Subject: Re: Moving the Geometry from data file to the parameters
Posted by Arun Prakash on Mon, 26 Oct 2009 10:30:53 GMT
View Forum Message <> Reply to Message

I am performing the simulations for MuCh. I could successfully perform the transport and segmnetation. Now when I am running the much_hits_gem.C (with simple gem) I am getting the following error .

 Processing much_hits_gem.C...

PSaid instance created... access via gSaid->f()

- RTDB container factory FairBaseContFact
- RTDB container factory CbmFieldContFact
- RTDB container factory CbmPassiveContFact
- RTDB container factory CbmStsContFact
- RTDB container factory CbmRichContFact
- RTDB container factory CbmTrdContFact
- RTDB container factory CbmTofContFact
- RTDB container factory CbmEcalContFact
- RTDB container factory CbmMuchContFact
-I- FairRunAna: Opening Input file:
/u/cbmgast5/arun/cbmroot/macro/much/data/mc.box.0009.root
Info in <CbmMuchGeoScheme::CbmMuchGeoScheme>: CbmMuchGeoScheme created

-I- FairRunAna::Init :
/u/cbmgast5/arun/cbmroot/macro/much/data/mc.box.0009.root is connected with:

-I- Geometry was not found in the input file we will look in the friends if any!
create CbmFieldPar container CbmFieldPar

****
    initialisation for run id 1456339567
****
Info in <TGeoManager::TGeoManager>: Geometry Geometry, default geometry created
Warning in <TGeoManager::Init>: Deleting previous geometry: Geometry/default geometry
Info in <TGeoManager::CloseGeometry>: Geometry loaded from file...
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
Info in <TGeoManager::Voxelize>: Voxelizing...
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
Info in <TGeoManager::CloseGeometry>: 5512 nodes/ 4513 volume UID's in FAIR geometry
Info in <TGeoManager::CloseGeometry>: ----------modeler ready----------
Container FairBaseParSet initialized from ROOT file.
Container CbmFieldPar initialized from ROOT file.
New field at 0xad00308, type 3
-I- CbmFieldMap: Reading field map from ROOT file
/u/cbmgast5/arun/cbmroot/input/FieldMuonMagnet.root
==========
----   : FieldMuonMagnet

---- Field type   : Map sym3

```
----  Field map grid :
----  x = 0.000 to 150.0 cm, 151 grid points, dx = 1.000 cm
----  y = 0.000 to 150.0 cm, 151 grid points, dy = 1.000 cm
----  z = 0.000 to 250.0 cm, 251 grid points, dz = 1.000 cm

----  Field centre position: (  0.000,  0.000,  50.00) cm
----  Field scaling factor: 1.000
----
----  Field at origin is (  0.000, -7.272, -2.724e-09) kG
=====================================================

 *** Break *** segmentation violation
terminate called after throwing an instance of 'std::bad_alloc'
  what():  St9bad_alloc
```

Kindly advise me as how to rectify this error