
Subject: Fatal in <CbmStack::CbmStack::UpdateTrackIndex>
Posted by [Annalisa Cecchi](#) on Tue, 02 Oct 2007 08:23:45 GMT
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Hi everybody,
I'm running a simulation in PandaRoot, but I get the error below.
Does someone have an idea on what is happening?

Thanks in advance,

Annalisa

```
-E- CbmStack: Particle index -1078698388 not found in dex map!  
Fatal in <CbmStack::CbmStack::UpdateTrackIndex>: Particle index not found in map  
aborting  
(no debugging symbols found)  
Using host libthread_db library "/lib/libthread_db.so.1".  
Attaching to program: /proc/25865/exe, process 25865  
'shared object read from target memory' has disappeared; keeping its symbols.  
(no debugging symbols found)...done.  
(no debugging symbols found)...done.  
(no debugging symbols found)...done.  
[Thread debugging using libthread_db enabled]  
[New Thread -1208580416 (LWP 25865)]  
(no debugging symbols found)...done.  
(no debugging symbols found)...done.  
(no debugging symbols found)...done.  
(no debugging symbols found)...done.  
(no debugging symbols found)...done.  
(no debugging symbols found)...done.  
0x009ce402 in __kernel_vsyscall ()  
#1 0x016ef0b3 in __waitpid_nocancel () from /lib/libc.so.6  
#2 0x01697da7 in do_system () from /lib/libc.so.6  
#3 0x009743d5 in system () from /lib/libpthread.so.0  
#4 0x003a1eeb in TUnixSystem::Exec () from  
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCore.so.5.14  
#5 0x003a9b8a in TUnixSystem::StackTrace () from  
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCore.so.5.14  
#6 0x0026438c in DefaultErrorHandler () from  
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCore.so.5.14  
#7 0x00263c23 in ErrorHandler () from  
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCore.so.5.14  
#8 0x00293c97 in TObject::DoError () from  
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCore.so.5.14  
#9 0x00293dde in TObject::Fatal () from  
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCore.so.5.14  
#10 0x05c10642 in CbmStack::UpdateTrackIndex (this=0xa63d1d8, detList=0xa514490) at  
../pandaroot/mcstack/CbmStack.cxx:257  
#11 0x01da5609 in CbmMCApplication::FinishEvent (this=0xa5143a0) at
```

```
../pandaroot/base/CbmMCApplication.cxx:475
#12 0xb696926b in TGeant3::ProcessRun (this=0xa634100, nevent=1) at
TGeant3/TGeant3.cxx:5886
#13 0x01da4ef1 in CbmMCApplication::RunMC (this=0xa5143a0, nofEvents=1) at
../pandaroot/base/CbmMCApplication.cxx:240
#14 0x01db87c3 in CbmRunSim::Run (this=0xa3db138, NStart=1, NStop=0) at
../pandaroot/base/CbmRunSim.cxx:141
#15 0x01ddd07b in G__CbmDict_661_0_7 (result7=0xbfb542ac, funcname=0xa408808 "\001",
libp=0xbfb50808, hash=0) at CbmDict.cxx:9513
#16 0x00c3c98b in Cint::G__ExceptionWrapper () from
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCint.so.5.14
#17 0x00ce5b94 in G__call_cppfunc () from
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCint.so.5.14
#18 0x00cd08e3 in G__interpret_func () from
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCint.so.5.14
#19 0x00cc6359 in G__getfunction () from
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCint.so.5.14
#20 0x00d508d1 in G__getstructmem () from
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCint.so.5.14
#21 0x00d4893b in G__getvariable () from
/home/cecchi/fairRoot/cbmsoft/tools/root/lib/libCint.so.5.14
```

Subject: Re: Fatal in <CbmStack::CbmStack::UpdateTrackIndex>

Posted by [asanchez](#) on Tue, 02 Oct 2007 08:53:14 GMT

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Hi Annalysa,
I had actually problem
try to see
what does the ResetParameters() in your ProcessHits do?

This function should put to zero your members functions, i can be that the default value is not zero.

In your CbmDrc.h
there is this initialization
try to put all the values to zero.

```
inline void CbmDrc::ResetParameters() {
    fTrackID = -999;
    fCopyNo = -999;
    fPos.SetXYZT(-999., -999., -999., -999.);
    fMom.SetXYZT(-999., -999., -999., -999.) ;
    fTime = -999;
    fLength = -999;
    fELoss = -999;
    fmass = -999;
    fflag = -999;
    fEventID = -999;
}
```
