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Subject: error in compiling pandaroot

Posted by [Garzia Isabella](#) on Tue, 29 Sep 2009 15:20:58 GMT

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Hi everybody,

today I updated pandaroot/trunk release with svn (the command "svn update" in the directory pandaroot/trunk). When I ran my script for compiling pandaroot, I had this error message:

```
[ 0%] Generating FairDict.cxx, FairDict.h
Error: cannot open file "TVirtualMagField.h"
/home/panda/fairsoft/pandaroot/trunk/base/FairField.h:27:
Error: class,struct,union or type TVirtualMagField not defined
/home/panda/fairsoft/pandaroot/trunk/base/FairField.h:30:
Warning: Error occurred during reading source files
Warning: Error occurred during dictionary source generation
!!!Removing /home/panda/fairsoft/buildPanda/base/FairDict.cxx
/home/panda/fairsoft/buildPanda/base/FairDict.h !!!
Error:/home/panda/fairsoft/tools/root/bin/rootcint: error loading headers...
make[2]: *** [base/FairDict.cxx] Error 1
make[1]: ***[base/CMakeFiles/Base.dir/all] Error 2 make: *** [all] Error 2
```

Somebody have any idea for solving this problem?

Thanks,

Isabella.

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Subject: Re: error in compiling pandaroot

Posted by [Stefano Spataro](#) on Tue, 29 Sep 2009 15:23:25 GMT

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Hi,  
which external packages are you using?

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Subject: Re: error in compiling pandaroot

Posted by [Garzia Isabella](#) on Tue, 29 Sep 2009 15:31:40 GMT

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Hi Stefano,  
I'm using fairsoft\_july08

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Subject: Re: error in compiling pandaroot  
Posted by [Stefano Spataro](#) on Tue, 29 Sep 2009 15:33:49 GMT  
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If I remember well, TVirtualMagField.h is a class of the new external packages, not present in july08.

Maybe you should download and install july09, before continuing.

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Subject: Re: error in compiling pandaroot  
Posted by [Garzia Isabella](#) on Tue, 29 Sep 2009 15:39:01 GMT  
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Ok,  
I try to download and install the new external packages!  
Thanks

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Subject: Re: error in compiling pandaroot  
Posted by [Mohammad Al-Turany](#) on Wed, 30 Sep 2009 10:07:09 GMT  
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Hi,

I just modify the Field and MC application to be backward compatible with the july08 externals packages, if you use an old externals you will only see the warning about the filed in the simulation and all should run as before.

Please test it and let me know.

Mohammad

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Subject: Re: error in compiling pandaroot  
Posted by [Garzia Isabella](#) on Wed, 30 Sep 2009 11:15:43 GMT  
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Hi Mohammad,  
I try to compile pandaroot with the old external package (jul08) and I had this error:

```
Scanning dependencies of target Pid
[ 98%] Building CXX object pid/CMakeFiles/Pid.dir/PidData/PndPidCandidate.o
[ 99%] Building CXX object pid/CMakeFiles/Pid.dir/PidData/PndPidProbability.o
[ 99%] Building CXX object pid/CMakeFiles/Pid.dir/PidCorr/PndPidCorrPar.o
[ 99%] Building CXX object pid/CMakeFiles/Pid.dir/PidCorr/PndPidCorrelator.o
[ 99%] Building CXX object pid/CMakeFiles/Pid.dir/PndPidContFact.o
[ 99%] Building CXX object pid/CMakeFiles/Pid.dir/PidClassifier/PndMvaUtil.o
```

```
[ 99%] Building CXX object pid/CMakeFiles/Pid.dir/PidClassifier/PndMvaDataSet.o
In file included from
/home/panda/fairsoft/pandaroot/trunk/pid/PidClassifier/PndMvaDataSet.cpp :11:
/home/panda/fairsoft/pandaroot/trunk/pid/PidClassifier/PndMvaDataSet.h:2 2:26: error:
TMVA/PDEFoam.h: No such file or directory
make[2]: *** [pid/CMakeFiles/Pid.dir/PidClassifier/PndMvaDataSet.o] Error 1
make[1]: *** [pid/CMakeFiles/Pid.dir/all] Error 2
make: *** [all] Error 2
```

What do you think?

Isabella.

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Subject: Re: error in compiling pandaroot  
Posted by [Mohammad Al-Turany](#) on Wed, 30 Sep 2009 12:38:13 GMT  
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Hi,

The TMVA/PDEFoam.h is a new file (class) in root, it is not available in root 5.20, So I am not sure what to do here somebody from the PID people should take a look to this!

So either you switch the PID package off (if you do not need it!) or you have to go to the new packages.

Maybe Stefano could say something about this?

regards

Mohammad

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Subject: Re: error in compiling pandaroot  
Posted by [StefanoSpataro](#) on Wed, 30 Sep 2009 12:45:24 GMT  
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Hi,

considering that we have the new external packages since almost three months, and that almost everybody is using them, I think the class will remain there.

I would suggest to go to the new external packages.

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