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BDSMagnetOuterFactoryBase
# lengthSafety
# checkOverlaps
# nSegmentsPerCircle
# maxStepFactor
# poleSolid
# yokeSolid
# containerSolid
# poleLV
# yokeLV
# containerLV
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
+ Cleanup()
# BDSMagnetOuterFactoryBase()

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BDSMagnetOuterFactoryPolesBase
# poleFraction
# poleAngularFraction
# poleTipFraction
# poleStartRadius
# poleFinishRadius
# yokeStartRadius
# yokeFinishRadius
+ BDSMagnetOuterFactoryPolesBase()
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
# Cleanup()
# CalculatePoleAndYoke()
# CreatePoleSolid()
# CreateYokeAndContainerSolid()
# CreateLogicalVolumes()
# PlaceComponents()
# CommonConstructor()
# TestInputParameters()
# KickerConstructor()

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BDSMagnetOuterFactoryLHC
# isLeftOffset
+ BDSMagnetOuterFactoryLHC()
+ ~BDSMagnetOuterFactoryLHC()
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
# IsLeftOffset()
- CreateCylindricalSolids()
- CommonFinalConstructor()
- TestInputParameters()

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BDSMagnetOuterFactoryNone
- _instance
+ ~BDSMagnetOuterFactoryNone()
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
+ Instance()
- BDSMagnetOuterFactoryNone()

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BDSMagnetOuterFactoryCylindrical
- _instance
+ ~BDSMagnetOuterFactoryCylindrical()
+ CreateSectorBend()
+ CreateRectangularBend()
+ CreateQuadrupole()
+ CreateSextupole()
+ CreateOctupole()
+ CreateDecapole()
+ CreateSolenoid()
+ CreateMultipole()
+ CreateRfCavity()
+ CreateMuSpoiler()
+ CreateKicker()
+ Instance()
- BDSMagnetOuterFactoryCylindrical()
- CreateCylindricalSolids()
- CommonFinalConstructor()
- TestInputParameters()

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