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Subject: Re: shape of a volume - always TGeoBBox ?  
Posted by [Olaf Hartmann](#) on Mon, 13 Dec 2010 16:09:59 GMT  
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Ciao Lia,

Lia Lavezzi wrote on Mon, 13 December 2010 16:53Hi Olaf,  
in stt/PndSttMapCreator.cxx I retrieve the geometry of the TGeoTube, but the very starting point is the list of FairGeoNodes from the PndGeoSttPar...

The code does:

```
FairGeoNode *pnode = (FairGeoNode*) geoPassNodes->FindObject(tubename);
```

```
...
```

```
TGeoVolume* rootvol = pnode->getRootVolume();
```

```
TGeoTube *tube = (TGeoTube*) rootvol->GetShape();
```

...I don't know if this may be helpful...

Lia.

As I read, this is specific for STT (I need something general) ... and in your example it seems that you already know that you're looking for a tube. So I wonder if

```
TGeoVolume* rootvol = pnode->getRootVolume();
```

```
TGeoShape* volshape = rootvol->GetShape();
```

would work in your case, giving TGeoTube as shape name?

Thanks  
Olaf.