
Subject: Re: Reconstruction macro crash
Posted by [Elisa Fioravanti](#) on Fri, 20 May 2011 14:07:44 GMT
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Hello Lia,

I simulated again 1000 events, and I have the same crash at the same event number.
The following is the error.

Thanks
Elisa

Found Tracks: 0 in event no. 2

```
-----  
PROBLEM HAS NO FEASIBLE SOLUTION  
===== EVENT 2  
stt + mvd track array 5  
gem hits 8  
***** PndSttMvdGemTracking::Reset *****  
not assig 8 8  
npositions/nhits 6 8  
hit 0 @ 13.61 -26.95 116.4 1 1  
11 0 0  
hit 1 @ -4.861 21.76 116.4 1 1  
11 1 0  
hit 2 @ 12.97 -27.11 117.6 1 2  
12 0 1  
hit 3 @ -5.010 22.05 117.6 1 2  
12 1 1  
hit 4 @ -6.395 30.94 152.4 2 1  
21 0 2  
hit 5 @ -6.510 31.25 153.6 2 2  
22 0 3  
hit 6 @ -7.312 40.21 188.4 3 1  
31 0 4  
hit 7 @ -7.490 40.51 189.6 3 2  
32 0 5  
pos 0 1  
pos 1 1  
pos 2 1  
pos 3 1  
pos 4 1  
pos 5 1  
PRIMA iHit 7 detId 16(36)  
PRIMA iHit 8 detId 16(36)  
PRIMA iHit 9 detId 16(36)  
PRIMA iHit 10 detId 16(36)  
PRIMA iHit 11 detId 16(36)  
PRIMA iHit 12 detId 16(36)  
PRIMA iHit 13 detId 16(36)  
PRIMA iHit 14 detId 16(36)
```

PRIMA iHit 15 detId 16(36)
PRIMA iHit 16 detId 16(36)
PRIMA iHit 17 detId 16(36)
PRIMA iHit 18 detId 16(36)
PRIMA iHit 19 detId 16(36)
PRIMA iHit 20 detId 16(36)
PRIMA iHit 21 detId 16(36)
PRIMA iHit 22 detId 16(36)
PRIMA iHit 23 detId 16(36)
PRIMA iHit 24 detId 16(36)
PRIMA iHit 25 detId 16(36)
PRIMA iHit 26 detId 16(36)
PRIMA iHit 27 detId 16(36)
PRIMA iHit 28 detId 16(36)
PRIMA iHit 29 detId 16(36)
PRIMA iHit 30 detId 16(36)
PRIMA iHit 31 detId 16(36)
PRIMA iHit 32 detId 16(36)

start from

TVector3 A 3D physics vector (x,y,z)=(39.336944,-5.623349,30.272836)

(rho,theta,phi)=(49.954598,52.698661,-8.135506)

lastpar error 0.02000 0.02000 1.000

OUT OF SENSOR 107.4 -89.38 45.00

CANNOT PROPAGATE

PRIMA iHit 34 detId 16(36)
PRIMA iHit 35 detId 16(36)
PRIMA iHit 36 detId 16(36)
PRIMA iHit 37 detId 16(36)
PRIMA iHit 38 detId 16(36)
PRIMA iHit 39 detId 16(36)
PRIMA iHit 40 detId 16(36)
PRIMA iHit 41 detId 16(36)
PRIMA iHit 42 detId 16(36)
PRIMA iHit 43 detId 16(36)
PRIMA iHit 44 detId 16(36)

start from

TVector3 A 3D physics vector (x,y,z)=(7.658246,39.033931,42.024698)

(rho,theta,phi)=(57.865117,43.426841,78.899868)

lastpar error 0.02000 0.02000 1.000

OUT OF SENSOR 71.88 54.15 45.00

CANNOT PROPAGATE

PRIMA iHit 78 detId 16(36)
PRIMA iHit 79 detId 16(36)
PRIMA iHit 80 detId 16(36)
PRIMA iHit 81 detId 16(36)
PRIMA iHit 82 detId 16(36)
PRIMA iHit 83 detId 16(36)
PRIMA iHit 84 detId 16(36)
PRIMA iHit 85 detId 16(36)
PRIMA iHit 86 detId 16(36)
PRIMA iHit 87 detId 16(36)
PRIMA iHit 88 detId 16(36)

PRIMA iHit 89 detId 16(36)
PRIMA iHit 90 detId 16(36)
PRIMA iHit 91 detId 16(36)
start from
TVector3 A 3D physics vector (x,y,z)=(-3.239047,32.930172,25.146751)
(rho,theta,phi)=(41.560158,52.766214,95.617604)
lastpar error 0.02000 0.02000 1.000
OUT OF SENSOR 36.03 144.1 45.00
CANNOT PROPAGATE
PRIMA iHit 45 detId 16(36)
PRIMA iHit 49 detId 16(36)
PRIMA iHit 50 detId 16(36)
PRIMA iHit 51 detId 16(36)
PRIMA iHit 52 detId 16(36)
PRIMA iHit 53 detId 16(36)
PRIMA iHit 54 detId 16(36)
PRIMA iHit 55 detId 16(36)
PRIMA iHit 56 detId 16(36)
PRIMA iHit 57 detId 16(36)
PRIMA iHit 58 detId 16(36)
PRIMA iHit 59 detId 16(36)
PRIMA iHit 60 detId 16(36)
PRIMA iHit 60 detId 16(36)
PRIMA iHit 61 detId 16(36)
PRIMA iHit 61 detId 16(36)
PRIMA iHit 63 detId 16(36)
PRIMA iHit 62 detId 16(36)
PRIMA iHit 64 detId 16(36)
PRIMA iHit 73 detId 16(36)
PRIMA iHit 73 detId 16(36)
PRIMA iHit 71 detId 16(36)
PRIMA iHit 71 detId 16(36)
PRIMA iHit 70 detId 16(36)
PRIMA iHit 70 detId 16(36)
PRIMA iHit 69 detId 16(36)
PRIMA iHit 69 detId 16(36)
PRIMA iHit 68 detId 16(36)
PRIMA iHit 68 detId 16(36)
TOO LOW MOMENTUM 3
TVector3 A 3D physics vector (x,y,z)=(14.075058,-26.674008,-4.163533)
(rho,theta,phi)=(30.445771,97.859966,-62.180759)
TVector3 A 3D physics vector (x,y,z)=(-0.085107,-0.032588,0.000000)
(rho,theta,phi)=(0.091133,90.000000,-159.047625)
start from
TVector3 A 3D physics vector (x,y,z)=(14.075058,-26.674008,-4.163533)
(rho,theta,phi)=(30.445771,97.859966,-62.180759)
lastpar error 0.02000 0.02000 1.000
propagation from
TVector3 A 3D physics vector (x,y,z)=(14.075058,-26.674008,-4.163533)
(rho,theta,phi)=(30.445771,97.859966,-62.180759)

*** Break *** floating point exception

Generating stack trace...

0xb11746c7 in ertrch_ + 0xd93 from
/home/fioravanti/fairsoft/transport/geant3/lib/tgt_linux/libgeant321.so
0xb11764a5 in ertrgo_ + 0xf29 from
/home/fioravanti/fairsoft/transport/geant3/lib/tgt_linux/libgeant321.so
0xb11738b9 in ertrak_ + 0xc15 from
/home/fioravanti/fairsoft/transport/geant3/lib/tgt_linux/libgeant321.so
0xb1255450 in TGeant3::Ertrak(float const*, float const*, float const*, float const*, int, char const*) + 0x62 from /home/fioravanti/fairsoft/transport/geant3/lib/tgt_linux/libgeant321.so
0x061e808a in FairGeanePro::Propagate(int) at
/home/fioravanti/fairsoft/pandaroot/geane/FairGeanePro.cxx:327 from
/home/fioravanti/fairsoft/buildPanda/lib/libGeane.so
0x061e8c71 in FairGeanePro::Propagate(FairTrackParP*, FairTrackParP*, int) at
/home/fioravanti/fairsoft/pandaroot/geane/FairGeanePro.cxx:275 from
/home/fioravanti/fairsoft/buildPanda/lib/libGeane.so
0x04d9681e in PndSttMvdGemTracking::PropagateToGemPlane(FairTrackParP*, FairTrackParP*, int) at
/home/fioravanti/fairsoft/pandaroot/sttmvdtracking/PndSttMvdGemTracking.cxx:949 from
/home/fioravanti/fairsoft/buildPanda/lib/libSttMvdTracking.so
0x04d9ce91 in PndSttMvdGemTracking::Exec(char const*) at
/home/fioravanti/fairsoft/pandaroot/sttmvdtracking/PndSttMvdGemTracking.cxx:601 from
/home/fioravanti/fairsoft/buildPanda/lib/libSttMvdTracking.so
0x0031e9e8 in TTask::ExecuteTasks(char const*) + 0x108 from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x0031e3d9 in TTask::ExecuteTask(char const*) + 0x159 from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x01ef3386 in FairRunAna::Run(int, int) at
/home/fioravanti/fairsoft/pandaroot/base/FairRunAna.cxx:273 from
/home/fioravanti/fairsoft/buildPanda/lib/libBase.so
0x01f51f88 in <unknown> from /home/fioravanti/fairsoft/buildPanda/lib/libBase.so
0x00bd3d7a in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*, G__param*, int), G__value*, char*, G__param*, int) + 0x6a from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c8e786 in G__execute_call + 0x56 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c92d3d in G__call_cppfunc + 0x26d from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c65628 in G__interpret_func + 0x1458 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c52cf8 in G__getfunction at func.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00d5391c in G__getstructmem(int, G__FastAllocString&, char*, int, char*, int*, G__var_array*, int) + 0x5fc from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00d49708 in G__getvariable at var.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c26f41 in G__getitem at expr.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c309a9 in G__getexpr at expr.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00cc438f in G__exec_statement at parse.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00c1178b in <unknown> from /home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29

0x00c11ac6 in G__exec_tempfile + 0x16 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x00cd5c26 in G__process_cmd at pause.cxx:0 from
/home/fioravanti/fairsoft/tools/root/lib/libCint.so.5.29
0x0035b6d3 in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) + 0x3c3 from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x0035b2ef in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*) + 0x9f from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x002a46c2 in TApplication::ExecuteFile(char const*, int*, bool) + 0x752 from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x002a4c5c in TApplication::ProcessFile(char const*, int*, bool) + 0x2c from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x002a15eb in TApplication::ProcessLine(char const*, bool, int*) + 0x86b from
/home/fioravanti/fairsoft/tools/root/lib/libCore.so.5.29
0x0011d8c4 in TRint::Run(bool) + 0x2e4 from
/home/fioravanti/fairsoft/tools/root/lib/libRint.so.5.29
0x08048d93 in main + 0x83 from /home/fioravanti/fairsoft/tools/root/bin/root.exe
0x05c34e9c in __libc_start_main + 0xdc from /lib/libc.so.6
0x08048bf1 in __gxx_personality_v0 + 0x65 from
/home/fioravanti/fairsoft/tools/root/bin/root.exe
Root >
