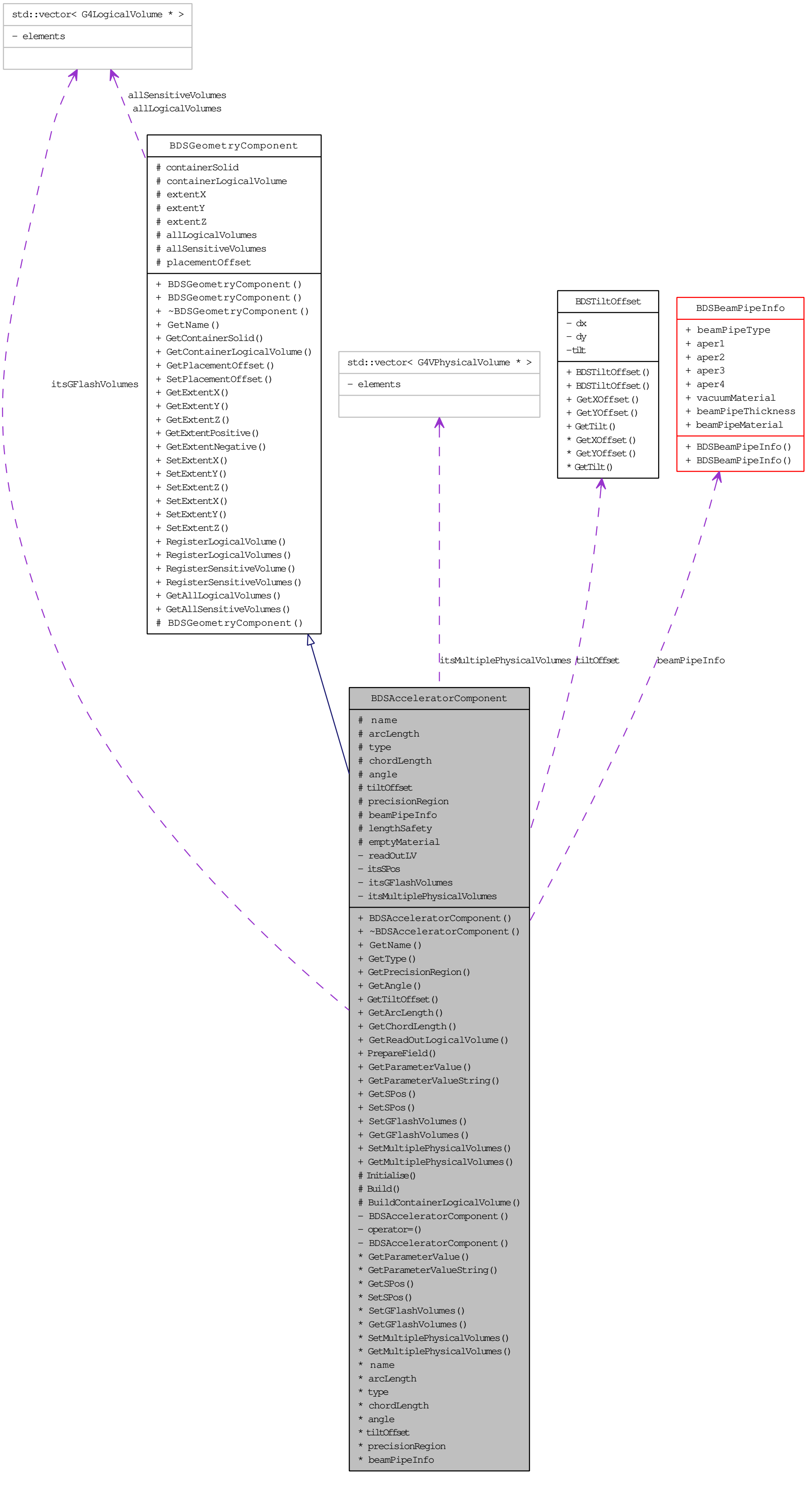
std::vector< G4LogicalVolume * >
- elements
allSensitiveVolumes
allLogicalVolumes
BDSGeometryComponent
containerSolid
containerLogicalVolume
extentX
extentY
extentZ
allLogicalVolumes
allSensitiveVolumes
placementOffset
+ BDSGeometryComponent()
+ BDSGeometryComponent()
+ ~BDSGeometryComponent()
+ GetName()
+ GetContainerSolid()
+ GetContainerLogicalVolume()
+ GetPlacementOffset()
+ SetPlacementOffset()
+ GetExtentX()
+ GetExtentY()
+ GetExtentZ()
+ GetExtentPositive()
+ GetExtentNegative()
+ SetExtentX()
+ SetExtentY()
+ SetExtentZ()
+ SetExtentX()
+ SetExtentY()
+ SetExtentZ()
+ RegisterLogicalVolume()
+ RegisterLogicalVolumes()
+ RegisterSensitiveVolume()
+ RegisterSensitiveVolumes()
+ GetAllLogicalVolumes()
+ GetAllSensitiveVolumes()
# BDSGeometryComponent()
itsGFlashVolumes
std::vector< G4VPhysicalVolume * >
- elements
BDSTiltOffset
- dx
- dy
-tilt
+ BDSTiltOffset()
+ BDSTiltOffset()
+ GetXOffset()
+ GetYOffset()
+ GetTilt()
* GetXOffset()
* GetYOffset()
* GetTilt()
BDSBeamPipeInfo
+ beamPipeType
+ aper1
+ aper2
+ aper3
+ aper4
+ vacuumMaterial
+ beamPipeThickness
+ beamPipeMaterial
+ BDSBeamPipeInfo()
+ BDSBeamPipeInfo()
itsMultiplePhysicalVolumes
tiltOffset
beamPipeInfo
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