
Subject: Re: first try with fast simulation problem
Posted by [Alexandros](#) on Wed, 09 Apr 2014 13:47:39 GMT
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The .root file is indeed broken..
If I try file->lsZombie() gives 0 so file is there.
If I try then sile->Recover it says:

```
"Info in <TFile::Recover>: psi4160_fast.root, recovered key TFolder:cbmroot at address 230
Info in <TFile::Recover>: psi4160_fast.root, recovered key TList:BranchList at address 698
Info in <TFile::Recover>: psi4160_fast.root, recovered key FairFileHeader:FileHeader at
address 946
Info in <TFile::Recover>: psi4160_fast.root, recovered key TTree:cbmsim at address 5176972"
```

Without exiting root I try .L my analysis macro and then I call the function I have.
My macro is like I said before:

```
void psi4160at8Gev1000eventsAnalysis(int nevt=0)
{
// some variables
int i=0,j=0, k=0, l=0;

// the output file examined
TString InFile="psi4160_fast.root";
TString OutFile="psi4160_out.root";

// initialization
FairLogger::GetLogger()->SetLogToFile(kFALSE);
FairRunAna* fRun = new FairRunAna();
fRun->SetWriteRunInfoFile(kFALSE);

fRun->SetInputFile(InFile);
fRun->SetOutputFile(OutFile);
fRun->Init();

// create an output file for all histograms
TFile *out = TFile::Open("psi4160.root","RECREATE");

// create ntuples for psi(4160), D0 and anti-D0
RhoTuple *npsi4160 = new RhoTuple("npsi4160","npsi4160 Analysis");
RhoTuple *nd0 = new RhoTuple("nd0","nD0 Analysis");
RhoTuple *nantid0 = new RhoTuple("nantid0","nanti-D0 Analysis");

// *** Now the analysis stuff *** //

// the data reader object
PndAnalysis* theAnalysis = new PndAnalysis();
if(nevt==0) nevt= theAnalysis->GetEntries();
```

and then the real analysis part comes...

But now I am taking this as an error:

```
FairRootManager::OpenOutFile("psi4160_out.root")
Warning in <TFile::Init>: file psi4160_fast.root probably not closed, trying to recover
Info in <TFile::Recover>: psi4160_fast.root, recovered key TFolder:cbmroot at address 230
Info in <TFile::Recover>: psi4160_fast.root, recovered key TList:BranchList at address 698
Info in <TFile::Recover>: psi4160_fast.root, recovered key FairFileHeader:FileHeader at
address 946
Info in <TFile::Recover>: psi4160_fast.root, recovered key TTree:cbmsim at address 5176972
Warning in <TFile::Init>: successfully recovered 4 keys
Fatal in <ApplySequence>: The sequence of actions to read PndMCTrack:1 member-wise was
not initialized.
aborting
```

and then a stack of errors which lead to exit root...

I really have no idea (as you will have probably understood by now) of what is wrong!!!
