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Subject: Re: simulation does not work with G4 for ROOT files with geometry  
Posted by [Mohammad Al-Turany](#) on Wed, 28 Nov 2007 14:39:23 GMT  
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Hi,

Quote:Loading Geant4 granular libraries ...  
Loading VGM libraries ...  
dlopen error: /misc/cbmsoft/Debian3.1/development/transport/geant4\_vmc/lib/tgt\_linux/libgeant4vmc.so: undefined symbol: \_ZNK8TGWindow7GetNameEv  
Load Error: Failed to load Dynamic link library  
/misc/cbmsoft/Debian3.1/development/transport/geant4\_vmc/lib/tgt\_linux/libgeant4vmc.so  
(int)(-1)

do you start root with -b option? if yes then this is the reason! either you add to your macro  
gSystem->Load("libGui") or you use -l option instead.

Quote>Error: Symbol TG4RunConfiguration is not defined in current scope  
/d/panda02/abiegun/pandaroot/gconfig/g4Config.C:29:  
Error: Symbol TG4RunConfiguration is not defined in current scope  
/d/panda02/abiegun/pandaroot/gconfig/g4Config.C:29:  
Error: type TG4RunConfiguration not defined  
FILE:/d/panda02/abiegun/pandaroot/gconfig/g4Config.C LINE:29  
Warning: Automatic variable TG4RunConfiguration\* runConfiguration is allocated  
/d/panda02/abiegun/pandaroot/gconfig/g4Config.C:29:  
Error: Undeclared variable TG4RunConfiguration\* runConfiguration  
/d/panda02/abiegun/pandaroot/gconfig/g4Config.C:29:  
\*\*\* Interpreter error recovered \*\*\*

this related to the above error, the vmc library is not loaded so he cannot find these objects.

Quote:With G3 those detectors works, but for 'emc' and 'dch'  
I got 'segmentation violation' error after quitting root  
like below:

maybe it is the same problem which was in the MVD, I have to check.

regards

Mohammad