BDSMagField

+ rotation
+ translation

+ BDSMagField()
+ ~BDSMagField()
+ DoesFieldChangeEnergy()
+ GetFieldValue()
+ Prepare()
+ SetOriginRotation()
+ SetOriginTranslation()
+ GetHasNPoleFields()
+ GetHasUniformField()
+ GetHasFieldMap()

BDSXYMagField

+ xHalf
+ yHalf
+ nX
+ nY
+ itsFileName
− Bx
− By
− Bz
− itsFieldValues

+ BDSXYMagField()
+ ~BDSXYMagField()
+ DoesFieldChangeEnergy()
+ GetFieldValue()
+ AllocateMesh()
+ ReadFile()
+ Prepare()
+ SetBx()
+ SetBy()
+ SetBz()
+ GetBx()
+ GetBy()
+ GetBz()