Subject: Re: Constant magnetic field instead Solenoid Field maps
Posted by Ralf Kliemt on Tue, 02 Jul 2013 05:53:26 GMT
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Hello Anastasia,

The GetBz() function in FairField is not implemented. Please get your B Field like that (important are the double arrays):

```
double pnt[3]={0.,0.,0.}; //Position where to get field strength
double Bf[3]; //result goes here
// retrieve the field from the framework
FairRunAna::Instance()->GetField()->GetFieldValue ( pnt, Bf );  //[kGs]
return Bf[2]; //OK, Bf[2] is your Bz
```

Please mind the units.

In Analysis macros you can use RhoCalculationTools::GetBz(TVector3 pos).

Cheers.
Ralf