
Subject: runnig tutorials/geane
Posted by [asanchez](#) on Fri, 19 Oct 2007 14:25:01 GMT
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Hi i try to run the geane tutorials
i have add to CMakeList
tutorials/charmtask
tutorials/geane/ex1/plane
tutorials/geane/ex1/GeaneEx

for compilation
but i get these error message

```
[ 97%] Generating charmtaskDict.cxx, charmtaskDict.h
Error: link requested for unknown class vector<double>
/d/panda02/asanchez/fairroot_new/pandaroot/tutorials/charmtask/charmtask LinkDef.h:9:
Warning: Error occurred during reading source files
Warning: Error occurred during dictionary source generation
!!!Removing /d/panda02/asanchez/fairroot_new/build/tutorials/charmtask/charmtaskDict .cxx
/d/panda02/asanchez/fairroot_new/build/tutorials/charmtask/charmtaskDict .h !!!
Error: /misc/cbmsoft/Debian3.1/development/tools/root/bin/rootcint: error loading headers...
make[2]: *** [tutorials/charmtask/charmtaskDict.cxx] Error 1
make[1]: *** [tutorials/charmtask/CMakeFiles/charmtask.dir/all] Error 2
make: *** [all] Error 2
```

and

```
96%] Generating CbmPlaneDict.cxx, CbmPlaneDict.h
Error: cannot open file "CbmGeoPlane.h" :0:
!!!Removing /d/panda02/asanchez/fairroot_new/build/tutorials/geane/ex1/plane/CbmPlaneDict.cxx
/d/panda02/asanchez/fairroot_new/build/tutorials/geane/ex1/plane/CbmPlaneDict.h
!!!
Error: /misc/cbmsoft/Debian3.1/development/tools/root/bin/rootcint: error loading headers...
make[2]: *** [tutorials/geane/ex1/plane/CbmPlaneDict.cxx] Error 1
make[1]: *** [tutorials/geane/ex1/plane/CMakeFiles/Plane.dir/all] Error 2
make: *** [all] Error 2
```

so does any of you how should i add the tutorials directory
in CMakeList in order to be able to run the tutorials macros?

thanks a lot

ALicia

Subject: Re: runnig tutorials/geane
Posted by [Andrea Fontana](#) on Mon, 22 Oct 2007 07:56:03 GMT
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Hello Alicia,

I can help you with the error in the geane tutorial directories.

The tutorial directory, in our case, is meant to collect the tutorial files that have to be copied to the pandaroot top directory to be compiled and run: this has to be done for GeaneEx and for plane, which are new packages.

The directory geometry contains files that must be copied in your pandaroot-geometry directory, while the directory macro can be copied anywhere, I suggest you pandaroot/macro/geane. If you do this, things should compile and run.

Let me know...

Ciao,
Andrea

Subject: Re: runnig tutorials/geane

Posted by [asanchez](#) on Mon, 22 Oct 2007 11:36:27 GMT

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Hi Andrea,

it seems that these classes

CbmGeaneTrT

CbmGeaneTrP

CCbmGeaneTrC

CbmGeaneTrK

which are required in GeaneEx are not in in the framework.

so i hvae them commented in GeaneExDefLink.h.

i try to compile it again.

ALicia.

Subject: Re: runnig tutorials/geane

Posted by [asanchez](#) on Mon, 22 Oct 2007 12:01:36 GMT

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hi Andrea,

finally i managed to compiled the tutorial for geane ex1 by adding two directories plane and GeaneEx to CmakeList in pandaroot.

In GeaneEx/cbmGeanetr.h

I commented Tfile f and Ttree t; which are never called.

In GeaneEx/cbmGeanetr.cxx i included <iostream>

In GeaneExDefLink i commented the lines

CbmGeaneTrT
CbmGeaneTrP
CCbmGeaneTrC
CbmGeaneTrK

and now everything compiles.

best regrads
Alicia.

Subject: Re: runnig tutorials/geane
Posted by [Andrea Fontana](#) on Mon, 22 Oct 2007 13:24:24 GMT
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Hi Alicia,

I am happy in reading this!
The ...TrP and ...TrK are simply other tasks
that we did not show at the tutorial and are not
important.

Let me know how it goes with the track following!

Andrea