```
FuzzyMembership
    UPPER LIMIT
#
   fuzzy value
#
#
    name
    NAME KEY
+ FuzzyMembership()
+ ~FuzzvMembership()
+ compute degree of membership()
+ compute area of membership()
+ compute centroid of
membership()
+ getName()
+ getValue()
+ setValue()
+ resetValue()
   FuzzvMembershipTrapezoidal
    MB TRAPEZOIDAL KEY
   trapezoidal points
   NAME KEY
   MB X1 KEY
   MB X2 KEY
   MB RIGHT SLOPE KEY
   MB LEFT SLOPE KEY
```

+ FuzzyMembershipTrapezoidal()
+ ~FuzzyMembershipTrapezoidal()
+ compute_area_of_membership()
+ compute_centroid_of
_membership()
+ compute_degree_of_membership()
+ parse()