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Subject: problems with last r14811

Posted by [Dmitry Morozov](#) on Tue, 06 Mar 2012 12:49:50 GMT

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Hello,

After update to rev 14811 (-weffc++ fix part 2) I could not run the simulation of feb12 tutorial. Here I'm using 64 bit ubuntu 11.10 and previous externals (may11). But this bug is the same on another 64 bit machine running Fedora 16 with jan12 externals.

```
freez@freez:~/fairsoft/pandaroot/trunk/tutorials/feb12$ root run_sim_sttcombi_evtgen.C
```

```
*****
*                                     *
*   W E L C O M E  t o  R O O T      *
*                                     *
*   Version   5.29/02   21 April 2011 *
*                                     *
*   You are welcome to visit our Web site *
*   http://root.cern.ch                *
*                                     *
*****
```

```
ROOT 5.29/02 (tags/v5-29-02@39003, De 20 2011, 22:31:00 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]
```

```
Processing run_sim_sttcombi_evtgen.C...
```

```
dlopen error: /home/freez/pandaroot_build/lib/libEmc.so: undefined symbol:
```

```
_ZN26PndEmcPSAMatchedDigiFilter11ShowMembersER16TMemberInspector
```

```
Load Error: Failed to load Dynamic link library /home/freez/pandaroot_build/lib/libEmc.so
(int)(-1)
```

After that I tried to rollback to rev14810, the sim macro went ok, but it sigfaulted in digi part:

```
freez@freez:~/fairsoft/pandaroot/trunk/tutorials/feb12$ root run_digi_sttcombi.C
```

```
*****
*                                     *
*   W E L C O M E  t o  R O O T      *
*                                     *
*   Version   5.29/02   21 April 2011 *
*                                     *
*   You are welcome to visit our Web site *
*   http://root.cern.ch                *
*                                     *
*****
```

```
ROOT 5.29/02 (tags/v5-29-02@39003, De 20 2011, 22:31:00 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]

Processing run\_digi\_sttcombi.C...

Info in (PndGeoHandling::Instance): Making a new instance using the framework.

Info in <PndSdsHybridHitProducer::PndSdsHybridHitProducer>: MVD Hybrid Hit Producer created, Parameters will be taken from RTDB

[INFO ] The input consists out of the following trees and files:

[INFO ] - cbmsim

[INFO ] - points\_sttcombi.root

[INFO ] Parameter and input file are available, Assure that basic info is there for the run!

[INFO ] The number of entries in chain is 100

[INFO ] Branch: EventHeader. not found in Tree

[INFO ] Branch: EventHeader. not found in Tree

[INFO ] No event Header was found!!!

[INFO ] Branch: EventHeader. not found in Tree

[INFO ] Branch: EventHeader. not found in Tree

\*\*\*\*\*

initialisation for run id 311318136

\*\*\*\*\*

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>: 2015817 nodes/ 5738 volume UID's in FAIR geometry

Info in <TGeoManager::CloseGeometry>: -----modeler ready-----

Container FairBaseParSet initialized from ROOT file.

-I container name PndGeoSttPar

Info in <PndMvdStripHitProducer::SetParContainers()>: The container names list contains 10 entries

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDPixelDigiPar

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripDigiParRect

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripDigiParTrap

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripDigiParTD

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripDigiParTS

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDPixelTotDigiPar

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripTotDigiParRect

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripTotDigiParTrap

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripTotDigiParTD

Info in <PndMvdStripHitProducer::SetParContainers()>: MVDStripTotDigiParTS

Info in <PndMvdStripClusterTask::SetParContainers()>: The container names list contains 10 entries

Info in <PndMvdStripClusterTask::SetParContainers()>: MVDPixelDigiPar

Info in <PndMvdStripClusterTask::SetParContainers()>: MVDStripDigiParRect

Info in <PndMvdStripClusterTask::SetParContainers()>: MVDStripDigiParTrap

Info in <PndMvdStripClusterTask::SetParContainers()>: MVDStripDigiParTD

```
Info in <PndMvdStripClusterTask::SetParContainers(>: MVDStripDigiParTS
Info in <PndMvdStripClusterTask::SetParContainers(>: MVDPixelTotDigiPar
Info in <PndMvdStripClusterTask::SetParContainers(>: MVDStripTotDigiParRect
Info in <PndMvdStripClusterTask::SetParContainers(>: MVDStripTotDigiParTrap
Info in <PndMvdStripClusterTask::SetParContainers(>: MVDStripTotDigiParTD
Info in <PndMvdStripClusterTask::SetParContainers(>: MVDStripTotDigiParTS
-I container name PndEmcGeoPar
-I container name PndEmcDigiPar
-I container name PndEmcRecoPar
pndgeoftspar: prima
-I container name PndGeoFtsPar
dopo#####
```

```
*****
```

initialisation for run id 311318136

```
*****
```

```
Container PndGeoSttPar initialized from ROOT file.
Container PndSensorNamePar initialized from ROOT file.
MVDPixelDigiPar initialized from Ascii file
MVDPixelTotDigiPar initialized from Ascii file
MVDStripDigiParRect initialized from Ascii file
MVDStripDigiParTrap initialized from Ascii file
MVDStripDigiParTD initialized from Ascii file
MVDStripDigiParTS initialized from Ascii file
MVDStripTotDigiParRect initialized from Ascii file
MVDStripTotDigiParTrap initialized from Ascii file
MVDStripTotDigiParTD initialized from Ascii file
MVDStripTotDigiParTS initialized from Ascii file
Container PndEmcGeoPar initialized from ROOT file.
Container PndEmcDigiPar initialized from ROOT file.
PndEmcRecoPar initialized from Ascii file
[ERROR ] init() PndMdtRecoPar not initialized
Gem_Disk1_Gem1_Sensor_kapton type 0 has 786 front and 4250 back channels
Gem_Disk1_Gem6_Sensor_kapton type 2 has 4750 front and 9000 back channels
Gem_Disk2_Gem1_Sensor_kapton type 0 has 786 front and 4250 back channels
Gem_Disk2_Gem6_Sensor_kapton type 2 has 4750 front and 9000 back channels
Gem_Disk3_Gem1_Sensor_kapton type 0 has 786 front and 5350 back channels
Gem_Disk3_Gem6_Sensor_kapton type 2 has 5850 front and 11200 back channels
Gem_Disk4_Gem1_Sensor_kapton type 0 has 786 front and 7150 back channels
Gem_Disk4_Gem6_Sensor_kapton type 2 has 7650 front and 14800 back channels
PndGemDetectors initialized from Ascii file
```

\*\*\* Break \*\*\* segmentation violation

At Fedora 16 it is also segfaulted but it has output (will post it later if needed)

Thanks.  
Dmitry