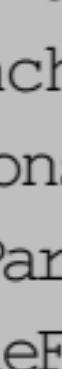


BDSBunchInterface

```
# 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()
```



BDSBunchUserFile

```
# distribFile  
# bunchFormat  
# nlinesIgnore  
- InputBunchFile  
- fields
```

```
+ BDSBunchUserFile()  
+ ~BDSBunchUserFile()  
+ SetOptions()  
+ GetNextParticle()  
- ParseFileFormat()  
- OpenBunchFile()  
- CloseBunchFile()  
- skip()  
- ReadValue()  
- SetDistribFile()
```

```
- SetBunchFormat()  
- SetNLinesIgnore()  
- ParseEnergyUnit()  
- ParseLengthUnit()  
- ParseAngleUnit()  
- ParseTimeUnit()
```