Subject: [NOTABUG] Warning: FairRun Function
Posted by Ajay Kumar on Tue, 23 Jun 2015 00:29:15 GMT
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Dear All,

I am using PandaRoot trunk with Revision: 27914 for my analysis. While I am running simulation getting following warning:-

[WARNING] Function FairRun::SetWriteRunInfoFile(Bool_t) is depcrecated and will vanish in future versions of FairRoot.
Please use FairRun::SetGenerateRunInfo(Bool_t) instead.

Sometimes simulation run fine with this warning and sometime it crash without writing output in output.root files.

How to go for the solution?? kindly teach me. please find the attached file to have a look.

Thanks in advance.

Ajay

File Attachments
1) nohup.out, downloaded 416 times

Subject: Re: Warning: FairRun Function
Posted by Florian Uhlig on Tue, 23 Jun 2015 07:25:35 GMT
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Hi Ajay,

this is a just a warning that we still use a old function in the FairRoot code which will be removed in some future version of FairRoot. The has absolutely no influence on the program and the old function call still works as expected. This has nothing to do with your crash.

Ciao

Florian

Subject: Re: Warning: FairRun Function
Posted by Ajay Kumar on Tue, 23 Jun 2015 20:20:25 GMT
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Thanks for your quick reply Florian,

Regards
Ajay

Indeed such a warning is harmless, and in the log you sent it seems all the macros ended successfully.
But I noticed, in the digi:

```
==================================================
PndEmcHitsToWaveform::FinishTask
**************************************************
Read Hits# -1717986919
Produc waveforms# 0
**************************************************
============================================================
PndEmcWaveformToDigi::FinishTask
============================================================
Total waveforms# 0
Total expected hits# 0
Total fpga hits# 0
Total digis Above th. #0, threshold# 0.002
============================================================
PndEmcMakeCluster::FinishTask
**********************************************************
Read digis# 0
Produce cluster# 0
**********************************************************
==================================================
PndEmcExpClusterSplitter::FinishTask
==================================================
read digis #0
==================================================
PndEmcPhiBumpSplitter::FinishTask
==================================================
-I- PndDrcHitProducerReal: Finish
-------------------- GEM Digitizer : Summary ----------------------
 Events:        0
 MC Points:     0            ( -nan per event )
 Digis:         0            ( -nan per event )
                   -->    ( -nan per sensor )
                   -->    ( -nan% occupancy )
                   -->    ( 2 x -nan per point )
------------------------------------------------------------------
-------------------- GEM Hit Finder : Summary ----------------------
 Events:        0
 Digis:         0            ( -nan per event )
 HitsTemp:          0            ( -nan per event )
 Hits:          0            ( -nan per event )
                   -->    ( -nan per sensor )
                   -->    ( -nan per digi )
------------------------------------------------------------------
 >>> HF >>> prep    time = 0s      (get data from input)
```

```
 >>> HF >>> sort    time = 0s    (sort clusters, 0)
 >>> HF >>> create  time = 0s    (create hits, 0)
 >>> HF >>> confirm time = 0s    (confirm hits, 0)
 >>> HF >>> activ.  time = 0s     (activate digis, 0)
 >>> HF >>> all     time = 0s     (all time spent in Exec, 0)
-----------------------------------------------------------------------
```

It seems no digits/hits are created. I think you are messing up something in the sim or in the digi.

Afterwards, in the reco:

```
[INFO   ] The number of entries in the tree is 0
[INFO   ] FairRootManager::ReadEvent(0): The tree has 0 entries
```

The digi tree is empty (maybe also the sim).

Last comment: you should stream also the errors! If not you are cutting out from the log all the error messages:

```
root -l -q xxX.C >> output.txt 2>&1 &
```