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.

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Can anyone help me? A screenshot is attached.

Christiaan Douma.

File Attachments

1) screen.png, downloaded 657 times

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christiaan@christiaan-VirtualBox: ~/Desktop/Christiaan/IMPACT ########### Run the REAL simulation for ANALYSIS (costly!): ############# root [0] Processing NeuLAND.cpp...] FairRootManager::OpenOutFile("/home/christiaan/Desktop/Christiaar] Media file used: /home/christiaan/Desktop/Christiaan/IMPACT/media [INFO] ======= FairRunSim: Initialising simulation run ======= [INFO Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry create] FairGeoMedia: Read media ******************* initialisation for run id 1448657229 **************] Create visualisation manager] -----User config is used: g4R3bConfig.C [INFO 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 o 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