

## BDSMultipole

```
# itsBeampipeLogicalVolume
# itsInnerBPLLogicalVolume
# 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()
```



## BDSRBend

```
- itsBField
- itsBGrad
- itsMagFieldLength
- markerSolidVolume
- rbendRectangleSolidVolume
- rbendRectangleLogicalVolume
- middleBeampipeLogicalVolume
- middleInnerBPLLogicalVolume
- endsBeampipeLogicalVolume
- endsInnerBPLLogicalVolume
- endsBeampipeUserLimits
- endsInnerBeampipeUserLimits
- innerBeampipeVisAtt
- beampipeVisAtt
- itsStepper
- itsMagField
- itsEqRhs
```

```
+ BDSRBend()
+ ~BDSRBend()
+ SynchRescale()
- BuildBPFieldAndStepper()
- BuildRBMarkerLogicalVolume()
- BuildRBBeampipe()
- BuildRBOuterLogicalVolume()
- SetVisAttributes()
```