
Subject: Compilation Bug at GSI cluster

Posted by [Aida Galoyan](#) on Mon, 04 Jun 2007 14:51:30 GMT

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Hi all,

I have given error at compilation of pandaroot at my account in GSI cluster(lxi001.gsi.de).

>>>

```
tst/CbmTstHybridHitProducer.cxx: In member function `CbmTstHit
  CbmTstHybridHitProducer::CalcGlobalPoint(std::vector<CbmTstPixel,
  std::allocator<CbmTstPixel> >)':
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)
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 `/u/galoyan/pandaroot3/pandaroot/mvd'
make: *** [all-recursive] Error 1
```

>>>

Any suggestion?

Thanks, Aida

Subject: Re: Compilation Bug at GSI cluster

Posted by [Stefano Spataro](#) on Mon, 04 Jun 2007 14:58:15 GMT

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Hi,

it was already reported about this semi-bug (semi because it appears not in all the machines, it depends on the compiler).

If you modify line 383 of `tst/CbmTstHybridHitProducer.cxx`, you have to substitute `"sqrt(12)"` with `"sqrt(12.)"` and it will work.

Unfortunately only Tobias can commit code in `tst` directory, and it seems it was not available before.

Try and see if this helps or not. We will try to fix this as soon as possible.

Subject: Re: Compilation Bug at GSI cluster
Posted by [Florian Uhlig](#) on Tue, 05 Jun 2007 06:43:32 GMT
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Hi Stefano

I fixed the problem and commit the changes to SVN.

Ciao

Florian
