
Subject: Re: break segm,antation with geant4
Posted by [asanchez](#) on Wed, 12 Mar 2008 10:30:58 GMT
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Hi again,
bu running the debugger i get that

```
lxi005:hyp>gdb --args root.exe hit_hyp2test.C
GNU gdb 6.3-debian
Copyright 2004 Free Software Foundation, Inc.
GDB is free software, covered by the GNU General Public License, and you are
welcome to change it and/or distribute copies of it under certain conditions.
Type "show copying" to see the conditions.
There is absolutely no warranty for GDB. Type "show warranty" for details.
This GDB was configured as "i386-linux"...Using host libthread_db library
"/lib/libthread_db.so.1".
```

```
(gdb) run
Starting program: /misc/cbmsoft/Debian3.1/201107/tools/root_r20930/bin/root.exe
hit_hyp2test.C
[Thread debugging using libthread_db enabled]
[New Thread 16384 (LWP 29881)]
```

```
*****
*                                     *
*   W E L C O M E to R O O T   *
*                                     *
* Version  5.17/05  16 October 2007  *
*                                     *
* You are welcome to visit our Web site *
*   http://root.cern.ch               *
*                                     *
*****
```

```
ROOT 5.17/05 (trunk@20369, Nov 21 2007, 16:19:00 on linux)
```

```
CINT/ROOT C/C++ Interpreter version 5.16.27, Oct 25, 2007
```

```
Type ? for help. Commands must be C++ statements.
```

```
Enclose multiple statements between { }.
```

```
root [0]
```

```
Processing hit_hyp2test.C...
```

```
PSaid instance created... access via gSaid->f()
```

```
- RTDB container factory CbmBaseContFact
- RTDB container factory PndFieldContFact
- RTDB container factory PndPassiveContFact
- RTDB container factory PndHypContFact
-l- CbmRunAna: Opening Input file:
/d/panda02/asanchez/fairroot_newPack/pandaroot/macro/hyp/simnewgeotest.r oot
Hyp Strip Hit Producer initiated
```

```
-l- CbmRunAna::Init :
```

/d/panda02/asanchez/fairroot_newPack/pandaroot/macro/hyp/simnewgeotest.r oot is connected with:

```
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>: 247 nodes/ 247 volume UID's in CBM geometry
Info in <TGeoManager::CloseGeometry>: -----modeler ready-----
PndFieldCreator::SetParm()
create PndFieldPar container PndFieldPar
create PndFieldPar container PndSolenoidPar
create PndFieldPar container PndDipolePar
create PndFieldPar container PndTransPar
create PndFieldPar container PndConstPar
create PndFieldPar container PndMultiFieldPar
fdigi par init
```

```
*****
initialisation for run id 1265480832
*****
```

```
Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 16384 (LWP 29881)]
0x4520f33f in delete_PndGeoHypPar (p=0x543301) at
/d/panda02/asanchez/fairroot_newPack/build/hyp/PndHypDict.cxx:2112
warning: Source file is more recent than executable.
```

```
2112      delete (::PndGeoHypPar*)p);
(gdb) bt
Any idea?
The point is that when i use geant3 it runs.
```

Could the Problem be related with the geo file?
If i use the old one it runs with both
geant3 and geant4.

cheers ALicia.
