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Subject: Re: Influence of the reduced B-field on the track reconstruction  
Posted by [Stefano Spataro](#) on Sat, 22 Mar 2014 10:51:47 GMT

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Hi,

the field maps are now in svn but the central tracking code is still not changed, since the field there is hardcoded and not retrieved from field maps. In this sense, maybe you can try to use ideal tracking to compare momentum resolution, but not real (for the moment).

Most of the effects of a reduced field would be a worsen in resolution but an increase in acceptance/efficiency for low momentum particles, but this cannot be checked before the tracking code is not updated. I am not sure if also the analysis tools should be updated.

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