
Subject: TG4SDServices::GetVolumeID:
Posted by [asanchez](#) on Fri, 01 Jun 2007 08:12:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear all,
I have implemented geometry following the
model of the emc detector, that means, by using the
geometry classes of root.

all the logical volumes created are included in one List, and afterwards each object of this list is
added as a sensitive Volume
by using AddSensitiveVolume function.

But when I run my macro, I get this warning, and I observed that any hits were produced.

+++++

++++ TG4Warning: ++++
TG4SDServices::GetVolumeID:
Sensitive detector Ge_Crystal1505 is not defined.
+++++

-I- CbmMCApplication -> simulation RunID: 1245722123

GEANT4 Geometry statistics:
58 logical volumes
57 physical volumes
9 materials
2 user limits
3 sensitive detectors

Actually I produce 8 sensitive volume, but the number which appears in the information is 3.

Any ideas?

thanks

Alicia S.

Subject: Re: TG4SDServices::GetVolumeID:
Posted by [StefanoSpataro](#) on Fri, 01 Jun 2007 08:17:39 GMT
[View Forum Message](#) <> [Reply to Message](#)

In the code in svn, so that one can try to see what is happening?

Subject: Re: TG4SDServices::GetVolumeID:
Posted by [asanchez](#) on Fri, 01 Jun 2007 08:26:28 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi
sorry, for technical reasons I have not yet it committed.

Subject: Re: TG4SDServices::GetVolumeID:
Posted by [Mohammad Al-Turany](#) on Mon, 04 Jun 2007 08:55:51 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

we had this problem before, it is the underscore in the name of the sensitive detector, remove the underscore from the names and try again.

regards

Mohammad

Subject: Re: TG4SDServices::GetVolumeID:
Posted by [asanchez](#) on Mon, 04 Jun 2007 09:34:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi
I have removed the underscore symbol from the sensitive detector name, and it seems to work.
But when I run now, the PndBoxGenerator for a multiplicity of 100 particle(whatever..) i get this error information:

```
>>> End of Event 0
-E- CbmStack: Particle index -999 not found in dex map!
Fatal in <CbmStack::CbmStack::UpdateTrackIndex>: Particle index not found in map
aborting
Using host libthread_db library "/lib/libthread_db.so.1".
Attaching to program: /proc/28321/exe, process 28321
`system-supplied DSO at 0xffff000' has disappeared; keeping its symbols.
done.
done.
[Thread debugging using libthread_db enabled]
[New Thread 16384 (LWP 28321)]
```

Any ideas?

Thanks a lot
alicia.
