```
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()
```

MB TRAPEZOIDAL KEY

FuzzvMembershipTrapezoidal

- __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()