Subject: Stt bug in Rev. 880
Posted by Ralf Kliemt on Wed, 13 Jun 2007 14:56:58 GMT
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Hi all,

In the Rev. 880 there seems to be a bug in the stt module:

/home/ralfk/Pandaroot/abuild/../pandaroot/stt/CbmSttMatchTracks.cxx: In member function
'virtual void CbmSttMatchTracks::Exec(const Option_t*)':
/home/ralfk/Pandaroot/abuild/../pandaroot/stt/CbmSttMatchTracks.cxx:137: error: conversion
from 'int' to non-scalar type 'std::_Rb_tree_iterator<std::pair<const int, int> >' requested
make[1]: *** [CbmSttMatchTracks.lo] Error 1

Maybe this is even an issue of different compilers or c++ libraries.

Best wishes, Ralf.

Subject: Re: Stt bug in Rev. 880
Posted by Lia Lavezzi on Thu, 14 Jun 2007 08:19:46 GMT
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Hi Ralf,
    as a first solution you could try simply:
map<Int_t, Int_t>::iterator it = (std::_Rb_tree_iterator<std::pair<const int, int> >) 0;
This should work.

I think it' s really an issue of different compilers, because I don' t see this error while compiling.
I will investigate this and fix it on the svn repository.

                    Best regards,
                         Lia.

Subject: Re: Stt bug in Rev. 880
Posted by StefanoSpataro on Thu, 14 Jun 2007 09:23:32 GMT
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This did not compile enither here in Gießen,
in each case your tip helped.

Subject: Re: Stt bug in Rev. 880

Posted by [Ralf Kliemt](#) on Thu, 14 Jun 2007 16:15:16 GMT

I have noticed that the stt subdirectory doesn't contain a CMakeLists.txt. In that way your new code will be only available by using the automake. (why do we stick with two possibilities anyway?) Maybe you should provide an cmake file. As far as I know the automake will be abandoned at some time.

Ciao, Ralf.

Subject: Re: Stt bug in Rev. 880
Posted by [Lia Lavezzi](#) on Fri, 15 Jun 2007 09:20:34 GMT

Hi Ralf,
   you' re right, I did not think about that (sorry!).

Anyway, I just added the CMakeList.txt file on the svn, but I have a question: I guess I have to add the stt directory also to the general CMakeList.txt, is this correct (I don' t know cmake, so it' s better if I ask first)? If yes, can I modify this file or do I not have the right permissions?
                Ciao,
                   Lia.

Subject: Re: Stt bug in Rev. 880
Posted by [Lia Lavezzi](#) on Fri, 15 Jun 2007 10:24:14 GMT

Hallo,
   I uploaded on the svn a new version of CbmSttMatchTracks.cxx where I moved
map<Int_t, Int_t>::iterator it;
right before the loop where it is used and I cancelled the "= 0" initialization.
I made some tests and it seems to work.
This should fix the bug in the stt code compiling.

                Bye,
                   Lia.