

## BDSAcceleratorComponent

```
# name
# arcLength
# type
# chordLength
# angle
# tiltOffset
# precisionRegion
# beamPipeInfo
# lengthSafety
# emptyMaterial
- readOutLV
- itsSPos
- itsGFlashVolumes
- itsMultiplePhysicalVolumes
```

```
+ BDSAcceleratorComponent()
+ ~BDSAcceleratorComponent()
+ GetName()
+ GetType()
+ GetPrecisionRegion()
+ GetAngle()
+ GetTiltOffset()
+ GetArcLength()
+ GetChordLength()
+ GetReadOutLogicalVolume()
+ PrepareField()
+ GetParameterValue()
+ GetParameterValueString()
+ GetSPos()
+ SetSPos()
+ SetGFlashVolumes()
+ GetGFlashVolumes()
+ SetMultiplePhysicalVolumes()
+ GetMultiplePhysicalVolumes()
# Initialise()
# Build()
# BuildContainerLogicalVolume()
- BDSAcceleratorComponent()
- operator=()
- BDSAcceleratorComponent()
* GetParameterValue()
* GetParameterValueString()
* GetSPos()
* SetSPos()
* SetGFlashVolumes()
* GetGFlashVolumes()
* SetMultiplePhysicalVolumes()
* GetMultiplePhysicalVolumes()
* name
* arcLength
* type
* chordLength
* angle
* tiltOffset
* precisionRegion
* beamPipeInfo
```

## BDSLaserCompton

```
- itsLaserWavelength
- itsLaserDirection
- itsLaserEnergy
- itsComptonEngine
```

```
+ BDSLaserCompton()
+ ~BDSLaserCompton()
+ IsApplicable()
+ GetMeanFreePath()
+ PostStepDoIt()
+ SetLaserDirection()
+ GetLaserDirection()
+ SetLaserWavelength()
+ GetLaserWavelength()
# ComputeMeanFreePath()
- operator=()
- BDSLaserCompton()
```



itsLaserCompton

## BDSLaserWire

```
- itsLaserCompton
- itsLaserDirection
- itsLaserWavelength
```

```
+ BDSLaserWire()
+ ~BDSLaserWire()
+ SetLaserDirection()
+ GetLaserDirection()
+ SetLaserWavelength()
+ GetLaserWavelength()
- BuildContainerLogicalVolume()
```