
Subject: Combining Emc reconstruction and Geane
Posted by [Vanniarajan Suyam Jothi](#) on Wed, 07 May 2008 12:15:05 GMT
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I wanted to track from tpc to the Emc to catch the Emc Cluster Corresponding to the track using GeaneExEmc Johan's Example in tutorial.

I am getting following Error from CbmGeanePro

```
-I- PndTpcLheHitsMaker::Init: No EMC detector is used
-I- PndTpcLheHitsMaker::Init: Using MCTrack
-I- PndTpcLheTrackFitter1::Init: TpcPoint array! Switching simulation ON
-E- CbmRootManager Branch: PndMvdMCPoint not found in Tree
-E- CbmRootManager Branch: EmcCluster not found in Tree
```

```
Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 0xb70f26c0 (LWP 8812)]
0xb4c604b5 in CbmGeanePro (this=0x955ad30)
  at /home/vanni/fairsoft/pandaroot/geane/CbmGeanePro.cxx:37
37  afErtrio=gMC3->fErtrio;
Current language: auto; currently c++
```

I have followed Ralf and Andrea's suggestion to Change the CMakelist.txt

Add

```
* ${GEANT3_INCLUDE_DIR}
```

and starting a CbmGeane in my macro,

It was working fine.

now I want to Combine it with Emc Reconstruction part
hitProducer, Digitalisation, Make Cluster so on....

now I get the following Error in the Initialization

```
*****
initialisation for run id 1133892975
*****
-I- PndMvdDetector: fListOfSensitives contains:
Disk-Sensor
Barrel-Sensor
StripSensor
SensorActiveArea
StripActive
PixelActive
```

```
Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 0xb71226c0 (LWP 10471)]
0xb4a03344 in delete_PndGeoEmcPar (p=0x14d1b1)
  at /home/vanni/fairsoft/build/emc/PndEmcDict.cxx:2744
warning: Source file is more recent than executable.
2744     delete ((::PndGeoEmcPar*)p);
Current language: auto; currently c++
(gdb) list
2739     static void *newArray_PndGeoEmcPar(Long_t nElements, void *p) {
2740         return p ? new(p) ::PndGeoEmcPar[nElements] : new ::PndGeoEmcPar[nElements];
2741     }
2742     // Wrapper around operator delete
2743     static void delete_PndGeoEmcPar(void *p) {
2744         delete ((::PndGeoEmcPar*)p);
2745     }
2746     static void deleteArray_PndGeoEmcPar(void *p) {
2747         delete [] ((::PndGeoEmcPar*)p);
2748     }
(gdb) continue
Continuing.
```

```
*** Break *** segmentation violation
Attaching to program: /proc/10471/exe, process 10471
ptrace: Operation not permitted.
/home/vanni/pidmacro/10471: No such file or directory.
error detected on stdin
```

It is not clear, if the Problem is in the Emc or in the Geane, as both of them are working nicely individually.

Cheers,
Vanni