
Subject: Re: Microcandidates writing fails for large simulation file

Posted by [Stefano Spataro](#) on Mon, 08 Jun 2009 13:37:54 GMT

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This is the error I got,
because the MVD trackID does not correspond to the effective MCTrack ID, and then it
crashes.

Toggle Spoiler

```
-l FairRootManager: switching to chained file: points_tpccombi_1.root
   connected friends: digi_tpccombi.root
```

```
*** Event # 1548
```

```
===== PndLheHitsMaker =====
Total number of hits for tracking: 133
Total number of tracks in TPC: 6
   Good tracks in TPC: 6
Working with 133 hits
found 4 tracks
finder : Real Time = 639.05 seconds Cpu Time = 475.92 seconds
===== PndTpcLheTrackFitter =====
Number of tracks for fitting 4
===== PndLhePidMaker: Number of tracks for pid 4
```

```
*** Event # 1549
```

```
===== PndLheHitsMaker =====
Total number of hits for tracking: 197
Total number of tracks in TPC: 2
   Good tracks in TPC: 2
Working with 197 hits
found 4 tracks
finder : Real Time = 639.37 seconds Cpu Time = 476.10 seconds
===== PndTpcLheTrackFitter =====
Number of tracks for fitting 4
===== PndLhePidMaker: Number of tracks for pid 4
```

```
*** Event # 1550
```

```
===== PndLheHitsMaker =====

*** Break *** segmentation violation
(no debugging symbols found)
Using host libthread_db library "/lib/tls/libthread_db.so.1".
Attaching to program: /proc/16332/exe, process 16332
(no debugging symbols found)...done.
[Thread debugging using libthread_db enabled]
[New Thread -1208371520 (LWP 16332)]
(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.
0x00ac17a2 in _dl_sysinfo_int80 ()
  from /lib/ld-linux.so.2
#1 0x003f94b3 in __waitpid_nocancel () from /lib/tls/libc.so.6
#2 0x003a2779 in do_system () from /lib/tls/libc.so.6
#3 0x0036798d in system () from /lib/tls/libpthread.so.0
#4 0x0067546f in TUnixSystem::Exec () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#5 0x0067aef9 in TUnixSystem::StackTrace () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#6 0x00677b3e in TUnixSystem::DispatchSignals () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#7 0x00677bcc in SigHandler () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#8 0x00676e11 in sighandler () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#9 <signal handler called>
#10 0x05bc1a2a in FairMCPPoint::GetTrackID (this=0x0) at
/data00/spataro/july08/pandaroot/base/FairMCPPoint.h:50
#11 0x037757aa in PndLheHitsMaker::GetMvdHits (this=0xb9314a8) at
/data00/spataro/july08/pandaroot/lhetrack/PndLheHitsMaker.cxx:419
#12 0x03777931 in PndLheHitsMaker::Exec (this=0xb9314a8, option=0x5bc7cc8 "") at
/data00/spataro/july08/pandaroot/lhetrack/PndLheHitsMaker.cxx:782
#13 0x0060f1ed in TTask::ExecuteTasks () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#14 0x0060efe9 in TTask::ExecuteTask () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#15 0x05b6c0c2 in FairRunAna::Run (this=0x8f0d220, Ev_start=0, Ev_end=2000) at
/data00/spataro/july08/pandaroot/base/FairRunAna.cxx:248
#16 0x05ba3b04 in G__FairDict_532_0_5 (result7=0xbfe2d1d0, funcname=0x8f0b288 "\001",
libp=0xbfe27380, hash=0) at /data00/spataro/july08/cbuild/base/FairDict.cxx:9067
#17 0x00b152e7 in Cint::G__ExceptionWrapper () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#18 0x00ba9497 in G__execute_call () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#19 0x00ba96fa in G__call_cppfunc () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#20 0x00b8af67 in G__interpret_func () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#21 0x00b79b28 in G__getfunction () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#22 0x00c5b055 in G__getstructmem () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#23 0x00c52b3f in G__getvariable () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#24 0x00b5db2a in G__getitem () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#25 0x00b60abf in G__getexpr () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20

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#26 0x00bd54ac in G__exec_statement () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#27 0x00b4bc6c in G__exec_tempfile_core () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#28 0x00b4cfc3 in G__exec_tempfile () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#29 0x00be97a1 in G__process_cmd () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCint.so.5.20
#30 0x006648d3 in TCint::ProcessLine () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#31 0x00664a54 in TCint::ProcessLineSynch () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#32 0x005ab5f3 in TApplication::ExecuteFile () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#33 0x005ab916 in TApplication::ProcessFile () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#34 0x005a993e in TApplication::ProcessLine () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libCore.so.5.20
#35 0x00238b39 in TRint::Run () from
/data00/spataro/july08/tools/root_v5.20.00/lib/libRint.so.5.20
