Subject: Problem with Geant4
Posted by C. A. Douma on Fri, 27 Nov 2015 20:56:14 GMT
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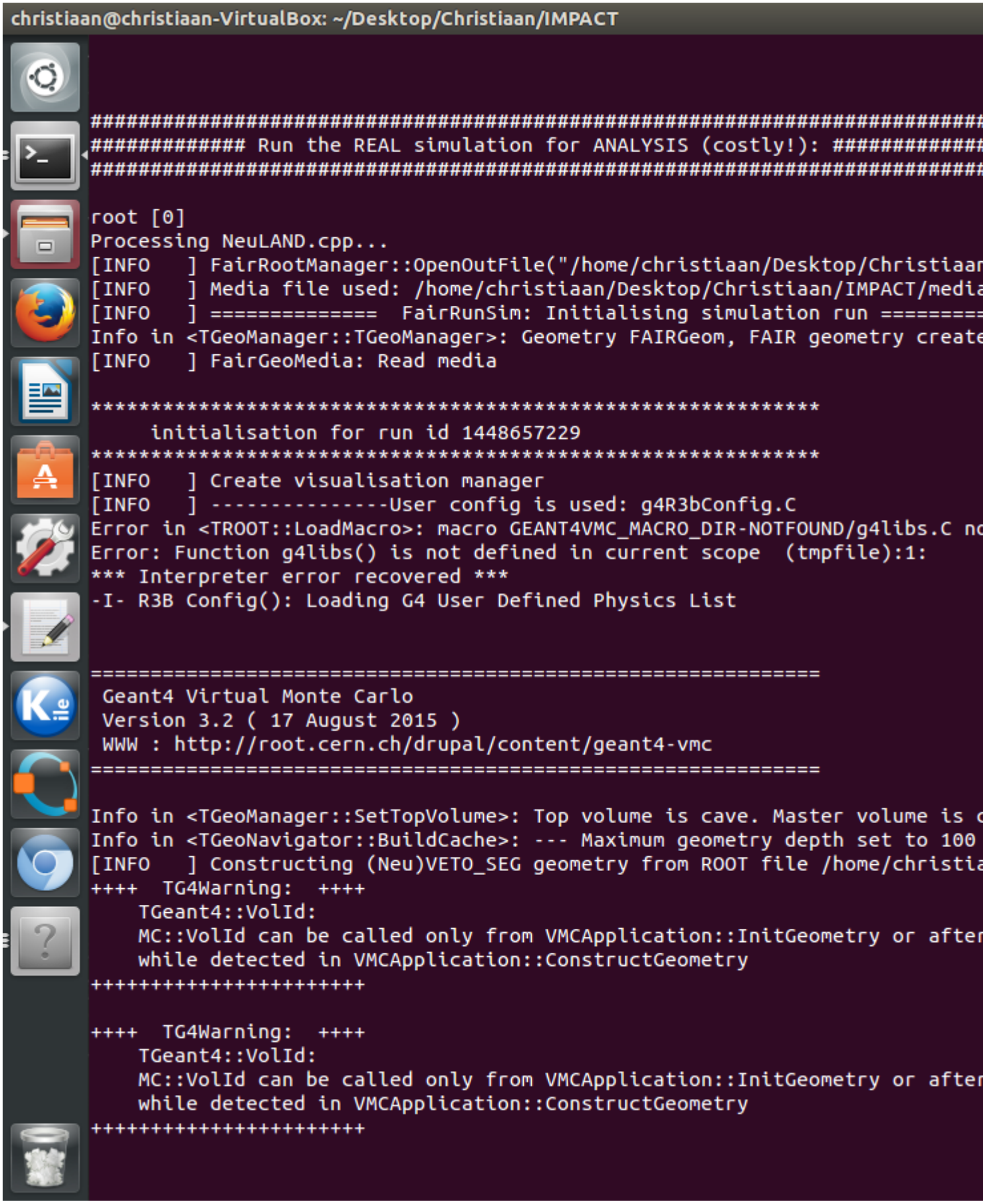
During my first simulation with the new R3Broot, Geant 4 crashes.
It says there is a problem with the geometry and it says that there is
a G4libs.C file not in the right place, but I do not understand it.

Can anyone help me? A screenshot is attached.

Christiaan Douma.

File Attachments

1) screen.png, downloaded 1093 times


christiaan@christiaan-VirtualBox: ~/Desktop/Christiaan/IMPACT
##
############## Run the REAL simulation for ANALYSIS (costly!): #############
##
root [0]
Processing NeuLAND.cpp...
[INFO] FairRootManager::OpenOutFile("/home/christiaan/Desktop/Christiaan
[INFO] Media file used: /home/christiaan/Desktop/Christiaan/IMPACT/media
[INFO] ============== FairRunSim: Initialising simulation run =========
Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry create
[INFO] FairGeoMedia: Read media
****
initialisation for run id 1448657229
****
[INFO] Create visualisation manager
[INFO] ---------------User config is used: g4R3bConfig.C
Error in <TROOT::LoadMacro>: macro GEANT4VMC_MACRO_DIR-NOTFOUND/g4libs.C no
Error: Function g4libs() is not defined in current scope (tmpfile):1:
*** Interpreter error recovered ***
-I- R3B Config(): Loading G4 User Defined Physics List
==
Geant4 Virtual Monte Carlo
Version 3.2 (17 August 2015)
WWW : http://root.cern.ch/drupal/content/geant4-vmc
==
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is c
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
[INFO] Constructing (Neu)VETO_SEG geometry from ROOT file /home/christia
++++ TG4Warning: ++++
TGeant4::VolId:
MC::VolId can be called only from VMCApplication::InitGeometry or after
while detected in VMCApplication::ConstructGeometry
++++++++++++++++++++++
++++ TG4Warning: ++++
TGeant4::VolId:
MC::VolId can be called only from VMCApplication::InitGeometry or after
while detected in VMCApplication::ConstructGeometry
++++++++++++++++++++++

Subject: Re: Problem with Geant4
Posted by Dmytro Kresan on Mon, 30 Nov 2015 09:31:39 GMT
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This problem was solved in the latest FairSoft release. I recommend to use it. The most recent versions are:

FairSoft - "nov15p1" https://github.com/FairRootGroup/FairSoft/releases/tag/nov15p1

FairRoot - "v-15.11" https://github.com/FairRootGroup/FairRoot/releases/tag/v-15.11

And "dev" branch of R3BRoot. I have made multiple fixes to Geant4 part today, therefore run "git checkout dev; git pull"

Best regards,
Dima