Subject: [OBSOLETE] run_sim_tpcorsttcombi.C
Posted by nakulphy on Tue, 25 Mar 2014 18:18:52 GMT
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hello all

I am trying to reproduce the data in master thesis Simulation of)decays using the pandaroot framework by Martin Galuska but in the simulation file the detector tpc.geo is not found in /pandaroot/geometry in pandaroot with the revision 24201.

but when I removed the tpc detector there were the problem with the initialization and it gives

```
nakul@linux-kqx4:~/pandaroot/x3872/me> root -l run_sim_tpcorsttcombi.C
root [0]
Processing nakul.C...
TPCorSTT is set to tpc
Geant version is set to TGeant3
FairRootManager::OpenOutFile("points_tpccombi.root")
[INFO   ] Media file used : /home/nakul/pandaroot/trunk/geometry/media_pnd.geo
Use detector with TPC setup.???
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
 -I container name PndEmcGeoPar
TypeOfSimulation is: Background
<I> PndDpmDirect initialization
<I> Momentum  = 6.991
<I> Seed      = 123456
<I> Mode      = 0
<I> Theta min = 2
[INFO   ] ==============  FairRunSim: Initialising simulation run ==============
Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry created
-I- FairGeoMedia  Read media
 -I container name PndEmcDigiPar
 -I container name PndEmcDigiNonuniformityPar

************************************************************
    initialisation for run id 2103825461
************************************************************
[ERROR  ] init() PndEmcGeoPar  not initialized
[ERROR  ] init() PndSensorNamePar  not initialized
PndEmcDigiPar initialized from Ascii file
[ERROR  ] init() PndEmcDigiNonuniformityPar  not initialized
Error in <FairRuntimeDb::initContainers()>: Error occured during initialization
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/TransMap.0890.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/DipoleMap1.0890.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/DipoleMap2.0890.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap1.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap2.root
```

```
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap3.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap4.root
[INFO   ] ---------- Standard Config is called ----------------------------------
Loading Geant3 libraries ...
Loading Geant3 libraries ... finished

 MZSTOR.  ZEBRA table base TAB(0) in /MZCC/ at adr   997100607    3B6E8C3F HEX

 MZSTOR.  Initialize Store  0  in /GCBANK/
        with Store/Table at absolute adrs   997209861   997100607
                                  HEX    3B703705    3B6E8C3F
                                  HEX       1AB2A           0
                         relative adrs      109354           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=   20004000000,  MODE/KIND=  1  2
        Division 20 initialized.

 MZLINK.  Initialize Link Area  /GCLINK/  for Store  0 NL/NS=    20    20

 MZLINK.  Initialize Link Area  /GCSLNK/  for Store  0 NL/NS=   100   100
-I- G3Config: Geant3 with TGeo has been created.
SetCuts Macro: Setting Processes..
SetCuts Macro: Setting cuts..
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
<I> PndPipe - Using default geometry
fwendcap & bwendcap flags == 1 / 1

 ====== EMC 2)::  ConstructASCIIGeometry() ===
 ============================================
PndEmcReader: EMC geometry file ==
/home/nakul/pandaroot/trunk/geometry/emc_module12.dat
Emc module = 1
********
Emc module = 2
********

 ====== EMC::  ConstructRootGeometry() m3a ===
 ============================================
File name = /home/nakul/pandaroot/trunk/geometry/emc_module3new.root

 ====== EMC::  ConstructRootGeometry() m4a ===
 ============================================
```

fgeoName3:: /home/nakul/pandaroot/trunk/geometry/emc_module4_StraightGeo24.4.root
File name Bw1= /home/nakul/pandaroot/trunk/geometry/emc_module4_StraightGeo24.4.root

 ====== EMC:: ConstructRootGeometry() m5a ===
 ==
fgeoName4:: /home/nakul/pandaroot/trunk/geometry/emc_module5_fsc.root
File name Fsc= /home/nakul/pandaroot/trunk/geometry/emc_module5_fsc.root

 ======= DRC:: ConstructGeometry() ========
 ==
Focusing = 0
 ==
 -I container name PndGeoFtsPar
BBBB->36
cccc->13793
Info in <TGeoManager::CheckGeometry>: Fixing runtime shapes...
Info in <TGeoManager::CheckGeometry>: ...Nothing to fix
Info in <TGeoManager::CloseGeometry>: Counting nodes...
Info in <TGeoManager::Voxelize>: Voxelizing...
Info in <TGeoManager::CloseGeometry>: Building cache...
Info in <TGeoManager::CountLevels>: max level = 12, max placements = 4896
Info in <TGeoManager::CloseGeometry>: 1986573 nodes/ 3524 volume UID's in FAIR geometry
Info in <TGeoManager::CloseGeometry>: ----------modeler ready----------
 ==
 ======= DRC:: ConstructOpticalGeometry() ========
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface MirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface MirrSurface. Not applicable in Geant3 - setting is ignored.
fbarnum = -999
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface EVSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVAirSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface EVSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface PDSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVPDSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface PDSurface. Not

```
applicable in Geant3 - setting is ignored.
 =======  DRC::ConstructOpGeometry -> Finished! ======
 -I- Initializing PndSdsDetector()
[INFO   ] Branch: MVDPoint not registered!
-W- PndSdsDetector: New branch MVDPoint created!

**********************************************************
PndEmc::SetSpecialPhysicsCuts():
   using special physics cuts ...
**********************************************************
 -I- Initializing PndGemDetector()
 -I- PndDrc: Intialization started...
 -I- PndDrc: Switching OFF Cherenkov Propagation
DRC parameters: fpi = 3.14159, fzup = -120, fbarnum = 5, flside = 16.6323
bar 1 id = 3406
lens1ID = 3406, flens2ID = 3406, lens3ID = 3406
pd id = 3411
bbox id = 3409
EV id = 3410
 -I- PndDrc: Intialization successfull
 -I- Initializing PndFts()
[INFO   ] Initialize Tasks-------------------------
 INITIALIZATION **********************
Not found tci for index = 229000010 in PndEmcStructure
nakul@linux-kqx4:~/pandaroot/x3872/me>
```

and when I take the detector as in the apr13 tutorial it gives (I may be wrong in doing so....)

```
nakul@linux-kqx4:~/pandaroot/x3872/me> root -l run_sim_tpcorsttcombi.C
root [0]
Processing run_sim_tpcorsttcombi.C...
TPCorSTT is set to tpc
Geant version is set to TGeant3
FairRootManager::OpenOutFile("points_tpccombi.root")
[INFO   ] Media file used : /home/nakul/pandaroot/trunk/geometry/media_pnd.geo
Info in (PndGeoHandling::Instance): Making a new instance using the framework.
 -I container name PndEmcGeoPar
TypeOfSimulation is: Background
<I> PndDpmDirect initialization
<I> Momentum  = 6.991
<I> Seed      = 123456
<I> Mode      = 0
<I> Theta min = 2
[INFO   ] ==============  FairRunSim: Initialising simulation run ==============
Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry created
-I- FairGeoMedia  Read media
 -I container name PndEmcDigiPar
 -I container name PndEmcDigiNonuniformityPar
```

```
************************************************************
    initialisation for run id 1914675557
************************************************************
[ERROR  ] init() PndEmcGeoPar  not initialized
[ERROR  ] init() PndSensorNamePar  not initialized
PndEmcDigiPar initialized from Ascii file
[ERROR  ] init() PndEmcDigiNonuniformityPar  not initialized
Error in <FairRuntimeDb::initContainers()>: Error occured during initialization
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/TransMap.0890.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/DipoleMap1.0890.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/DipoleMap2.0890.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap1.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap2.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap3.root
[INFO   ] PndFieldMap: Reading field map from ROOT file
/home/nakul/pandaroot/trunk/input/SolenoidMap4.root
[INFO   ] ---------- Standard Config is called ----------------------------------
Loading Geant3 libraries ...
Loading Geant3 libraries ... finished

 MZSTOR.  ZEBRA table base TAB(0) in /MZCC/ at adr   334277695    13ECAC3F HEX

 MZSTOR.  Initialize Store  0  in /GCBANK/
        with Store/Table at absolute adrs   334386949   334277695
                                HEX    13EE5705    13ECAC3F
                                HEX       1AB2A           0
                        relative adrs      109354           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=   20004000000,  MODE/KIND=  1  2
        Division 20 initialized.

 MZLINK.  Initialize Link Area  /GCLINK/  for Store  0 NL/NS=    20    20

 MZLINK.  Initialize Link Area  /GCSLNK/  for Store  0 NL/NS=   100   100
-I- G3Config: Geant3 with TGeo has been created.
SetCuts Macro: Setting Processes..
SetCuts Macro: Setting cuts..
Info in <TGeoManager::SetTopVolume>: Top volume is cave. Master volume is cave
```

```
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
<I> PndPipe - Using geometry /home/nakul/pandaroot/trunk/geometry/beampipe_201112.root
 -I container name PndGeoSttPar
fwendcap & bwendcap flags == 1 / 1

 ====== EMC 2)::  ConstructASCIIGeometry() ===
 ============================================
PndEmcReader: EMC geometry file ==
/home/nakul/pandaroot/trunk/geometry/emc_module12.dat
Emc module = 1
********
Emc module = 2
********

 ====== EMC::  ConstructRootGeometry() m3a ===
 ============================================
File name = /home/nakul/pandaroot/trunk/geometry/emc_module3_2012_new.root

 ====== EMC::  ConstructRootGeometry() m4a ===
 ============================================
fgeoName3:: /home/nakul/pandaroot/trunk/geometry/emc_module4_StraightGeo24.4.root
File name Bw1= /home/nakul/pandaroot/trunk/geometry/emc_module4_StraightGeo24.4.root

 ====== EMC::  ConstructRootGeometry() m5a ===
 ============================================
fgeoName4:: /home/nakul/pandaroot/trunk/geometry/emc_module5_fsc.root
File name Fsc= /home/nakul/pandaroot/trunk/geometry/emc_module5_fsc.root

 =======  DRC::  ConstructGeometry()  ========
 ============================================
Focusing = 0
 ============================================
 -I container name PndGeoFtsPar
BBBB->36
cccc->13793
Info in <TGeoManager::CheckGeometry>: Fixing runtime shapes...
Info in <TGeoManager::CheckGeometry>: ...Nothing to fix
Info in <TGeoManager::CloseGeometry>: Counting nodes...
Info in <TGeoManager::Voxelize>: Voxelizing...
Info in <TGeoManager::CloseGeometry>: Building cache...
Info in <TGeoManager::CountLevels>: max level = 12, max placements = 4896
Info in <TGeoManager::CloseGeometry>: 2000971 nodes/ 5722 volume UID's in FAIR
geometry
Info in <TGeoManager::CloseGeometry>: ----------------modeler ready----------------
 ================================================
 =======  DRC::  ConstructOpticalGeometry()  ========
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface MirrSurface. Not applicable
in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not
applicable in Geant3 - setting is ignored.
```

```
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface  MirrSurface. Not applicable in Geant3 - setting is ignored.
fbarnum = -999
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface EVSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVAirSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface  EVSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface PDSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVPDSurface. Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface  PDSurface. Not applicable in Geant3 - setting is ignored.
 =======  DRC::ConstructOpGeometry -> Finished! ======
 -I- Initializing PndSdsDetector()
[INFO   ] Branch: MVDPoint not registered!
-W- PndSdsDetector: New branch MVDPoint created!
 -I- Initializing PndGemDetector()

************************************************************
PndEmc::SetSpecialPhysicsCuts():
   using special physics cuts ...
************************************************************
 -I- PndDrc: Intialization started...
 -I- PndDrc: Switching OFF Cherenkov Propagation
DRC parameters: fpi = 3.14159, fzup = -120, fbarnum = 5, flside = 16.6323
bar 1 id = 5156
lens1ID = 5156, flens2ID = 5156, lens3ID = 5156
pd id = 5161
bbox id = 5159
EV id = 5160
 -I- PndDrc: Intialization successfull
 -I- Initializing PndFts()
[INFO   ] Initialize Tasks-------------------------
 INITIALIZATION **********************
-I- PndEmcHitProducer: Intialization successfull
[INFO   ] Simulation RunID: 1914675557

 Calculating cross section tables, see gphysi.dat for more information

 Cross section calculation concluded successfully
[INFO   ] Monte carlo Engine Initialisation  with : TGeant3TGeo
[INFO   ] ***  PndEmcGeoPar written to ROOT file   version: 1
[INFO   ] ***  PndSensorNamePar written to ROOT file   version: 1
```

```
[INFO   ] ***  PndEmcDigiPar written to ROOT file   version: 1
[INFO   ] ***  PndEmcDigiNonuniformityPar written to ROOT file   version: 1
[INFO   ] ***  FairBaseParSet written to ROOT file   version: 1
[INFO   ] ***  PndMultiFieldPar written to ROOT file   version: 1
[INFO   ] ***  PndGeoPassivePar written to ROOT file   version: 1
[INFO   ] ***  PndGeoSttPar written to ROOT file   version: 1
[INFO   ] ***  PndGeoFtsPar written to ROOT file   version: 1
  ------------------------------------------------------------------------ --------
--------------  actual containers in runtime database  ------------------------
PndEmcGeoPar                          Emc Geometry Parameters
PndSensorNamePar                        Match between GeoManager path and SensorId
PndEmcDigiPar                        Emc Digitalization Parameters
PndEmcDigiNonuniformityPar                Emc Nonuniformity Parameters
FairBaseParSet                       class for parameter io
PndMultiFieldPar                     Multiple Field parameter container
PndTransPar                          Trans. Field parameter container
PndDipole1Par                        Dipole Field parameter container
PndDipole2Par                        Dipole Field parameter container
PndSolenoid1Par                       Solenoid 1st region parameter container
PndSolenoid2Par                       Solenoid 2nd region parameter container
PndSolenoid3Par                       Solenoid 3rd region parameter container
PndSolenoid4Par                       Solenoid 4th region parameter container
PndGeoPassivePar                        Passive Geometry Parameters
PndGeoSttPar                         Stt Geometry Parameters
PndGeoFtsPar                         Fts Geometry Parameters
--------------  runs, versions  ----------------------------------------------
run id
  container                          1st-inp    2nd-inp    output
run: 1914675557
  PndEmcGeoPar                          1914675557        -1         1
  PndSensorNamePar                        1914675557        -1         1
  PndEmcDigiPar                             1         -1         1
  PndEmcDigiNonuniformityPar                1914675557        -1         1
  FairBaseParSet                       1914675557        -1         1
  PndMultiFieldPar                     1914675557        -1         1
  PndTransPar                          1914675557        -1         0
  PndDipole1Par                        1914675557        -1         0
  PndDipole2Par                        1914675557        -1         0
  PndSolenoid1Par                       1914675557        -1         0
  PndSolenoid2Par                       1914675557        -1         0
  PndSolenoid3Par                       1914675557        -1         0
  PndSolenoid4Par                       1914675557        -1         0
  PndGeoPassivePar                        1914675557        -1         1
  PndGeoSttPar                         1914675557        -1         1
  PndGeoFtsPar                         1914675557        -1         1
--------------  input/output  ------------------------------------------------
first Input:
Ascii I/O /home/nakul/pandaroot/trunk/macro/params/all.par is open
detector I/Os:  FairGenericParIo
second input: none
output:
OBJ: FairParRootFile    params_tpccombi.root     : 0 at: 0x2362ee0
```

Root file I/O params_tpccombi.root is open
detector I/Os: FairGenericParIo
 **** GTRIGI: IEVENT=   1 IDEVT=   1 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 1) 4 primary tracks from vertex (0.041164, 0.057531, -0.625556) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   2 IDEVT=   2 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 2) 5 primary tracks from vertex (-0.146984, 0.036746, -0.314763) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   3 IDEVT=   3 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 3) 5 primary tracks from vertex (0.015610, 0.011733, 0.105003) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   4 IDEVT=   4 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 4) 6 primary tracks from vertex (0.040855, -0.029071, 0.099462) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   5 IDEVT=   5 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 5) 6 primary tracks from vertex (0.039660, -0.013778, -0.174028) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   6 IDEVT=   6 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 6) 7 primary tracks from vertex (-0.094980, -0.092367, 0.001769) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   7 IDEVT=   7 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 7) 9 primary tracks from vertex (0.091510, -0.232515, 0.088749) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   8 IDEVT=   8 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 11 primary tracks from vertex (-0.018343, -0.021289, -0.308367) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   9 IDEVT=   9 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 9) 8 primary tracks from vertex (0.140869, -0.057685, -0.188831) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
 **** GTRIGI: IEVENT=   10 IDEVT=   10 Random Seeds =   123456   0
[INFO   ] FairPrimaryGenerator: (Event 10) 8 primary tracks from vertex (-0.094318, -0.048934, 0.087990) Event Time = 0.000000 (ns)
 DIGI EXECUTION **********
Macro finished succesfully.
RealTime=77.994650 seconds, CpuTime=77.200000 seconds

Output file is points_tpccombi.root
(int)1737213856
root [1]

but still here there is the problem with the output .root file and when I tried to open that file it gives me the error

```
nakul@linux-kqx4:~/pandaroot/x3872/me> root points_tpccombi.root
 ****************************************
 *                                      *
 *      W E L C O M E  to  R O O T      *
 *                                      *
 *   Version   5.34/05  14 February 2013   *
 *                                      *
 *  You are welcome to visit our Web site  *
 *         http://root.cern.ch          *
 *                                      *
 ****************************************

ROOT 5.34/05 (tags/v5-34-05@48582, Oct 03 2013, 16:35:25 on linuxx8664gcc)

CINT/ROOT C/C++ Interpreter version 5.18.00, July 2, 2010
Type ? for help. Commands must be C++ statements.
Enclose multiple statements between { }.
root [0]
Attaching file points_tpccombi.root as _file0...
Error in <TClonesArray::SetClass>: called with a null pointer
root [1]
```

I am also attaching that file here.

Please help me out.

Thank you

File Attachments

1) points_tpccombi.root, downloaded 505 times

Subject: Re: run_sim_tpcorsttcombi.C
Posted by MartinJGaluska on Tue, 25 Mar 2014 18:41:04 GMT
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Have you tried to follow the advice which I gave you in this post?
https://forum.gsi.de/index.php?t=msg&th=4138&goto=16038&#msg _16038

Quote:
I suggest to use the macros from $VMCWORKDIR/macro/run as a basis for your files. You could do a diff of the macros I sent you with the macros in macro/run from the PandaRoot svn revision I used for my analysis (I quoted that number at some point in my Master thesis) to get an idea of the code I added to the standard macros and then you can apply similar changes to the current version of the macros in the PandaRoot revision you are using right now.

Subject: Re: run_sim_tpcorsttcombi.C
Posted by StefanoSpataro on Tue, 25 Mar 2014 20:35:34 GMT
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Quote:Error in <TClonesArray::SetClass>: called with a null pointer

This is a log message but the file should be readable.
However, please use macro/run macros, or read the tutorial in wiki and not some obsolete code.