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Subject: WirepointHitPolicy detplane implementation

Posted by [Anonymous Poster](#) on Mon, 16 Mar 2009 12:55:40 GMT

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Hi,

when I replied to Ola's thread, I stumbled over something... In the wirepoint policy, the detPlane method is not implemented. But if you inherit from RecoHitLfc<WirePointHitPolicy> you should implement, how to get the detPlane in this place. I know it is again virtual in RecoHitLfc, and indeed you implement this feature in PndSttRecoHit. But this is not the idea of genfit. If someone else wants to use your policy, he has to reimplement this code, which is of course the only complicated code for a wire hit.

If you put the code to WirepointHitPolicy::detPlane(), and don't further overwrite it in PndSttRecoHit, it will be called through RecoHitLfc (please have a look at the tiny file genfit/RecoHitLfc.h).

So, could you please change that? Or is there a problem here I overlooked. If it is changed in all files, I would like to make this method in RecoHitLfc non-virtual, to avoid these situations in the future.

Cheers, Christian

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