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Subject: Re: Meaning of Core dump due to Geane application at rec. part  
Posted by [donghee](#) on Fri, 27 May 2011 10:00:36 GMT

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Hallo Stefano,

I'm testing the pandaroot may11 version with some modification(enc mode).

Few sim and digi file are produced with 1000 events at PBS system.  
and then I'm going to reco part. I'm using quite standard code.  
I have some crash due to geane application before initialization of pndlheHitmaker.

Quote:

-I- PndLheHitsMaker::Init ( this must to be appeared when reco macro works.)

Instead of sucessful I have now below error and go out of program.

Quote:

```
[FATAL ] Initialization of Task Geane Application failed fatally  
[FATAL ] We stop the execution of the process at this point.  
[FATAL ] For later analysis we write a core dump to core_dump_17535
```

But if I try same thing in my local machine, reco part doesn't show any error.

So, I assume that PANDArOOT itself doesn't have any problem, since some files can also be run without such kind of error message. Only part of files are related with those problem.

If I know the meaning of above part, I can get some feeling where should be wrong in my farm machine.

cheers, donghee

Quote:

```
>./submit_test_submit_rec_99.sh  
Processing /home/kang/GSI/pandaroot/macro/dvcs/run/enc_gendvcs_dvcs/My_enc_dvcs_rec  
.C( "test_submit/Panda_event_2_1_99", 100)...  
Add file name :  
/home/kang/GSI/pandaroot/macro/dvcs/data/test_submit/Panda_event_2_1_99_sim.root  
Add file name :
```

/home/kang/GSI/pandaroot/macro/dvcs/data/test\_submit/Panda\_event\_2\_1\_99\_dig.root  
FairGeane!!!  
Info in (PndGeoHandling::Instance): Making a new instance using the framework.  
Before Hit maker!!!  
Before finder!!!  
Before fitter!!!  
Before kalman!!!  
Before kalman!!!

[INFO ] The input consists out of the following trees and files:  
[INFO ] - cbmsim  
[INFO ] - /home/kang/GSI/pandaroot/macro/dvcs/data/test\_submit/Panda\_event\_2\_1\_99\_sim.root  
[INFO ] - FriendTree\_1  
[INFO ] - /home/kang/GSI/pandaroot/macro/dvcs/data/test\_submit/Panda\_event\_2\_1\_99\_dig.root  
[INFO ] Geometry was not found in the input file we will look in the friends if any!  
[INFO ] The number of entries in chain is 1000

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initialisation for run id 600012391

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Info in <TGeoManager::TGeoManager>: Geometry Geometry, default geometry created  
Warning in <TGeoManager::Init>: Deleting previous geometry: Geometry/default geometry  
Info in <TGeoManager::CloseGeometry>: Geometry loaded from file...  
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave  
Info in <TGeoManager::Voxelize>: Voxelizing...  
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100  
Info in <TGeoManager::CloseGeometry>: 463899 nodes/ 1961 volume UID's in FAIR geometry  
Info in <TGeoManager::CloseGeometry>: -----modeler ready-----  
Container FairBaseParSet initialized from ROOT file.  
-l container name PndGeoSttPar

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initialisation for run id 600012391

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Container PndSensorNamePar initialized from ROOT file.  
[ERROR ] init() PndGeoSttPar not initialized  
Error in <FairRuntimeDb::initContainers(>: Error occured during initialization  
PndFieldCreator::SetParm() 0xb8cd800

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initialisation for run id 600012391

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[ERROR ] init() PndGeoSttPar not initialized  
Container PndMultiFieldPar initialized from ROOT file.  
Error in <FairRuntimeDb::initContainers(>: Error occured during initialization  
OBJ: PndTransPar PndTransPar Trans. Field parameter container  
OBJ: PndDipole1Par PndDipole1Par Dipole Field parameter container  
OBJ: PndDipole2Par PndDipole2Par Dipole Field parameter container  
OBJ: PndSolenoid1Par PndSolenoid1Par Solenoid 1st region parameter container  
OBJ: PndSolenoid2Par PndSolenoid2Par Solenoid 2nd region parameter container

```

OBJ: PndSolenoid3Par PndSolenoid3Par Solenoid 3rd region parameter container
OBJ: PndSolenoid4Par PndSolenoid4Par Solenoid 4th region parameter container
-l- PndFieldMap::Init: 2nd noenc
-l- PndFieldMap::Init: existed ENC map name = (noenc)
-l- PndFieldMap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/TransMap.1500.root
-l- PndFieldMap::Init: 2nd noenc
-l- PndFieldMap::Init: existed ENC map name = (noenc)
-l- PndFieldMap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/DipoleMap1.1500.root
-l- PndFieldMap::Init: 2nd noenc
-l- PndFieldMap::Init: existed ENC map name = (noenc)
-l- PndFieldMap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/DipoleMap2.1500.root
-l- PndFieldMap::Init: existed ENC map name = (SolenoidMap1_enc)
-l- PndFieldMap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/SolenoidMap1.root
-l- ENC Fieldmap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/SolenoidMap1_enc.root
-l- PndFieldMap::Init: existed ENC map name = (SolenoidMap2_enc)
-l- PndFieldMap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/SolenoidMap2.root
-l- ENC Fieldmap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/SolenoidMap2_enc.root
-l- PndFieldMap::Init: 2nd noenc
-l- PndFieldMap::Init: existed ENC map name = (noenc)
-l- PndFieldMap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/SolenoidMap3.root
-l- PndFieldMap::Init: 2nd noenc
-l- PndFieldMap::Init: existed ENC map name = (noenc)
-l- PndFieldMap: Reading field map from ROOT file
/home/kang/GSI/pandaroot/input/SolenoidMap4.root
-----FairGeane::Init ()-----
Loading Geant3 libraries ...
Loading Geant3 libraries ... finished

```

MZSTOR. ZEBRA table base TAB(0) in /MZCC/ at adr 554592759 210E69F7 HEX

```

MZSTOR. Initialize Store 0 in /GCBANK/
      with Store/Table at absolute adrs 554615797 554592759
      HEX 210EC3F5 210E69F7
      HEX 560A 0
      relative adrs 22026 0
      with 1 Str. in 2 Links in 5300 Low words in 4999970 words.
      This store has a fence of 16 words.

```

```

MZLOGL. Set Log Level 0 for store 0
1***** GEANT Version 3.21/11 Released on 100298
0***** Correction Cradle Version 0.1100

```

```

MZDIV. Initialize Division Constant in Store 0
      NW/NWMAX= 2000400000, MODE/KIND= 1 2

```





