```
HEP::LorentzVector
- x0
- x1
- x2
- x3
+ LorentzVector()
+ operator[]()
+ operator[]()
+ LorentzVector()
+ magnitude()
             momentum
   HEP::Particle
    _name
    _sign
     _mass

    lifetime

   + Particle()
   + Particle()
   + Particle()
   + getName()
   + anti()
   + Fire()
   + M()
   + phi()
   + y()
   + eta()
   and 8 more...
             mother
    HEP::Decay
   _prob
   _daughters
 + Decay()
+ getDecStr()
 + Decay()
 + isValid()
 + getBR()
 + getMother()
 + setMother()
 + getDaughters()
```