
Subject: Re: Ideal Tracking Tasks

Posted by [Stefano Spataro](#) on Tue, 26 Mar 2013 16:38:34 GMT

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Hi Ralf,
now it breaks:

```
===PndRecoKalmanFit::Init() finished
=====
-l- PndMCTrackAssociator::Init
[INFO ] Branch: STTHitMix not found in Tree
[INFO ] Branch: STTHitMix not found in Tree
-W- PndMCTrackAssociator::Init: Using STTHit array
[INFO ] Branch: MVDHitsStripMix not found in Tree
[INFO ] Branch: MVDHitsStripMix not found in Tree
-W- PndMCTrackAssociator::Init: Using MVDHitsStrip array
[INFO ] Branch: MVDHitsPixelMix not found in Tree
[INFO ] Branch: MVDHitsPixelMix not found in Tree
-W- PndMCTrackAssociator::Init: Using MVDHitsPixel
[INFO ] The number of entries in chain is 1000
```

*** Break *** segmentation violation

```
=====
There was a crash.
```

This is the entire stack trace of all threads:

```
=====
#0 0x00007fb69d05b43e in __libc_waitpid (pid=<optimized out>, stat_loc=0x7fffb1524580,
options=0) at ../sysdeps/unix/sysv/linux/waitpid.c:32
#1 0x00007fb69cfe129e in do_system (line=0x10d73550
"/home/spataro/sep12/fairbuild/etc/gdb-backtrace.sh 28302 1>&2") at
../sysdeps/posix/system.c:149
#2 0x00007fb69df18787 in TUnixSystem::StackTrace() () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#3 0x00007fb69df1b063 in TUnixSystem::DispatchSignals(ESignals) () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#4 <signal handler called>
#5 0x00007fb691d20c82 in FairHit::GetX (this=0x0) at
/home/spataro/sep12/pandaroot/base/FairHit.h:37
#6 0x00007fb68d01fb91 in PndSttMvdGemTrackingIdeal::Exec (this=0x24ecda0,
option=0x7fb691d33360 "") at
/home/spataro/sep12/pandaroot/sttmvtracking/PndSttMvdGemTrackingIdeal.cxx:190
#7 0x00007fb69deaed23 in TTask::ExecuteTasks(char const*) () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#8 0x00007fb69deaf356 in TTask::ExecuteTask(char const*) () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#9 0x00007fb691c5ad34 in FairRunAna::Run (this=0x1989cf0, Ev_start=0, Ev_end=1000) at
/home/spataro/sep12/pandaroot/base/FairRunAna.cxx:549
#10 0x00007fb691ccd991 in G__G__BaseDict_998_0_6 (result7=0x7fffb1532e40,
funcname=0x19849a0 "", libp=0x7fffb1528430, hash=0) at
```

```
/home/spataro/sep12/build/base/G__BaseDict.cxx:14861
#11 0x00007fb69c44d9ab in Cint::G__ExceptionWrapper(int (*)(G__value*, char const*,
G__param*, int), G__value*, char*, G__param*, int) () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#12 0x00007fb69c4f32e1 in G__execute_call () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#13 0x00007fb69c4f36ce in G__call_cppfunc () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#14 0x00007fb69c4d4077 in G__interpret_func () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#15 0x00007fb69c4c0546 in G__getfunction () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#16 0x00007fb69c5ac180 in G__getstructmem(int, G__FastAllocString&, char*, int, char*, int*,
G__var_array*, int) () from /home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#17 0x00007fb69c5a364e in G__getvariable () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#18 0x00007fb69c499b92 in G__getitem () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#19 0x00007fb69c4a02a4 in G__getexpr () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#20 0x00007fb69c523c76 in G__exec_statement () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#21 0x00007fb69c4d21c7 in G__interpret_func () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#22 0x00007fb69c4c05ae in G__getfunction () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#23 0x00007fb69c49a331 in G__getitem () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#24 0x00007fb69c4a02a4 in G__getexpr () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#25 0x00007fb69c4abfac in G__calc_internal () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#26 0x00007fb69c5336df in G__process_cmd () from
/home/spataro/sep12/fairbuild/lib/root/libCint.so.5.34
#27 0x00007fb69dee2b2a in TCint::ProcessLine(char const*, TInterpreter::EErrorCode*) ()
from /home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#28 0x00007fb69ded9523 in TCint::ProcessLineSynch(char const*, TInterpreter::EErrorCode*)
() from /home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#29 0x00007fb69de49b94 in TApplication::ExecuteFile(char const*, int*, bool) () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#30 0x00007fb69de488cf in TApplication::ProcessLine(char const*, bool, int*) () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#31 0x00007fb69daa080a in TRint::Run(bool) () from
/home/spataro/sep12/fairbuild/lib/root/libRint.so.5.34
#32 0x0000000000400f6c in main ()
=====
```

The lines below might hint at the cause of the crash.
If they do not help you then please submit a bug report at
<http://root.cern.ch/bugs>. Please post the ENTIRE stack trace
from above as an attachment in addition to anything else

that might help us fixing this issue.

```
=====
#5 0x00007fb691d20c82 in FairHit::GetX (this=0x0) at
/home/spataro/sep12/pandaroot/base/FairHit.h:37
#6 0x00007fb68d01fb91 in PndSttMvdGemTrackingIdeal::Exec (this=0x24ecda0,
option=0x7fb691d33360 "") at
/home/spataro/sep12/pandaroot/sttmvdtracking/PndSttMvdGemTrackingIdeal.cxx:190
#7 0x00007fb69deaed23 in TTask::ExecuteTasks(char const*) () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#8 0x00007fb69deaf356 in TTask::ExecuteTask(char const*) () from
/home/spataro/sep12/fairbuild/lib/root/libCore.so.5.34
#9 0x00007fb691c5ad34 in FairRunAna::Run (this=0x1989cf0, Ev_start=0, Ev_end=1000) at
/home/spataro/sep12/pandaroot/base/FairRunAna.cxx:549
=====
```

Root > Function recoideal_complete() busy flag cleared
