```
IEntity
    + AddObserver()
       RemoveObserver()
    + Notify()
    + ~IEntity()
     + GetEntityId()
     + SetEntityId()
     + GetType()
    + SetType()
+ GetId()
       SetId()
     +
    + UpdateDirection()
+ UpdatePosition()
    + GetPosition()
      GetDirection()
       GetData()
             Entity
    #
       observers
    # id
    # entity_id
    # type
    # position
    # direction
    # radius
    # cameras
    + Entity()
    + Entity()
    + ~Entity()
+ Entity()
    + operator=()
    + AddObserver()
     + RemoveObserver()
     + Notify()
    + GetRadius()
    + SetRadius()
and 13 more...
             IDrone
  velocity
# lastPictureTime
# time
# robot
         position_if_found
# search
# perform
# locationsToVisit
+ IDrone()
+ IDrone()
+ UpdateManualMovement()
+ Update()
+ ResetPatrol()
  GetVelocity()
+ UpdateVelocity()
+ GetPropellerSpeed()
+ SetJoystick()
+ GetSearchStatus()
and 7 more...
             Drone
+ Drone()
+ Drone()
+
    Drone()
+ UpdateManualMovement()
+ Update()
  ResetPatrol()
 - GetVelocity()
- UpdateVelocity()
  GetPropellerSpeed()
+ SetJoystick()
and 8 more...
```