BDSBunchInterface

X0
Y0
Z0
T0
Xp0
Yp0
Zp0
sigmaT
sigmaE

+ BDSBunchInterface()
+ BDSBunchInterface()
+ BDSBunchInterface()
+ ~BDSBunchInterface()
+ SetOptions()
+ GetNextParticle()
+ GetX0()
+ GetY0()
+ GetZ0()
+ GetT0()
+ GetXp0()
+ GetYp0()
+ GetZp0()
+ GetSigmaE()
+ GetSigmaT()
# CreateMultiGauss()
# CalculateZp()

std::vector< double * >

– elements

BDSBunchPtc

– nRays
– fileName
– iRay
– ptcData

+ BDSBunchPtc()
+ ~BDSBunchPtc()
+ SetOptions()
+ GetNextParticle()
– LoadPtcFile()
– SetDistribFile()

ptcData