

## 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()
```



## BDSPCLDrift

```
- itsYAperUp
- itsYAperDown
- itsDyAper
- outer_solid
- inner_solid
- itsOuterBeamPipeLogicalVolume
- itsInnerBeamPipeLogicalVolume
- itsPhysiInner
- itsPhysiOuter
- itsBeampipeVisAtt
- itsInnerBeampipeVisAtt
- itsStepper
- itsMagField
- itsEqRhs
```

```
+ BDSPCLDrift()
+ ~BDSPCLDrift()
- BuildBLMs()
- BuildBeampipe()
- SetVisAttributes()
- BuildBpFieldAndStepper()
```