

---

Subject: Geo generation

Posted by [Oleg](#) on Thu, 11 Aug 2016 13:43:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I would like to generate a new geometry file for the active target.

Actually it is only to add a He gas media.

So the script create\_actar\_helium.C is made which differs from the original create\_actar.C with the lines added:

```
FairGeoMedium* mHe    = geoMedia->getMedium("helium");
if ( ! mHe ) Fatal("Main", "FairMedium helium not found");
geoBuild->createMedium(mHe);
TGeoMedium* pMed4 = gGeoMan->GetMedium("helium");
if ( ! pMed4 ) Fatal("Main", "Medium helium not found");
```

If I run it, there is an error:

```
root [0] .x create_actar_helium_geo.C("helium")
IncrementalExecutor::executeFunction: symbol
'_ZN4ROOT4Math9gv_detail7convertERKNS0_9AxisAngleERNS0_10Rotation3DE'
unresolved while linking function '_GLOBAL__sub_I_cling_module_6'!
You are probably missing the definition of
ROOT::Math::gv_detail::convert(ROOT::Math::AxisAngle const&, ROOT::Math::Rotation3D&)
Maybe you need to load the corresponding shared library?
warning: cannot find function 'create_actar_helium_geo()'; falling back to .L
```

What is a problem?

Oleg.

---