Subject: Problems with macros

Posted by Jennifer Pütz on Tue, 21 Jun 2016 09:06:03 GMT

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Hi everyone,

I updated my machine to

FairSoft: nov15p5 FairRoot: v15-11c

PandaRoot: trunk rev. 29165

I tried to run the simulation with the standard macro macros/run/sim_complete.C. The macro produces a "proper" sim_complete.root file, but the macro doesn't end (I attached a screen shot). I tried several options like run the macro with root -q or adding an exit(0) to the end of the macro, but no option is working. I have to kill the task at the end. I tried some other macros, but the problem is the same.

Best, Jenny

File Attachments

1) sim_macro_screenshot.png, downloaded 834 times

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```
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface  RichMirrSurface. Not applicab
3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarRichMirrorSurface. Not applicabl
 - setting is ignored.
Warning in <TGeant3TGeo::SetSkinSurface>: Called for skin surface RichAirMirrorSurface. Not applicable in
etting is ignored.
====== RICH::ConstructOpGeometry -> Finished! ======
-I- Initializing PndSdsDetector()
[INFO ] Branch: MVDPoint not registered!
W- PndSdsDetector: New branch M∨DPoint created!
 -I- Initializing PndGemDetector()
****************
PndEmc::SetSpecialPhysicsCuts():
  -I- Initializing PndSciT()
Fairdetector geht
-I- Initialized PndSciT()
 -I- PndDrc: Intialization started...
there is gGeoManager
list of sensitives has 1 entries
-I- PndDrc: Switching OFF Cherenkov Propagation
DRC parameters: fpi = 3.142, fzup = -119.000, fbarnum = 5.000, flside = 15.872
bar 1 id = 4981
lens1ID = 4981, flens2ID = 4981, lens3ID = 4981
pd id = 4986
bbox id = 4984
∨olId: ∨olume DrcE∨Sensor not found
EV id = 0
-I- PndDrc: Intialization successfull
-I- Initializing PndFts()
-I- Initializing PndFtof()
[INF0 ] Initialize Tasks------
HitProducer has EnergyHitThreshold of 0.000001 Ge∨ and Use_nonuniformity 1
-I- PndEmcHitProducer: Intialization successfull
        ] Simulation RunID: 1466498717
[INFO
 Calculating cross section tables, see gphysi.dat for more information
 Cross section calculation concluded successfully
       ] Monte Carlo Engine Initialisation with: TGeant3TGeo
[INFO
**** GTRIGI: IEVENT=

**** GTRIGI: IEVENT=

**** GTRIGI: IEVENT=

**** GTRIGI: IEVENT=

**** GTRIGI: IEVENT=
                             1 IDEVT=
2 IDEVT=
                                            1 Random Seeds = 2010973484
2 Random Seeds = 2010973484
                                                                                      0
                                                                                      0
                             3 IDEVT=
                                            3 Random Seeds = 2010973484
                                                                                      0
                             4 IDEVT=
                                            4 Random Seeds = 2010973484
                             5 IDEVT=
                                            5 Random Seeds = 2010973484
PndEmcHitProducer::FinishTask
**********************
Read points # 2670
[INFO
          火火火
                PndEmcGeoPar written to ROOT file version: 1
                PndSensorNamePar written to ROOT file version: 1
PndEmcDigiPar written to ROOT file version: 1
          火火火
INFO
          火火火
ĪINFO
               PndEmcDigiNonuniformityPar written to ROOT file
FairBaseParSet written to ROOT file version: :
FairGeoParSet written to ROOT file version: 1
          火火火
INFO
                                                                       version: 1
          火火火
INFO
                                                          version: 1
INFO
          火火火
                PndMultiFieldPar written to ROOT file
PndGeoPassivePar written to ROOT file
          火火火
INFO
                                                           version: 1
          火火火
TNFO
                                                           version: 1
                PndGeoSttPar written to ROOT file
PndGeoFtsPar written to ROOT file
INFO
          火火火
                                                       version: 1
          火火火
INFO
                                                       version: 1
INFO
          火火火
                PndRichGeoPar written to ROOT file
                                                        version: 1
          *** PndGeoSciTPar written to ROOT file
*** PndGeoFtofPar written to ROOT file
INFO
                                                        version: 1
ĪTNFO
                                                        version: 1
RealTime=79.521048 seconds, CpuTime=78.990000 seconds
 Test passed
All ok
(int)-1557637376
```

Subject: Re: Problems with macros Posted by Klaus Götzen on Tue, 21 Jun 2016 09:36:31 GMT

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Hi Jenny,

I can't observe the problem with rev. 29169, nov15p1 and 15.11a on GSI machines (lxbk). Maybe the macro would still finish later, but it gets stuck in accessing some network resources.

You could try to add a 'return;' statement to the end of the macro, although I don't believe that this helps. I wouldn't recommend the 'exit(0);' since it sometimes breaks the output. You could also try to use the 'supposed to be new standard' macros in macro/master instead, or try on a different machine.

Best, Klaus

Subject: Re: Problems with macros

Posted by Jennifer Pütz on Tue, 21 Jun 2016 13:43:06 GMT

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Hi Klaus,

thank you very much for your quick reply. I checked the suggestions you made, but none of them worked. Finally, I reinstalled everything, and now it works again.

Best, Jenny