```
MicObservable < MicMagCompensator >
# observers
# mtx
+ MicObservable()
+ ~MicObservable()
+ notify()
+ subscrible()
+ unsubscrible()
         MicMagCompensator
      # _curr_time stamp
         mag measure storer
      # _mag_truth_storer
# state
      # version
      + MicMagCompensator()
      + ~MicMagCompensator()
      + get data storer()
      + get_curr time()
      + add data()
      + add data truth()
      + calibrate()
      + compenste()
      + load_model()
      + save model()
      # do_calibrate()
      # do compenste()
      # serialize()
      # deserialize()
      MicCabinMagCompensator
      mag ellipsoid ptr
      D tilde inv
      o hat
   #
   # R opt
   + MicCabinMagCompensator()
   + ~MicCabinMagCompensator()
   # do_calibrate()
   # do compenste()
   # serialize()
   # deserialize()
   # ceres optimize()
```