
Subject: stt not compiling

Posted by [Carsten Schwarz](#) on Thu, 13 Sep 2007 10:57:56 GMT

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Hi there,

I cannot compile the stt directory, even after a new installation of the whole pandaroot I get

```
g++ -DPACKAGE_NAME=\"cbmroot\" -DPACKAGE_TARNAME=\"cbmroot\"
-DPACKAGE_VERSION=\"1.0\" -DPACKAGE_STRING=\"cbmroot 1.0\"
-DPACKAGE_BUGREPORT=\"f.uhlig@gsi.de\" -DPACKAGE=\"cbmroot\" -DVERSION=\"1.0\"
-DSTDC_HEADERS=1 -DHAVE_SYS_TYPES_H=1 -DHAVE_SYS_STAT_H=1
-DHAVE_STDLIB_H=1 -DHAVE_STRING_H=1 -DHAVE_MEMORY_H=1
-DHAVE_STRINGS_H=1 -DHAVE_INTTYPES_H=1 -DHAVE_STDINT_H=1
-DHAVE_UNISTD_H=1 -DHAVE_DLFCN_H=1 -I. -I../pandaroot/stt
-I/misc/cbmsoft/Debian3.1/new/tools/root/include -I../pandaroot/geobase
-I../pandaroot/parbase -I../pandaroot/field -I../pandaroot/base -I../pandaroot/mcstack
-I/misc/cbmsoft/Debian3.1/new/transport/geant3/TGeant3 -g -pipe -Wall -Wno-deprecated -MT
CbmSttGeomPoint.lo -MD -MP -MF .deps/CbmSttGeomPoint.Tpo -c
../pandaroot/stt/CbmSttGeomPoint.cxx -fPIC -DPIC -o .libs/CbmSttGeomPoint.o
/misc/cbmsoft/Debian3.1/new/tools/root/bin/rootcint -f CbmSttDict.cxx -c -DHAVE_CONFIG_H
-I/misc/cbmsoft/Debian3.1/new/tools/root/include -I../pandaroot/geobase
-I../pandaroot/parbase -I../pandaroot/field -I../pandaroot/base -I../pandaroot/mcstack
-I/misc/cbmsoft/Debian3.1/new/transport/geant3/TGeant3
../pandaroot/stt/CbmSttMatchTracks.h ../pandaroot/stt/CbmGeoStt.h
../pandaroot/stt/CbmSttPoint.h ../pandaroot/stt/CbmSttTrack.h ../pandaroot/stt/CbmStt.h
../pandaroot/stt/CbmGeoSttPar.h ../pandaroot/stt/CbmSttContFact.h
../pandaroot/stt/CbmSttDigiPar.h ../pandaroot/stt/CbmSttParRootFileIo.h
../pandaroot/stt/CbmSttParAsciiFileIo.h ../pandaroot/stt/CbmSttTrackFinder.h
../pandaroot/stt/CbmSttFindTracks.h ../pandaroot/stt/CbmSttTrackFinderIdeal.h
../pandaroot/stt/CbmSttTrackFitter.h ../pandaroot/stt/CbmSttFitTracks.h
../pandaroot/stt/CbmSttTrackMatch.h ../pandaroot/stt/CbmSttHit.h
../pandaroot/stt/CbmSttHitInfo.h ../pandaroot/stt/CbmSttHitProducerIdeal.h
../pandaroot/stt/TStraw.h ../pandaroot/stt/CbmSttHitProducerReal.h
../pandaroot/stt/CbmSttHelixTrackFitter.h ../pandaroot/stt/CbmSttGeomPoint.h
../pandaroot/stt/SttLinkDef.h
Error: link requested for unknown class CbmSttHitProducerRealFast
../pandaroot/stt/SttLinkDef.h:29:
Error: link requested for unknown class CbmSttHitProducerRealFull
../pandaroot/stt/SttLinkDef.h:30:
Warning: Error occurred during reading source files
Warning: Error occurred during dictionary source generation
!!!Removing CbmSttDict.cxx CbmSttDict.h !!!
Error: /misc/cbmsoft/Debian3.1/new/tools/root/bin/rootcint: error loading headers...
make[1]: *** [CbmSttDict.cxx] Error 1
make[1]: Leaving directory `/misc/carsten/src/panda/build/stt'
make: *** [install-recursive] Error 1
build>
```

Happy for any help
Carsten

Subject: Re: stt not compiling
Posted by [Stefano Spataro](#) on Thu, 13 Sep 2007 11:33:55 GMT
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Hi,
this is strange, considering that it is working since some time and I cannot see recent changes in the code.

Are you using cmake, or the automake procedure (the one with ./reconf)? The cmake is updated, while I fear that the classes are not maintained under automake.

If you are using automake, try to use the cmake procedure, it should work.

Subject: Re: stt not compiling
Posted by [Carsten Schwarz](#) on Thu, 13 Sep 2007 11:46:10 GMT
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Hi there,

obiously this ahppens only if I use then "configure..." approach. With cmake everything compiles fine.

I thank Alicia for her kind help.

Carsten

Subject: Re: stt not compiling
Posted by [Stefano Spataro](#) on Thu, 13 Sep 2007 12:05:43 GMT
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The problem is that while for cmake we can continuously test the compilation via the Dashboard, with configure we cannot.

So now almost all the developers are using cmake and it can happen that something is forgotten with the other approach.
