
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
```

```
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```

```
*** Break *** segmentation violation
```

```
=====
```

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::TComplInfo* 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 382 times
 - 2) [digi_complete.C](#), downloaded 375 times
 - 3) [reco_secondary_trackfinder.C](#), downloaded 382 times
 - 4) [XiMinus1820_secondary_reco.log](#), downloaded 385 times
 - 5) [XiMinus_1820_lambda0_K.dec](#), downloaded 392 times
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