
Subject: Re: Crash in DIRC with G4

Posted by [Oliver Merle](#) on Wed, 28 Mar 2012 16:39:01 GMT

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Thanks Mohammad,

Mohammad Al-Turany wrote on Wed, 28 March 2012 16:40

This is very easy to test, in the `g4Config.C` set the option: `geomRootToGeant4`

This works with the same DIRC geometry and the (according to your comments) crappy code in `FairModule`,

I thought I had tested this with native navigation, but it seems I switched to G4 after the update of `FairModule`. Silly me. Anyhow, even if it doesn't crash with G4 native navigation, the material of `v1` is not guaranteed to be equal to the one defined in the media file because it was not obtained via your factory.

The "crappy" code works, it just has to be called for `v1`, too. Fixing this is no big deal, so I don't care about any credit. I guess it wouldn't hurt to use the `Logger` instead of `std::out`, too. (BTW: I was a bit pissed when I fixed the issue)

Quote:

About the documentation I cannot promise to document every single line in the code, but we will try our best!

It is NOT about commenting a line of code. I can read C++. It is about commenting how the algorithms are intended to work, why things are implemented that way and how things are intended to be used.

Regards,
Oliver
