Subject: GLAD magnetic field
Posted by C. A. Douma on Mon, 08 Feb 2016 14:44:47 GMT

I am doing an R3B simulation with the following components:

STaRTrack, DCH, mTOF, MFI, PSP, TOF, VACVESSEL and CALIFA.

Without the GLAD geometry in the simulation, the magnetic field looks
fine. But when I add the GLAD geometry to the simulation (even when it is
somewhere at the boundary of the world volume), the magnetic field
suddenly looks completely wrong (see attached screenshots).

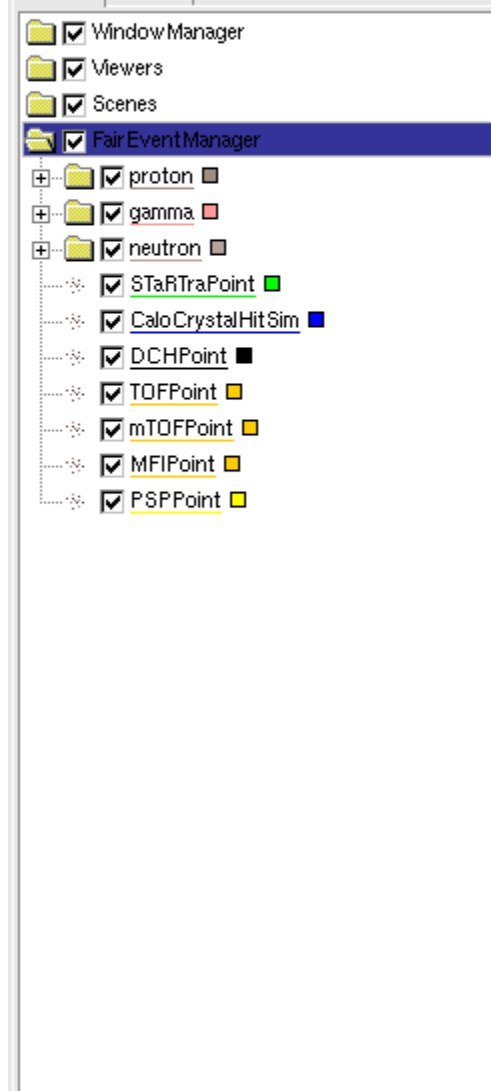Can anyone help me with this?

Christiaan Douma.

PS: the other screenshot is in a separate message

File Attachments
1) with GLAD.png, downloaded 680 times

Browser Eve

Eve   Files

- ☑ Window Manager
- ☑ Viewers
- ☑ Scenes
- ☑ FairEventManager
  - ☑ proton ▪
  - ☑ gamma ▪
  - ☑ neutron ▪
  - ☑ STaRTraPoint ▪
  - ☑ CaloCrystalHitSim ▪
  - ☑ DCHPoint ▪
  - ☑ TOFPoint ▪
  - ☑ mTOFPoint ▪
  - ☑ MFIPoint ▪
  - ☑ PSPPoint ▪

Style Info

FairEventManager [FairEventManager]

Input file : ../../Data/MonteCarlo/Double_run
Run Id : 1454941447
No of events : 1
No. of Nodes : 6839
Current Event: 0 ⬍
Event Time: 0.00 ns
☐ Primary Only
Select PDG :   0 ⬍
Min Energy: 0.00 ⬍
Max Energy: 10.00 ⬍

Update

Viewer 1

Hide

Command

Command (local):