Subject: Secondary track finder
Posted by Jennifer Pütz on Wed, 23 Nov 2016 10:39:00 GMT
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Dear all,

I would like to run a reconstruction with the secondary track finder. I simulated 1000 events for

I run the reconstruction with the attached reco_secondary_trackfinder.C macro. But the macro breaks at some point
*** PndGenfitAdapters::GenfitTrack2PndTrack could not convert GenfitTrack to PndTrack
*** PndGenfitAdapters::GenfitTrack2PndTrack could not convert GenfitTrack to PndTrack
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*** Break *** segmentation violation

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There was a crash.
This is the entire stack trace of all threads:
==========
#0 0x00007efc0aa5999c in waitpid () from /lib64/libc.so.6
#1 0x00007efc0a9e414b in do_system () from /lib64/libc.so.6
#2 0x00007efc0c60e6e9 in TUnixSystem::StackTrace() () from
/private/puetz/fairsoft_novp15/build/lib/root/libCore.so.5
#3 0x00007efc0c61030c in TUnixSystem::DispatchSignals(ESignals) () from
/private/puetz/fairsoft_novp15/build/lib/root/libCore.so.5
#4 <signal handler called>
#5 0x00007efc01464495 in TInstrumentedIsAProxy<FairMultiLinkedData>::operator()
(this=0x274b9e0, obj=0x500000019) at
/private/puetz/fairsoft_novp15/build/include/root/TIsAProxy.h:83
#6 0x00007efc0c5da799 in TClass::GetActualClass(void const*) const () from
/private/puetz/fairsoft_novp15/build/lib/root/libCore.so.5
#7 0x00007efc09c0bb89 in TBufferFile::WriteObjectAny(void const*, TClass const*) () from
/private/puetz/fairsoft_novp15/build/lib/root/libRIO.so
#8 0x00007efc09c0e818 in TBufferFile::WriteFastArray(void**, TClass const*, int, bool,
TMemberStreamer*) () from /private/puetz/fairsoft_novp15/build/lib/root/libRIO.so
#9 0x00007efc09c38e7b in int TStreamerInfo::WriteBufferAux<char**>(TBuffer&, char**
const&, TStreamerInfo::TCompInfo* const*, int, int, int, int, int) () from
/private/puetz/fairsoft_novp15/build/lib/root/libRIO.so
#10 0x00007efc09c8513b in TStreamerInfoActions::VectorPtrLooper::GenericWrite(TBuffer&,
void*, void const*, TStreamerInfoActions::TConfiguration const*) () from
/private/puetz/fairsoft_novp15/build/lib/root/libRIO.so
#11 0x00007efc09c0dba8 in
TBufferFile::ApplySequenceVecPtr(TStreamerInfoActions::TActionSequence const&, void*,
void*) () from /private/puetz/fairsoft_novp15/build/lib/root/libRIO.so
#12 0x00007efc067d73cc in TBranch::Fill() () from
/private/puetz/fairsoft_novp15/build/lib/root/libTree.so
#13 0x00007efc067ef370 in TBranchElement::Fill() () from
/private/puetz/fairsoft_novp15/build/lib/root/libTree.so
#14 0x00007efc067ef158 in TBranchElement::Fill() () from

/private/puetz/fairsoft_novp15/build/lib/root/libTree.so
#15 0x00007efc068141e3 in TTree::Fill() () from
/private/puetz/fairsoft_novp15/build/lib/root/libTree.so
#16 0x00007efc01358dfd in FairRunAna::Run (this=0x2773da0, Ev_start=<optimized out>, Ev_end=1000) at
/home/ikp1/puetz/panda/PandaSoftware/FairRoot/v15-11c/source/base/steer/FairRunAna.cxx:376

(for full error message see log-file).
On my machine I am using the following software versions:

FairRoot: nov15p5
FairSoft: v15-11c
PandaRoot: trunk rev. 29165

Does anyone of you observe the same problem or has an idea how to fix it?

Best regards,
Jenny

File Attachments

1) sim_complete.C, downloaded 666 times
2) digi_complete.C, downloaded 657 times
3) reco_secondary_trackfinder.C, downloaded 674 times
4) XiMinus1820_secondary_reco.log, downloaded 679 times
5) XiMinus_1820_lambda0_K.dec, downloaded 683 times