## BDSMultipole

# itsBeampipeLogicalVolume
# itsInnerBPLogicalVolume
# itsVisAttributes
# itsBeampipeUserLimits
# itsPhysiComp
# itsPhysiInner
# itsBPFieldMgr
# itsOuterFieldMgr
# itsInnerIronRadius
# itsBeampipeThickness
# itsBeampipeSolid
# itsInnerBeampipeSolid
# itsChordFinder
# itsOuterMagField

+ BDSMultipole()
+ BDSMultipole()
+ BDSMultipole()
+ ~BDSMultipole()
+ BuildBLMs()
+ BuildBeampipe()
+ BuildBeampipe()
+ BuildDefaultMarkerLogicalVolume()
+ BuildDefaultOuterLogicalVolume()
+ BuildEllipticalOuterLogicalVolume()
+ BuildBPFieldMgr()
+ GetBPFieldMgr()
+ BuildOuterFieldManager()
+ SetOuterRadius()
+ SetStartOuterRadius()
+ SetEndOuterRadius()
– ConstructorInit()
– SetBeampipeThickness()

## myQuadStepper

+ itsLength
+ itsAngle
– yInitial
– yMidPoint
– yFinal
– fPtrMagEqOfMot
– itsBGrad
– itsBField
– itsDist

+ myQuadStepper()
+ ~myQuadStepper()
+ Stepper()
+ DistChord()
+ SetBGrad()
+ SetBField()
+ SetLength()
+ SetAngle()
+ GetBGrad()
+ StepperName()
+ IntegratorOrder()
# AdvanceHelix()

## BDSSbendMagField

– itsLocalRadius

+ BDSSbendMagField()
+ ~BDSSbendMagField()
+ GetLocalRadius()

## BDSSectorBend

– itsBField
– itsBGrad
– itsStepper
– itsMagField
– itsEqRhs

+ BDSSectorBend()
+ ~BDSSectorBend()
+ SynchRescale()
+ GetArcLength()
– BuildBPFieldAndStepper()
– BuildSBMarkerLogicalVolume()
– BuildSBBeampipe()
– BuildSBOuterLogicalVolume()
– SetVisAttributes()

itsStepper    itsMagField