```
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...
                Δ
       Battery Decorator
+ BatteryDecorator()
+ ~BatteryDecorator()
+ Update()
+ GetBatteryLevel()
+ UpdateManualMovement()
+ ResetPatrol()
 - GetVelocity()
- UpdateVelocity()
  GetPropellerSpeed()
+ SetJoystick()
and 21 more...
```