
Subject: Error when compiling CbmTstHybridHitProducer.cxx
Posted by [Klaus Götzen](#) on Thu, 31 May 2007 07:49:21 GMT
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Hi!

Again, after updating via svn, I get after a 'make clean' and the standard procedure this error messages:

```
.  
. .  
./../pandaroot/mvd/tst/CbmTstHybridHitProducer.cxx: In member function `  
  CbmTstHit CbmTstHybridHitProducer::CalcGlobalPoint(std::vector<CbmTstPixel,  
  std::allocator<CbmTstPixel> >):  
./../pandaroot/mvd/tst/CbmTstHybridHitProducer.cxx:383: error: call of  
  overloaded `sqrt(int)' is ambiguous  
/usr/include/bits/mathcalls.h:157: error: candidates are: double sqrt(double)  
/usr/include/c++/3.3/cmath:550: error:          long double  
  std::sqrt(long double)  
/usr/include/c++/3.3/cmath:546: error:          float std::sqrt(float)  
./../pandaroot/mvd/tst/CbmTstHybridHitProducer.cxx:383: error: call of  
  overloaded `sqrt(int)' is ambiguous  
/usr/include/bits/mathcalls.h:157: error: candidates are: double sqrt(double)  
/usr/include/c++/3.3/cmath:550: error:          long double  
  std::sqrt(long double)  
/usr/include/c++/3.3/cmath:546: error:          float std::sqrt(float)  
make[1]: *** [CbmTstHybridHitProducer.lo] Error 1  
make[1]: Leaving directory `/d/panda02/kguetzen/pandasoft/build/mvd'  
make: *** [install-recursive] Error 1
```

Let me again emphasize: We need a stable version in the repository!

Klaus

Subject: Re: Error when compiling CbmTstHybridHitProducer.cxx
Posted by [Stefano Spataro](#) on Thu, 31 May 2007 08:39:17 GMT
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Hi,

I could not reproduce your error here in Gießen, but we had already this kind of problem.

The problem is that what is a "warning" for a compiler, becomes "error" for another compiler. In my case I received neither a warning message, and I can compile the whole pandaroot.

If you substitute at line 383 of the mvd/tst/CbmTstHybridHitProducer.cxx file the "12" with "12.", it should work, waiting for the official fix.

In each case this "error" is quite strange... which compiler version do you have?

Subject: Re: Error when compiling CbmTstHybridHitProducer.cxx
Posted by [Jens Sören Lange](#) on Thu, 31 May 2007 08:43:00 GMT
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Hi Klaus,

yes, you are right and we will have a stable release.

It just doesn't work to have the rule only to check in compiling code.

We discussed this yesterday, and the solution is:
Mohammad and Florian will set up an svn stable release branch. It will take a few days to figure out how to do that in svn. This will always be a snapshot of a revision which a.) compiles and b.) most (hopefully all) the macros will be working. I volunteered to check this for now, but Florian will also try to put the "does it compile" and "are the macros crashing root" tests into cmake for automatic tests.

Just give it a few days, please.

Until then: revision 715 is good.

Soeren

Subject: Re: Error when compiling CbmTstHybridHitProducer.cxx
Posted by [Tobias Stockmanns](#) on Thu, 31 May 2007 08:56:54 GMT
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Hi Klaus,

I am sorry for this problem. But, as Stefano already said, this is only a warning in my compiler. I hope Ralf will fix this problem. I would do it by myself but I cannot upload my code to SVN.

Cheers,

Tobias

Subject: Re: Error when compiling CbmTstHybridHitProducer.cxx
Posted by [Florian Uhlig](#) on Thu, 31 May 2007 15:33:41 GMT
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Hi Soeren

The automatic testing is set up. The problem in the moment is that the machine which hosts the webserver for the dashboard is not seen from outside GSI. This will change hopefully tomorrow.

Ciao

Florian