
Subject: Issues on the mvd root geometry 1.0
Posted by [Ralf Kliemt](#) on Fri, 22 Feb 2008 14:02:34 GMT
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Hi all, hi Tobias,

I tried a small simulation with the root geometry containing the geometry from the CAD file (Feb. 2008). I get the following segfault from building the geometry:

```
Quote:#0 0xb792adec in TObjArray::UncheckedAt (this=0xf84, i=0) at include/TObjArray.h:76
#1 0xb6a36b31 in TGeoVolume::GetNode (this=0x87c7520, i=0) at
include/TGeoVolume.h:172
#2 0xb2a600f7 in PndMvdDetector::ConstructRootGeometry (this=0x8512fe0) at
/home/ralfk/Pandaroot/pandaroot/mvd/MvdMC/PndMvdDetector.cxx:318
#3 0xb2a60303 in PndMvdDetector::ConstructGeometry (this=0x8512fe0) at
/home/ralfk/Pandaroot/pandaroot/mvd/MvdMC/PndMvdDetector.cxx:294
#4 0xb3047869 in CbmMCApplication::ConstructGeometry (this=0x8543738) at
/home/ralfk/Pandaroot/pandaroot/base/CbmMCApplication.cxx:453
#5 0xafc08fe1 in TG4RunManager::ConfigureRunManager (this=0x86572d0) at
run/src/TG4RunManager.cxx:191
#6 0xafc0ad56 in TG4RunManager (this=0x86572d0, runConfiguration=0x8629eb0) at
run/src/TG4RunManager.cxx:145
#7 0xafc0e2c9 in TGeant4 (this=0x8651ca0, name=0x84fab5c "TGeant4", title=0x863d16c
"The Geant4 Monte Carlo", configuration=0x8629eb0) at run/src/TGeant4.cxx:136
```

Well It doesn't tell me much. Maybe the file (preliminary state) is broken.

[edit]

Actually I just saw that in this new geometry file exists a TGeoManager as top level object. So the call for the TVolume is not valid. I'll look for a workaround...

Ralf.
