Subject: Geant4 not working with current fairbase (10/10/12) [SOLVED]
Posted by Raphael Cervantes on Wed, 10 Oct 2012 18:20:36 GMT
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Has anyone had any luck using geant4 with the current fairbase (10/10/12)?? If so, can you please reply. I am unable to run fairroot with geant4 and I need to know if the problem is because of a bug or because of my personal error.

I tried running the rutherford example,
cd fairbase/examples/rutherford/macros
root run_rutherford.C
And it seemed to run without a hitch.

However, run_rutherford as it is in the repository uses Geant3. I want to use Geant4, so I replace run->SetName("TGeant3"); with run->SetName("TGeant4");

After I try to run_rutherford.C again, I get a segmentation fault. The error is described in geant4SeFault.txt.

I naively copied g4libs.C from sep12/transport/geant4_vmc into my sep12-build/share/root/macros and into my gconfig folder in my fairbase. Note: the g4libs.C was not found at all in my sep12 build folder, which might suggest that sep12 is faulty in this aspect. After copying g4libs.C into said folders, I ran rutherford again and obtained the error described in geant4now.txt. I don't know what else to try, so any help is greatly appreciated.

Thank you in advance

File Attachments

1) geant4SegFault.txt, downloaded 497 times
2) geant4now.txt, downloaded 507 times