
Subject: crash

Posted by [Gianluigi Boca](#) on Wed, 22 Feb 2017 23:57:53 GMT

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Hi,
does anyone know why within the Init or Exec method of a class,
let's say in

sttmvdtracking/PndMixBackgroundEvents.cxx

class, the following very normal statements lead to an inexplicable
crash ?

```
TFile *f = new TFile("../dpm/digi_complete.root");  
TTree * fTree = (TTree*) f->Get("cbmsim");  
TClonesArray * fClone;  
fTree->SetBranchAddress("MVDPixelDigis",&fClone);  
fTree->GetEntry(5); // it crashes here
```

Note that other things like

```
fTree->Print()
```

for instance give a quite normal usual output. The file ../dpm/digi_complete.root
has been generated with the standard sim_complete.C and digi_complete.C
Macros in the trunk repository.

The crash doesn't happen if I do the same statements within the
root

interactive command.

Thanks in advance
Gianluigi

Subject: Re: crash

Posted by [Tobias Stockmanns](#) on Thu, 23 Feb 2017 20:01:01 GMT

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Dear Gianluigi,

the problem is the line:

```
TClonesArray* fClone;
```

You do not allocate memory for the TClonesArray which causes the crash.
Replace it with:

```
TClonesArray* fClone = new TClonesArray("PndSdsDigiPixel");
```

Cheers,

Tobias
