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Subject: Re: Vertex fitter(s) and B field setting in pandaroot release.  
Posted by [Ralf Kliemt](#) on Fri, 06 Feb 2015 14:23:41 GMT

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Hi Elisabetta,

The line

```
RhoCalculationTools::ForceConstantBz(20.0);
```

tells the analysis framework (Rho) to assume an artificial, constant B-field. Every fitter which needs the B-field (i.e. all vertexers!) will see the constant B\_z, if enabled. I would not recommend using it unless you don't have your magnetic field parameter file on hand.

I strongly encourage to use the very same field settings in the whole chain of processing. Which one to pick, Stefano should tell you.

Cheers

Ralf

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