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Subject: Re: Crash in genfit/geane

Posted by [StefanoSpataro](#) on Fri, 28 Aug 2009 17:25:57 GMT

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This is the output:

Program received signal SIGFPE, Arithmetic exception.

[Switching to Thread -1208949056 (LWP 25287)]

0xb513165b in xmm55\_ () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

(gdb) where

#0 0xb513165b in xmm55\_ () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

#1 0xb51a8286 in trprfn\_ () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

#2 0xb51a34b5 in erprop\_ () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

#3 0xb51a5026 in ertrch\_ () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

#4 0xb51a5b81 in ertrgo\_ () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

#5 0xb51a4137 in ertrak\_ () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

#6 0xb52340c3 in TGeant3::Ertrak () from

/home/stefano/july09/transport/geant3/lib/tgt\_linux/libgeant321.so

#7 0x028615c2 in FairGeanePro::Propagate (this=0xcb1d860, PDG=13) at

/home/stefano/july09/pandaroot/geane/FairGeanePro.cxx:276

#8 0x02860e47 in FairGeanePro::Propagate (this=0xcb1d860, TStart=0xbfeb4d30, TEnd=0xbfeb53e0, PDG=13)

at /home/stefano/july09/pandaroot/geane/FairGeanePro.cxx:227

#9 0x062b5d87 in GeaneTrackRep::extrapolate (this=0xf6c1670, pl=@0xbfeb62a0, statePred=@0xbfeb6420, covPred=@0xbfeb6320)

at /home/stefano/july09/pandaroot/trackrep/GeaneTrackRep.cxx:167

#10 0x0245953e in Kalman::processHit (this=0xbfeb78b0, tr=0xf7071a0, ihit=0, irep=0, rejectOutlier=false)

at /home/stefano/july09/pandaroot/genfit/Kalman.cxx:248

#11 0x024586b4 in Kalman::fittingPass (this=0xbfeb78b0, trk=0xf7071a0, direction=1) at /home/stefano/july09/pandaroot/genfit/Kalman.cxx:140

#12 0x02457e57 in Kalman::processTrack (this=0xbfeb78b0, trk=0xf7071a0) at

/home/stefano/july09/pandaroot/genfit/Kalman.cxx:38

#13 0x037ee792 in PndLheKalmanTask::Exec (this=0xc15a8c8, opt=0x20f80a8 "") at

/home/stefano/july09/pandaroot/lhetrack/PndLheKalmanTask.cxx:245

#14 0x008f8b25 in TTask::ExecuteTasks () from

/home/stefano/july09/tools/root/lib/libCore.so.5.24

#15 0x008f8921 in TTask::ExecuteTask () from

/home/stefano/july09/tools/root/lib/libCore.so.5.24

#16 0x0209a596 in FairRunAna::Run (this=0x94143f8, Ev\_start=0, Ev\_end=400) at

/home/stefano/july09/pandaroot/base/FairRunAna.cxx:248

#17 0x020d1fbc in G\_\_FairDict\_592\_0\_5 (result7=0xbfec5b00, funcname=0x9411948 "\001", libp=0xbfeba4b0, hash=0)

at /home/stefano/july09/cbuild/base/FairDict.cxx:9025

#18 0x00e42d4b in Cint::G\_\_ExceptionWrapper () from

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/home/stefano/july09/tools/root/lib/libCint.so.5.24
#19 0x00ed7be4 in G__execute_call () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#20 0x00ed7ef6 in G__call_cppfunc () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#21 0x00eb8bbf in G__interpret_func () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#22 0x00ea74f4 in G__getfunction () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#23 0x00f8b865 in G__getstructmem () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#24 0x00f8335b in G__getvariable () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#25 0x00e8b4e2 in G__getitem () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#26 0x00e8e477 in G__getexpr () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#27 0x00f075dc in G__exec_statement () from
/home/stefano/july09/tools/root/lib/libCint.so.5.24
#28 0x00e79668 in G__exec_tempfile_core () from
/home/stefano/july09/tools/root/lib/libCint.so.5.24
#29 0x00e7a99f in G__exec_tempfile () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#30 0x00f188ea in G__process_cmd () from /home/stefano/july09/tools/root/lib/libCint.so.5.24
#31 0x009594b3 in TCint::ProcessLine () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#32 0x00959634 in TCint::ProcessLineSynch () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#33 0x0088ecdb in TApplication::ExecuteFile () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#34 0x0088f06b in TApplication::ProcessFile () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#35 0x0088ced3 in TApplication::ProcessLine () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#36 0x002c16cf in TRint::HandleTermInput () from
/home/stefano/july09/tools/root/lib/libRint.so.5.24
#37 0x002bfba0 in TTermInputHandler::Notify () from
/home/stefano/july09/tools/root/lib/libRint.so.5.24
#38 0x002c1fee in TTermInputHandler::ReadNotify () from
/home/stefano/july09/tools/root/lib/libRint.so.5.24
#39 0x00969e42 in TUnixSystem::CheckDescriptors () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#40 0x0096e028 in TUnixSystem::DispatchOneEvent () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#41 0x008e97c0 in TSystem::InnerLoop () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#42 0x008e9587 in TSystem::Run () from /home/stefano/july09/tools/root/lib/libCore.so.5.24
#43 0x0088d162 in TApplication::Run () from
/home/stefano/july09/tools/root/lib/libCore.so.5.24
#44 0x002c0486 in TRint::Run () from /home/stefano/july09/tools/root/lib/libRint.so.5.24
---Type <return> to continue, or q <return> to quit---
#45 0x08048d5a in main ()
(gdb) fr xmm55
No symbol "xmm55" in current context.
(gdb) fr xmm55_
#0 0x00000000 in ?? ()
(gdb)
```