot installations seems to be ok (although EvtGen shouldn't depend on that, right?)

Any ideas?

Thanks,  
Klaus

PS: It really seems to be some sort of curse - whatever I try with pandaroot, never ever works sth out-of-the-box ...

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Subject: Re: Charmtask tutorial

Posted by [Stefano Spataro](#) on Thu, 27 Sep 2007 10:45:12 GMT

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Hi,

it seems you do not set the CERNLIB, so EVTPYLIB and EVTPDLIB have lo values.

Are you sure you did:

```
export CERN_ROOT=/misc/cbmsoft/Debian3.1/cern/cernlib/2005
```

```
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:$CLHEP_LIB_DIR
```

This should be the only reason that I can see at the moment. I tried at GSU and it works fine for me.

Subject: Re: Charmtask tutorial  
Posted by [Klaus Götzen](#) on Thu, 27 Sep 2007 11:26:21 GMT  
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Hi Stefano!

Yes, this worked. Took me some time to realize, that I had to execute 'configure' again. It's really nasty, that this 'special' version of cernlib is necessary. (Because I believe \$CERN\_ROOT is already set at gsi machines, but to another version...)

Thanks,  
Klaus

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Subject: Re: Charmtask tutorial  
Posted by [asanchez](#) on Thu, 27 Sep 2007 11:29:54 GMT  
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hi you can use also in your bild directory  
cmake ../pandarroot and after that  
. config.sh

alicia.

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