
Subject: Re: Geometry modification

Posted by [Lia Lavezzi](#) on Thu, 19 Nov 2009 15:13:50 GMT

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Hi,

The geometry can be defined in different ways:

1) ascii files (file.geo, for example the stt files)

2) root files

3) directly in the detector code

(see http://fairroot.gsi.de/General/Geo_Material_def.htm for a better description)

Concerning the STT geo file: it contains the whole description of the detector and it is fixed, i.e. if you want to modify some parameters of the detector (for example the tubes length) you have either to change directly the file.geo (but this is not convenient!) or change the macro which writes the file (this is the way to do it). It is not driven by any parameter file.

I can't say anything concerning root files (point 2), since I worked only with ascii files up to now and I don't know how the geometry is described there. Maybe someone else can comment on that option.

Best regards,
Lia.
