std::ifstream
InputBunchFile
BDSBunch
- verbose
- verboseStep
- verboseEvent
- verboseEventNumber
- nptwiss
- distribType
- X0
- Y0
- Z0
- T0
- Xp0
- Yp0
- Zp0
- sigmaX
- sigmaY
- sigmaT
- sigmaXp
- sigmaYp
- rMin
- rMax
- shellx
- shelly
- shellxp
- shellyp
- betaX
- betaY
- alphaX
- alphaY
- emitX
- emitY
- meansGM
- sigmaGM
- energySpread
- fields
- inputfile
- nlinesIgnore
- InputBunchFile
- GaussGen
- FlatGen
- GaussMultiGen
- partId
+ BDSBunch()
+ ~BDSBunch()
+ SetOptions()
+ GetSigmaT()
+ GetSigmaX()
+ GetSigmaY()
+ GetSigmaXp()
+ GetSigmaYp()
+ GetNextX()
+ GetNextY()
+ GetNextZ()
+ GetNextXp()
+ GetNextYp()
+ GetNextT()
+ GetNextParticle()
+ GetEmitX()
+ GetEmitY()
+ GetAlphaX()
+ GetAlphaY()
+ GetBetaX()
+ GetBetaY()
+ SetSigmaT()
+ SetSigmaX()
+ SetSigmaY()
+ SetSigmaXp()
+ SetSigmaYp()
+ SetX0()
+ SetY0()
+ SetXp0()
+ SetYp0()
+ SetEmitX()
+ SetEmitY()
+ SetAlphaX()
+ SetAlphaY()
+ SetBetaX()
+ SetBetaY()
+ SetEnergySpread()
- skip()
- ReadValue()
- OpenBunchFile()
- CloseBunchFile()