```
entity_project::IEntity
+ ~IEntity()
+ GetId()
+ GetName()
+ GetPosition()
+ GetDirection()
+ GetRadius()
+ GetDetails()
+ GetVersion()
+ IsDynamic()
          Δ
csci3081::EntityBase
# name
# ID
# position
# direction
# dynamic
# version
                            csci3081::ASubject
# radius
# type
                            # list
# details
                            + Attach()
+ ~EntityBase()
                            + Detach()
+ GetDetails()
                            + GetList()
+ GetId()
                            + Notify()
                            + GetStatus()
+ GetName()
+ GetPosition()
                            + Update()
+ GetDirection()
+ GetRadius()
+ GetVersion()
+ IsDynamic()
+ DistanceBetween()
+ IsWithin()
+ GetType()
                csci3081::Carrier
        # battery
        # package
        # speed
        # route
        # droneStatusWhenBatteryDies
        # ChargingStatus
        # routeStrategy
        + BatteryDead()
        + BatteryFull()
        + GetBattery()
        + GetMaxBattery()
        + Charging()
        + HavePackage()
        + GetPackage()
        + AddPackage()
        + DropPackage()
        + SetPosition()
        and 14 more...
                csci3081::Drone
                + Drone()
                + Drone()
```