
Subject: Re: Mvd code update

Posted by [Jens Sören Lange](#) on Thu, 20 May 2010 10:19:45 GMT

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Hi Ralf, we can confirm problems after the changes, i.e. segmentation violation when running macro/pid/run_reco_tpccombi.C. cheers, Soeren

*** Event # 1

```
===== PndLheHitsMaker =====
Total number of hits for tracking: 338
Total number of tracks in TPC: 4
    Good tracks in TPC: 4
Working with 338 hits
found 4 tracks
finder : Real Time = 0.01 seconds Cpu Time = 0.01 seconds
===== PndLheTrackFitter =====
Number of tracks for fitting 4
```

*** Break *** segmentation violation

```
=====
There was a crash (kSigSegmentationViolation).
```

This is the entire stack trace of all threads:

```
=====
#0 0x0000003499a99d75 in waitpid () from /lib64/libc.so.6
#1 0x0000003499a3c331 in do_system () from /lib64/libc.so.6
#2 0x00002ba40b3d0aa1 in TUnixSystem::Exec (this=0x14a58000,
    shellcmd=0x1ca88b58 "/home/panda/fairsoft/jan10/tools/root/etc/gdb-backtrace.sh 13842
1>&2")
    at core/unix/src/TUnixSystem.cxx:1978
#3 0x00002ba40b3cfe23 in TUnixSystem::StackTrace (this=0x14a58000)
    at core/unix/src/TUnixSystem.cxx:2188
#4 0x00002ba40b3d2e5d in TUnixSystem::DispatchSignals (this=0x14a58000,
    sig=kSigSegmentationViolation) at core/unix/src/TUnixSystem.cxx:1106
#5 0x00002ba40b3d2f81 in SigHandler (sig=kSigSegmentationViolation)
    at core/unix/src/TUnixSystem.cxx:350
#6 0x00002ba40b3c9123 in sighandler (sig=11) at core/unix/src/TUnixSystem.cxx:3428
#7 <signal handler called>
#8 0x00002ba40b2d1b50 in TRefCnt::AddReference (this=0xfffffffffffffea) at
include/TRefCnt.h:42
#9 0x00002ba40b2d1ba3 in TString::TString (this=0x7fff4707f5f0, s=...) at
include/TString.h:226
#10 0x00002ba4140b1040 in PndMvdHit::GetDetName (this=0x1ca1ad10)
    at /home/soeren/panda/pandaroot/trunk/pnddata/MvdData/PndMvdHit.h:79
#11 0x00002ba41bb03937 in PndMvdRecoHit::PndMvdRecoHit (this=0x1ca88860,
hit=0x1ca1ad10)
    at /home/soeren/panda/pandaroot/trunk/GenfitTools/recohits/PndMvdRecoHit.cxx:81
#12 0x00002ba417dda5f9 in GFRecoHitProducer<PndMvdHit, PndMvdRecoHit>::produce
(this=0x16929510,
    index=0) at /home/soeren/panda/pandaroot/trunk/genfit/GFRecoHitProducer.h:130
```

#13 0x00002ba415568853 in GFRecoHitFactory::createOne (this=0x15591810, detID=8, index=0)
at /home/soeren/panda/pandaroot/trunk/genfit/GFRecoHitFactory.cxx:56
#14 0x00002ba415568b48 in GFRecoHitFactory::createMany (this=0x15591810, cand=...)
at /home/soeren/panda/pandaroot/trunk/genfit/GFRecoHitFactory.cxx:77
#15 0x00002ba41bd3f0e5 in PndRecoKalmanFit::Fit (this=0x15bf51f0, tBefore=0x1ca89c50, PDG=13)
at /home/soeren/panda/pandaroot/trunk/GenfitTools/recotasks/PndRecoKalmanFit.cxx:218
#16 0x00002ba41bd4512c in PndRecoKalmanTask::Exec (this=0x15bf11b0, opt=0x2ba4134e35b0 "")
at /home/soeren/panda/pandaroot/trunk/GenfitTools/recotasks/PndRecoKalmanTask.cxx:119
#17 0x00002ba40b336f3f in TTask::ExecuteTasks (this=0x14ad1990, option=0x2ba4134e35b0 "")
at core/base/src/TTask.cxx:312
#18 0x00002ba40b3371ce in TTask::ExecuteTask (this=0x14ad1990, option=0x2ba4134e35b0 "")
at core/base/src/TTask.cxx:275
