
Subject: Re: Constant magnetic field instead Solenoid Field maps
Posted by [Anastasia Karavdina](#) on Tue, 02 Jul 2013 09:43:17 GMT

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Well, I was wrong about GetBxyz method implementation in case field maps classes, actually it is implemented there.

For PndConstField I propose following implementation of this method (which is basicly merge of GetBx(), GetBy(),GetBz()):

```
void PndConstField::GetBxyz(const Double_t point[3], Double_t* bField){  
    if ( point [0] < fXmin || point [0] > fXmax ||  
        point [1] < fYmin || point [1] > fYmax ||  
        point [2] < fZmin || point [2] > fZmax ) {  
        bField[0]=0;    bField[1]=0;    bField[2]=0;  
    }  
    else{  
        bField[0]=fBx;    bField[1]=fBy;    bField[2]=fBz;  
    }  
}
```

Can it be insert in svn version of code, please? Stefano, I can send changed source and header files if they needed.

Cheers,
Anastasia
