```
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::DecayTable
   brs
   _decays
   cumul_brs
 + DecayTable()
 + addDecay()
 + getDecays()
 + getRandom()
 + Print()
```