Subject: Red Exclamation ! - Is it normal ?
Posted by Ajay Kumar on Tue, 03 Sep 2013 06:29:14 GMT
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Dear Panda Rooters,

I have taken simulation macro from the /macro/run folder. I have just simulated 10 lambda-lambdabar events to test the macro, whether it is working or not, since previously it was crashing.
after three or four run, its working and generated output as sim_complete.root simparams.root
and does not generate any Fair_Info file as noticed earliar.
Now I run the output files on root shell ..then I am having a massage as-

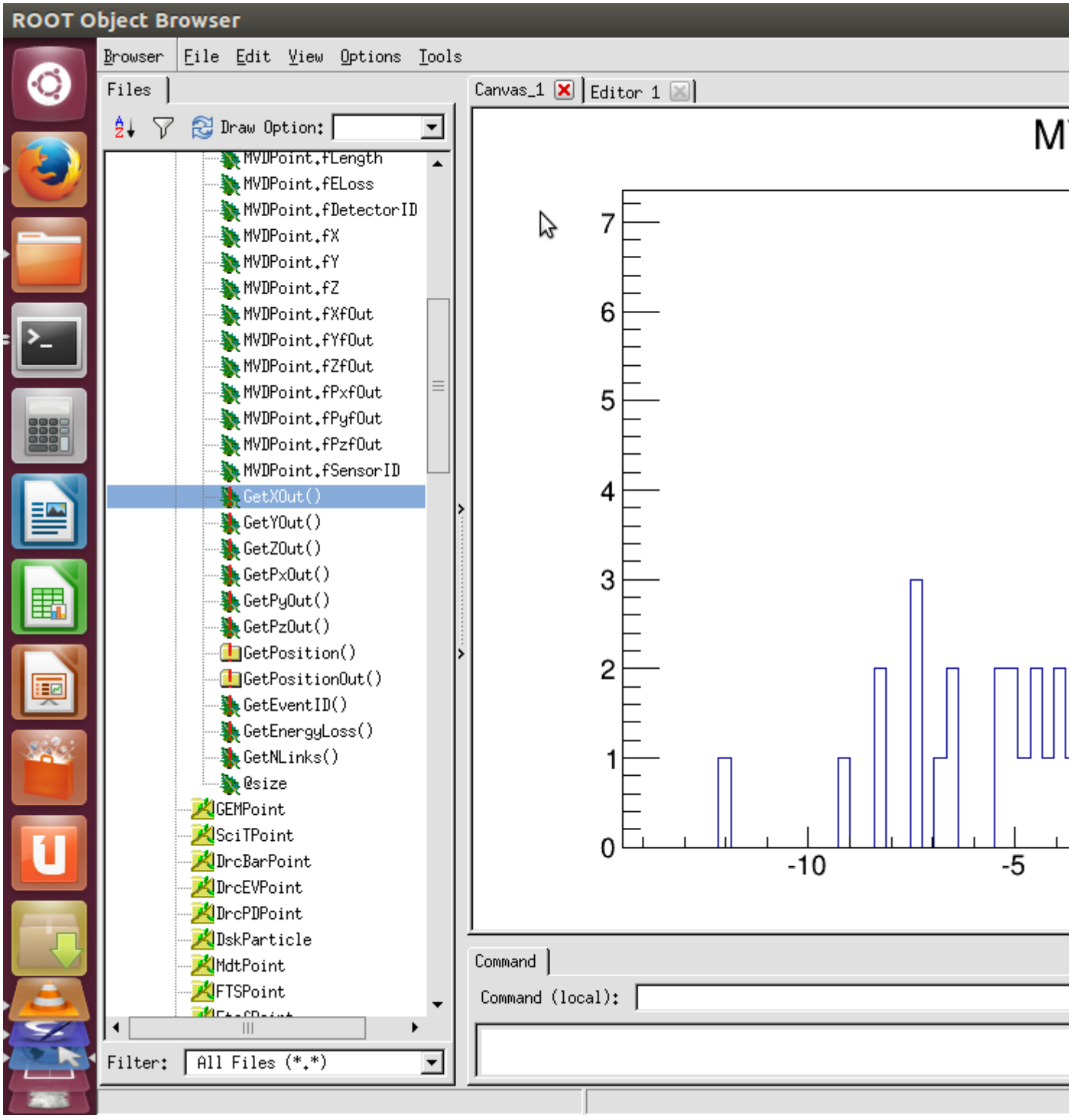
ajay@ajay-Vostro-1014:~/pandaroot/PANDA_DATA/3GeV$ root -l sim_complete.root
root [0]
Attaching file sim_complete.root as _file0...
Error in <TClonesArray::SetClass>: called with a null pointer
root [1]

When I open the files in the root browser, these are opening normally but with red exclamation over the branch leaves.

Is this exclamation denotes the some errors in root files while histogram are there respective to leaves?
I have attached a png file of root browser here . Please have a look.

File Attachments

1) Screenshot from 2013-09-03 11:31:36.png, downloaded 1049 times



Subject: Re: Red Exclamation ! - Is it normal ?
Posted by StefanoSpataro on Tue, 03 Sep 2013 06:43:57 GMT
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The exclamation marks denote functions in the tree and not data members. They are normal.

I don't understand your:

Error in <TClonesArray::SetClass>: called with a null pointer

Are you sure your sim macro finished succesfully?

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Ajay Kumar on Tue, 03 Sep 2013 06:56:16 GMT
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Hello Stefeno,

Yes , It finished successfully but with one initial error. I have post here first and last part of terminal output. Please have a look on this.

ajay@ajay-Vostro-1014:~/pandaroot/PANDA_DATA/3GeV$ root -l sim_complete.C
root [0]
Processing sim_complete.C...
FairRootManager::OpenOutFile("sim_complete.root")
[INFO] Media file used : /home/ajay/pandaroot/geometry/media_pnd.geo
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
Error in <TClonesArray::SetClass>: called with a null pointer
-I container name PndEmcGeoPar
<I> PndEvtGenDirect
.....
.....
.....
[INFO] *** PndGeoFtsPar written to ROOT file version: 1
[INFO] *** PndRichGeoPar written to ROOT file version: 1
[INFO] *** PndGeoSciTPar written to ROOT file version: 1
[INFO] *** PndGeoFtofPar written to ROOT file version: 1
RealTime=84.063709 seconds, CpuTime=82.180000 seconds
Test passed
All ok
(int)1398127744

I am using this version of pandaroot-

URL: https://subversion.gsi.de/fairroot/pandaroot/trunk
Repository Root: https://subversion.gsi.de/fairroot
Repository UUID: 0381ead4-6506-0410-b988-94b70fbc4730
Revision: 21574
Node Kind: directory
Schedule: normal
Last Changed Author: dimam
Last Changed Rev: 21574
Last Changed Date: 2013-09-03 00:38:16 +0530 (Tue, 03 Sep 2013)

Thanks

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Ajay Kumar on Tue, 03 Sep 2013 08:12:43 GMT
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Hello ..

I have also run old macro inside the folder /macro/mvd/TimeOrderedSim getting same problem.

```
ajay@ajay-Vostro-1014:~/pandaroot/macro/mvd/TimeOrderedSim$ root -l
run_sim_sttcombi_dpm.C
root [0]
Processing run_sim_sttcombi_dpm.C...
Error in <TClonesArray::SetClass>: called with a null pointer
Ext: par addon:  cut: 0 Truncated: Mvd_Sim
FairRootManager::OpenOutFile("Mvd_Sim.root")
[INFO   ] Media file used : /home/ajay/pandaroot/geometry/media_pnd.geo
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
 -I container name PndEmcGeoPar
<I> PndDpmDirect initialization
<I> Momentum  = 5
<I> Seed      = 1.92235e+09
<I> Mode      = 1
<I> Theta min = 2
 Tmin= -3.04495133E-02 Tmax=  -7.7836609
 sig_col  3.95907741E-03
 sig_inter  0.41664422     sig_iexact -2.43103430E-02
 sig_had_el   20.359825
 sig_had_p   13.508554
[INFO   ] ==============  FairRunSim: Initialising simulation run ==============
Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry create
.........
......
......
PndEmcHitProducer::FinishTask
*********************************************************
Read points # 115660
Produc hits# 465, threshold# 1e-06
Hits above threshhod#185
*********************************************************
RealTime=81.542956 seconds, CpuTime=81.160000 seconds
(int)54


jay@ajay-Vostro-1014:~/pandaroot/macro/mvd/TimeOrderedSim$ root -l Mvd_Sim.root
root [0]
Attaching file Mvd_Sim.root as _file0...
Error in <TClonesArray::SetClass>: called with a null pointer
root [1]
```

Help is needed

Thanks

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Radoslaw Karabowicz on Tue, 03 Sep 2013 11:19:46 GMT
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The
Error in <TClonesArray::SetClass>: called with a null pointer
is removed when you comment out EMC.

I think Dima's recent commits broke something.

yours
radek

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Ajay Kumar on Tue, 03 Sep 2013 11:56:53 GMT
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Hi Radek,

Yes, The error has gone after comment out EMC from the simulation macro.
But now my all old root file having this error.

Should I restore the previous pandaroot version again?

Thanks

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Radoslaw Karabowicz on Tue, 03 Sep 2013 12:07:11 GMT
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I believe you can use version 21557 or previous ones.
Or wait a bit for necessary fixes to be implemented.

yours
radek

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Ajay Kumar on Wed, 04 Sep 2013 06:23:10 GMT
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Hi all,

After going back to my previous pandaroot revision no. 20289, having exactly same problem.

Error in <TClonesArray::SetClass>: called with a null pointer

Again I updated my pandaroot directory to check the whethear problem is fixed or not now. still I am having that.

PANDAROOT version:-
URL: https://subversion.gsi.de/fairroot/pandaroot/trunk
Repository Root: https://subversion.gsi.de/fairroot
Repository UUID: 0381ead4-6506-0410-b988-94b70fbc4730
Revision: 21585
Node Kind: directory
Schedule: normal
Last Changed Author: karavdina
Last Changed Rev: 21585
Last Changed Date: 2013-09-03 23:24:21 +0530 (Tue, 03 Sep 2013)

Also I commented out the EMC from my sim macro but now this error coming with parameter file instead of simulation root file.

My old root file is responding same.

What should I do?

Thanks

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by StefanoSpataro on Wed, 04 Sep 2013 08:25:13 GMT
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The correct version for EMC is 21557, but in your stat:

Revision: 21585
...
Last Changed Rev: 21585

You are not using the correct revision.

Go to the emc folder and do:

svn update -r 21557

or do a "svn info" inside the EMC folder.

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Ajay Kumar on Wed, 04 Sep 2013 09:54:14 GMT
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Thank you Stefano,

That was the problem exactly.

But I have a simple question, if we do the svn update inside pandaroot directory it should update most corrected version of all content inside the folder.

Is it like this ?

If yes.then why we have to go on previous version?

else
.....
.....

Thanks

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by StefanoSpataro on Wed, 04 Sep 2013 10:03:43 GMT
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Ajay Kumar wrote on Wed, 04 September 2013 11:54 But I have a simple question, if we do the svn update inside pandaroot directory it should update most corrected version of all content inside the folder.

Is it like this ?

If yes.then why we have to go on previous version?

Radek Karabowicz wrote on Tue, 03 September 2013 14:07I believe you can use version 21557 or previous ones.
Or wait a bit for necessary fixes to be implemented.

You decided to not wait for the fix, then you have to go to an older versiom.

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by Shyam Kumar on Tue, 08 Oct 2013 10:57:18 GMT
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Hi stefano,
root -l sim_complete.root
Error in <TClonesArray::SetClass>: called with a null pointer

This error I also have got after updating Is it will affect the data? or just we can ignore it.

Subject: Re: Red Exclamation ! - Is it normal ?
Posted by StefanoSpataro on Tue, 08 Oct 2013 12:03:18 GMT
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For the moment ignore it, Jifeng should fit is sooner or later.