
Subject: Reading parameter file, ROOT::delete_TFile(void*) ()

Posted by [asanchez](#) on Wed, 19 Nov 2014 15:36:37 GMT

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Dear all,

I have noticed that when running my ideal deco macro
it gets to segmentation fault caused by a problem with
ROOT::delete_TFile(void*) ()
or by PndHyp::Streamer get the following error message

here is the output,

```
[lorente@himster Alicia]$ root -l hit_hypmvd.C
root [0]
Processing hit_hypmvd.C...
FairRootManager::OpenOutFile("/data/work/kpha4/lorente/sim_panda/hypIdealreco.root ")
[INFO ] The input consists out of the following trees and files:
[INFO ] - cbmsim
[INFO ] - /data/work/kpha4/lorente/sim_panda/Sim_hypFSG41TXm_GB.root
[INFO ] Parameter and input file are available, Assure that basic info is there for the run!
[INFO ] The number of entries in chain is 2000
[INFO ] Branch: EventHeader. not found in Tree
[INFO ] Branch: EventHeader. not found in Tree
[INFO ] No event Header was found!!!
[INFO ] Branch: EventHeader. not found in Tree
[INFO ] Branch: EventHeader. not found in Tree
```

```
*****
```

```
initialisation for run id 1416404318
```

```
*****
```

```
-l- FairRunTimeDB::InitContainer() FairGeoParSet
Info in <TGeoManager::CloseGeometry>: Geometry loaded from file...
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
Info in <TGeoManager::Voxelize>: Voxelizing...
Info in <TGeoManager::CountLevels>: max level = 4, max placements = 24
Info in <TGeoManager::CloseGeometry>: 101 nodes/ 58 volume UID's in FAIR geometry
Info in <TGeoManager::CloseGeometry>: -----modeler ready-----
Container FairGeoParSet initialized from ROOT file.
-l- FairRunTimeDB::InitContainer() FairBaseParSet
```

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

```
[3]+ Stopped          root -l hit_hypmvd.C
[lorente@himster Alicia]$
```

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

This is the entire stack trace of all threads:

```
=====
```

```
#0 0x0000003511eabf9e in waitpid () from /lib64/libc.so.6
#1 0x0000003511e3e899 in do_system () from /lib64/libc.so.6
#2 0x00002b8e59f9ebc8 in TUnixSystem::StackTrace() ()
```

```

    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libCore.so.5.34
#3 0x00002b8e59f9e053 in TUnixSystem::DispatchSignals(ESignals) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libCore.so.5.34
#4 <signal handler called>
#5 0x00002b8e5e7d1cd0 in ROOT::delete_TFile(void*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#6 0x00002b8e59f6e4d8 in TClass::Destructor(void*, bool) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libCore.so.5.34
#7 0x00002b8e5e6f0f66 in TBufferFile::ReadFastArray(void**, TClass const*, int, bool,
TMemberStreamer*, TClass const*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#8 0x00002b8e5e7b0a17 in int TStreamerInfo::ReadBuffer<char**>(TBuffer&, char** const&,
int, int, int, int) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#9 0x00002b8e5e72e71e in TStreamerInfoActions::GenericReadAction(TBuffer&, void*,
TStreamerInfoActions::TConfiguration const*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#10 0x00002b8e5e6eb3e5 in
TBufferFile::ApplySequence(TStreamerInfoActions::TActionSequence const&, void*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#11 0x00002b8e5e6eb89b in TBufferFile::ReadClassBuffer(TClass const*, void*, TClass
const*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#12 0x00002b8e624d4ca3 in PndHyp::Streamer (this=0x2558260
=====

```

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 0x00002b8e5e7d1cd0 in ROOT::delete_TFile(void*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#6 0x00002b8e59f6e4d8 in TClass::Destructor(void*, bool) () from
/cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libCore.so.5.34
#7 0x00002b8e5e6f0f66 in TBufferFile::ReadFastArray(void**, TClass const*, int, bool,
TMemberStreamer*, TClass const*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#8 0x00002b8e5e7b0a17 in int TStreamerInfo::ReadBuffer<char**>(TBuffer&, char** const&,
int, int, int, int) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#9 0x00002b8e5e72e71e in TStreamerInfoActions::GenericReadAction(TBuffer&, void*,
TStreamerInfoActions::TConfiguration const*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#10 0x00002b8e5e6eb3e5 in
TBufferFile::ApplySequence(TStreamerInfoActions::TActionSequence const&, void*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34
#11 0x00002b8e5e6eb89b in TBufferFile::ReadClassBuffer(TClass const*, void*, TClass
const*) ()
    from /cluster/gsi/fairsoft/gcc/fairsoft_apr13/lib/root/libRIO.so.5.34

```

#12 0x00002b8e624d4ca3 in PndHyp::Streamer (this=0x2558260

=====

Does someone has an idea?

What is the meaning of the Streamer.

I know it is related with the version of the dictionary created for root.

Is there a maximum number for that?

do we still need the PndXXGeo PndXXConFact?

please to reproduce the error go to macro/hyp/Alicia

there you can find a README.txt file where the information needed to run the simulation is given.

thank you in advance

Alicia S.