Subject: Problem in creating geometry from root file
Posted by Shyam Kumar on Fri, 19 Jul 2013 17:08:07 GMT
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Hi,
I want to draw the geometry from the root file given in /pandaroot/geometry folder although I can draw the geometry in TBrowser but not in code. I am using the code below which was for params.root file.The Error is shown below. Also tell me can I draw a .geo file to see its geometry?.

```
drawGeo()
{

  gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");
  rootlogon();
 gSystem->Load("libGeom");
TFile *f = TFile::Open("/home/shyam/fairsoft/pandaroot/geometry/LambdaDisksNew.root ");

  //TFile* file = new TFile("params.root");
  f->Get("FairBaseParSet");
  gGeoManager->SetVisLevel(3);
 //defoult 3
  gGeoManager->GetMasterVolume()->Draw("ogl");


}
```

Processing drawGeo.C...
Note: File "/home/shyam/fairsoft/pandaroot/buildPanda/lib/libDrc.so" already loaded
Error: illegal pointer to class object gGeoManager 0x0 2182 drawGeo.C:17:
*** Interpreter error recovered ***

Subject: Re: Problem in creating geometry from root file
Posted by StefanoSpataro on Fri, 19 Jul 2013 17:52:02 GMT
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Where did you take such code? It is very very old.
Please use the default macro.

However, you cannot see the geometry from the geo root file, you need to open a param file.

Subject: Re: Problem in creating geometry from root file
Posted by Shyam Kumar on Fri, 19 Jul 2013 18:48:46 GMT
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I have taken this from fts/ drawGeo.C for the purpose of just drawing .root type geometry file.

Subject: Re: Problem in creating geometry from root file
Posted by StefanoSpataro on Fri, 19 Jul 2013 19:13:07 GMT

The default folder is macro/run

Subject: Re: Problem in creating geometry from root file
Posted by Florian Uhlig on Sat, 20 Jul 2013 14:19:10 GMT

Hi,

you can also add the following line at the end of a simulation macro to write the complete geomanager to file.

```
  fRun->CreateGeometryFile("<your_filename>");
```

Ciao

Florian