
Subject: Re: simulation does not work with G4 for ROOT files with geometry
Posted by [Mohammad Al-Turany](#) on Wed, 28 Nov 2007 16:17:40 GMT
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Hi,

Quote:'dch' also works with G4, but still I have the same warnings and

```
*** Break *** segmentation violation
Using host libthread_db library "/lib/libthread_db.so.1".
Attaching to program: /proc/7855/exe, process 7855
`system-supplied DSO at 0xffffe000' has disappeared; keeping its symbols.
...
```

This was a problem with the mvd also, when you exit root the GeoManager try to delete a list of marticies which is already deleted, as far as I remmember dch has also his own ConstructRootGeometry which is similar to mvd, so one have to correct this method like MVD.

```
Quote:Info in <TG4RootNavMgr::Initialize>: Creating G4 hierarchy ...
Info in <TGeoManager::ConvertReflections>: Converting reflections in: CBMGeom - CBM
geometry ...
Info in <TGeoManager::ConvertReflections>: Done
==> GEANT4 materials created and mapped to TGeo ones...
Cannot make material for volume: top
Aborting in CreateLogicalVolume()
```

```
*** G4Exception: Aborting execution ***
it looks like a problem in the ExpandNode I will have to look into the code, maybe tommorrow I
can tell you more.
```

regards

Mohammad