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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

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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

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