
Subject: New EmcMapper

Posted by [StefanoSpataro](#) on Fri, 02 Oct 2009 12:03:19 GMT

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Dear all,

I have fixed the PndEmcMapper::Instance so that it runs and take the correct geometry from the parameter file (instead of the sim one, as done before last Mohammad's change).

Now PndEmcMapper is used as before, but you ahve to write the name of the parameter file instead of the sim one. I have updated some macros, but please keep it in mind for your analysis.

Regards

Subject: Re: New EmcMapper

Posted by [Mohammad Al-Turany](#) on Mon, 05 Oct 2009 08:34:49 GMT

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Hi Stefano,

The way you did works fine, assuming that the parameters:

1. comes only from ROOT file (No Oracle)
2. The parameter file contains only one geometry, which is not completely true. I could make more than one run with different geometries and they will be classified according to the Run Id.

So why not to handle the geometry in the same way as all other parameters? and what about making the mapper as a task which will make life much easier for initialization and so on. it does not need to have an Exec() function (something like the Geane Task) What do you think?

Mohammad

Subject: Re: New EmcMapper

Posted by [StefanoSpataro](#) on Mon, 05 Oct 2009 09:05:14 GMT

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For the moment the code is fixed.

The way to access to the geometry in emc code is not so nice, but this would require a redesign of the emc code. I am not so sure there is somebody who has the will and the time to think about it.

Subject: Re: New EmcMapper

Posted by [mpeliz](#) on Mon, 05 Oct 2009 19:43:04 GMT

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Hi together,

the EmcMapper as it is implemented at the moment is very error prone, so we could clearly benefit from a better design.

Mohammad's posting about the EMC geometry files brought up some thoughts to me, how the geometry of the complete detector will be loaded in the future. I think there should be a common task where the detectors are plugged together. If something like this is existing we could simply add the EMC like all other detectors to this. So is there already something like this existing?

Since we have other topics to discuss also, I would suggest to have an EMC Software meeting beginning of next week? But I will send around an email to the EMC developers.

With regards,
Marc

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With regards,
Marc