
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