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Subject: Error while compiling trunk version of cbmroot  
Posted by [Arun Prakash](#) on Mon, 27 Dec 2010 10:01:32 GMT  
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Dear All,

I am facing following error while compiling the trunk version of cbmroot. I am looking in to the problem .any commnets or suggestion in the regard will be useful

```
[ 4%] Building CXX object base/CMakeFiles/Base.dir/FairTimeStamp.o
[ 4%] Building CXX object base/CMakeFiles/Base.dir/FairDict.o
/home/bhu/work/build/base/FairDict.cxx: In function 'int G__FairDict_646_0_3(G__value*,
const char*, G__param*, int)':
/home/bhu/work/build/base/FairDict.cxx:6461: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(TString&, int, bool, bool, Float_t)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6466: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(TString&, int, bool, bool, Float_t)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6474: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(TString&, int, bool, bool)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t, Bool_t, Float_t)
```

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std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6478: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(TString&, int, bool, bool)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6486: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(TString&, int, bool)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6490: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(TString&, int, bool)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6496: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(TString&, int)'
```

/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:  
FairMultiLinkedData::FairMultiLinkedData(Int\_t, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:  
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:  
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>, std::allocator<FairLink> >, Bool\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:  
FairMultiLinkedData::FairMultiLinkedData()  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:  
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)  
/home/bhu/work/build/base/FairDict.cxx:6498: error: no matching function for call to 'FairMultiLinkedData::FairMultiLinkedData(TString&, int)'  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:  
FairMultiLinkedData::FairMultiLinkedData(Int\_t, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:  
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:  
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>, std::allocator<FairLink> >, Bool\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:  
FairMultiLinkedData::FairMultiLinkedData()  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:  
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)  
/home/bhu/work/build/base/FairDict.cxx: In function 'int G\_\_FairDict\_646\_0\_4(G\_\_value\*, const char\*, G\_\_param\*, int)':  
/home/bhu/work/build/base/FairDict.cxx:6520: error: no matching function for call to 'FairMultiLinkedData::FairMultiLinkedData(Int\_t, int, bool, bool, Float\_t)'  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:  
FairMultiLinkedData::FairMultiLinkedData(Int\_t, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:  
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:  
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>, std::allocator<FairLink> >, Bool\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:  
FairMultiLinkedData::FairMultiLinkedData()  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:  
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)  
/home/bhu/work/build/base/FairDict.cxx:6525: error: no matching function for call to 'FairMultiLinkedData::FairMultiLinkedData(Int\_t, int, bool, bool, Float\_t)'  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:  
FairMultiLinkedData::FairMultiLinkedData(Int\_t, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:  
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool\_t,

Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:  
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>, std::allocator<FairLink> >, Bool\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:  
FairMultiLinkedData::FairMultiLinkedData()  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:  
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)  
/home/bhu/work/build/base/FairDict.cxx:6533: error: no matching function for call to 'FairMultiLinkedData::FairMultiLinkedData(Int\_t, int, bool, bool)'  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:  
FairMultiLinkedData::FairMultiLinkedData(Int\_t, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:  
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:  
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>, std::allocator<FairLink> >, Bool\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:  
FairMultiLinkedData::FairMultiLinkedData()  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:  
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)  
/home/bhu/work/build/base/FairDict.cxx:6537: error: no matching function for call to 'FairMultiLinkedData::FairMultiLinkedData(Int\_t, int, bool, bool)'  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:  
FairMultiLinkedData::FairMultiLinkedData(Int\_t, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:  
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:  
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/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:  
FairMultiLinkedData::FairMultiLinkedData()  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:  
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)  
/home/bhu/work/build/base/FairDict.cxx:6545: error: no matching function for call to 'FairMultiLinkedData::FairMultiLinkedData(Int\_t, int, bool)'  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:  
FairMultiLinkedData::FairMultiLinkedData(Int\_t, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:  
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool\_t, Bool\_t, Float\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:  
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>, std::allocator<FairLink> >, Bool\_t)  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:  
FairMultiLinkedData::FairMultiLinkedData()  
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:

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FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&
/home/bhu/work/build/base/FairDict.cxx:6549: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(Int_t, int, bool)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6555: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(Int_t, int)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
/home/bhu/work/build/base/FairDict.cxx:6557: error: no matching function for call to
'FairMultiLinkedData::FairMultiLinkedData(Int_t, int)'
/home/bhu/work/trunk/base/FairMultiLinkedData.h:22: note: candidates are:
FairMultiLinkedData::FairMultiLinkedData(Int_t, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:21: note:
FairMultiLinkedData::FairMultiLinkedData(TString, std::vector<int, std::allocator<int> >, Bool_t,
Bool_t, Float_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:20: note:
FairMultiLinkedData::FairMultiLinkedData(std::set<FairLink, std::less<FairLink>,
std::allocator<FairLink> >, Bool_t)
/home/bhu/work/trunk/base/FairMultiLinkedData.h:19: note:
FairMultiLinkedData::FairMultiLinkedData()
/home/bhu/work/trunk/base/FairMultiLinkedData.h:17: note:
FairMultiLinkedData::FairMultiLinkedData(const FairMultiLinkedData&)
make[2]: *** [base/CMakeFiles/Base.dir/FairDict.o] Error 1
make[1]: *** [base/CMakeFiles/Base.dir/all] Error 2
make: *** [all] Error 2
```

Best Regards  
Arun Prakash

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Subject: Re: Error while compiling trunk version of cbmroot  
Posted by [Florian Uhlig](#) on Mon, 27 Dec 2010 16:29:55 GMT  
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Hi Arun

Did you use a clean build directory? If not please try again with a newly created build directory.

Ciao

Florian

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Subject: Re: Error while compiling trunk version of cbmroot  
Posted by [Arun Prakash](#) on Thu, 30 Dec 2010 08:03:28 GMT  
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Dear Florian,

Thanks for your suggestion. I could solve the problem. Infact I was using external package (fairsoft jul09) . But when i installed jan 10 and then compiled the trunk version of cbmroot then i didnt get any error except for the shadowing.

Best regards  
Arun Prakash

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Subject: Re: Error while compiling trunk version of cbmroot  
Posted by [Arun Prakash](#) on Thu, 30 Dec 2010 11:38:16 GMT  
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Dear Florian ,

I have again downloaded the trunk version of cbmroot. I am using fairsoft jan 10 . But when i try to compile the trunk version in another machine I get the following error.

```
[localhost] /home/sub/arun/build > make  
[ 4%] Built target Base  
[ 8%] Built target GeoBase  
[ 10%] Built target ParBase  
[ 14%] Built target CbmBase  
[ 21%] Built target CbmData  
[ 23%] Built target Field  
[ 24%] Built target Gen  
[ 26%] Built target Passive  
[ 31%] Built target Rich  
[ 33%] Built target Mvd  
[ 37%] Built target Sts  
[ 38%] Built target Tof  
[ 42%] Built target Trd  
[ 50%] Built target Ecal
```

```
[ 51%] Built target Zdc
[ 55%] Built target Much
[ 63%] Built target Littrack
[ 85%] Built target HTrack
[ 86%] Built target Global
[ 89%] Built target KF
[ 90%] Building CXX object L1/CMakeFiles/L1.dir/CbmL1CATrdTrackFinderSA.o
cc1plus: error: unrecognized command line option "-Wstrict-null-sentinel"
make[2]: *** [L1/CMakeFiles/L1.dir/CbmL1CATrdTrackFinderSA.o] Error 1
make[1]: *** [L1/CMakeFiles/L1.dir/all] Error 2
make: *** [all] Error 2
```

Can you suggest as waht should i do next to erradicate this problem .

Best Regards  
Arun Prakash

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