
Subject: How to get a volume path by id's
Posted by [Ralf Kliemt](#) on Tue, 19 Feb 2008 15:03:58 GMT
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Hello everybody,

I would like to get the complete path of a volume by its ID.
I have a simulation file containing the CBMGeom and a branch with CbmMCPoints. There is a reference to the detectors via the GetDetectorID() method.
I could get a volume by TGeoVolume* vol = geoMan->GetVolume(detid); but when calling for the vol->GetName(); I just get one name and not the complete Path:
Quote:"NewLayer3oHalfBarrel"

instead of

```
/cave_1/MVDoOption1_0/NewLayer3oHalfBarrel_1/NewLayer3Stave_2/Moduleo4FE_1/FullSensoro4FE_1/SensorActiveAreao[NrFE=4]oPartAss_1/SensorActiveArea o[NrFE=4]_1
```

Now I'm somehow lost inbetween the geometry classes.

In fact for the MVD there is an additional string stored in the PndMvdMCPoint. Is this because cbmsoft does not store the full path via the volume ID?

Kind regards, Ralf.
