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Subject: Reading of nonexistent objects

Posted by [Ralf Kliemt](#) on Tue, 27 Jan 2009 10:48:49 GMT

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Hi all,

I try to run the PndMicroWriter and face the following issue. If there is no "Track" TClonesArray then the writer intends to use the "LhePidTrack" TClonesArray.

Unfortunately the framework receives a segfault at `ioman->GetObject("Track");` (the object is not existent). So the it does not work like it is intended.

I think once we could try to get an object and end the run with an adequate error message.

The code snippet:

Toggle Spoiler

```
// Get input array
fTrArray = (TClonesArray*) ioman->GetObject("Track");
if (! fTrArray) {
    cout << "-W- PndMicroWriter::Init: "
    << "No Track array!" << endl;
    fTrArray=new TClonesArray("Track");

    //return kERROR;
} else fStoreTrack=true;
```

The gdb output of the thing is:

Toggle Spoiler Inside the Init function\*\*\*\*

Program received signal SIGSEGV, Segmentation fault.

[Switching to Thread -1229109552 (LWP 13643)]

0xb4014ca6 in CbmRootManager::ActivateBranch (this=0x86ff6d8, BrName=0xb2c96f44 "Track")

at /home/ralfk/Pandaroot/pandaroot/base/CbmRootManager.cxx:474

474 fObj2[fNObj] = fold->FindObjectAny(BrName);

(gdb) bt

#0 0xb4014ca6 in CbmRootManager::ActivateBranch (this=0x86ff6d8, BrName=0xb2c96f44 "Track")

at /home/ralfk/Pandaroot/pandaroot/base/CbmRootManager.cxx:474

#1 0xb4014eee in CbmRootManager::GetObject (this=0x86ff6d8, BrName=0xb2c96f44 "Track")

at /home/ralfk/Pandaroot/pandaroot/base/CbmRootManager.cxx:517

#2 0xb2c884ec in PndMicroWriter::Init (this=0x8957610) at /home/ralfk/Pandaroot/pandaroot/tutorials/anatask/PndMicroWriter.cxx:100

#3 0xb40214fb in CbmTask::InitTask (this=0x8957610) at /home/ralfk/Pandaroot/pandaroot/base/CbmTask.cxx:41

Greetings from Dresden,

Ralf.

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Subject: Re: Reading of nonexistent objects  
Posted by [Ralf Kliemt](#) on Tue, 03 Feb 2009 15:46:47 GMT  
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Well,

It turned out that there seems nothing to be really wrong. Accidentally I added a non friend file as a friend, thus screwing up the TChain.

Regards, Ralf.

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