
Subject: problem running simulation macros (media_pnd.geo??)

Posted by [Dima Melnychuk](#) on Fri, 24 Sep 2010 10:20:59 GMT

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Dear colleagues,

After updating to trunk I have problem running all the simulation macros, which are stopped at:

```
Info in <TGeoManager::TGeoManager>: Geometry FAIRGeom, FAIR geometry created
-I- FairGeoMedia Read media
```

I have it with sim_emc.C and this problem is reproduced in several other macros.

I have found that this problem appeared from the last update of /geometry/media_pnd.geo, which was made two days ago.

However I do not see obvious problem with this file.

Could anybody confirm the problem and if it is reproduced to look into media_pnd.geo to identify it precisely.

Best regards,

Dima

Subject: Problem running simulation macros -> DIRC media definition

Posted by [StefanoSpataro](#) on Fri, 24 Sep 2010 10:33:06 GMT

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Hi,

the problem is in media_pnd.geo, if you go to version 9909 of the file, the crash disappears.

It was added a line in the definition of the properties of two dirc materials, without changing the number of lines. Not clear to me if the lines should be added or if they should replace something.

The author is "mpatsyuk", but I don't have his/her mail address.

Maybe Jochen could comment?

Subject: DIRC bug

Posted by [StefanoSpataro](#) on Fri, 24 Sep 2010 13:11:48 GMT

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Now the geometry seems fine, but the code does not compile

```
[ 64%] Building CXX object drc/CMakeFiles/Drc.dir/PndDrc.o
/d/panda02/spataro/pandaroot/drc/PndDrc.cxx: In member function 'virtual void
PndDrc::ConstructGeometry()':
/d/panda02/spataro/pandaroot/drc/PndDrc.cxx:574: error: 'class PndGeoDrc' has no member
named 'barGap'
```

/d/panda02/spataro/pandaroot/drc/PndDrc.cxx:575: error: 'class PndGeoDrc' has no member named 'boxGap'

/d/panda02/spataro/pandaroot/drc/PndDrc.cxx:576: error: 'class PndGeoDrc' has no member named 'boxThick'

Subject: Re: Problem running simulation macros -> DIRC media definition

Posted by [Carsten Schwarz](#) on Fri, 24 Sep 2010 15:04:04 GMT

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Hi Stefano,

Maria Patsyuk is working on the code, her mail address is

m.patsyuk@gsi.de

Best regards

Carsten

Subject: Re: Problem running simulation macros -> DIRC media definition

Posted by [Maria Patsyuk](#) on Fri, 24 Sep 2010 15:30:54 GMT

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Now it should compile.

And it seems I changed the number of lines in the media_pnd.geo file with adding 2 lines.

Sorry for the mess - it is my first experience
