```
entity project::IEntity
+ ~IEntity()
+ GetId()
+ GetName()
+ GetPosition()
+ GetDirection()
+ GetRadius()
+ GetDetails()
+ GetVersion()
+ IsDynamic()
csci3081::EntityBase
# name
#ID
# position
# direction
# dynamic
# version
                            csci3081::ASubject
# radius
                            # list
# type
# details
                            + Attach()
+ ~EntityBase()
                            + Detach()
+ GetDetails()
                            + GetList()
+ GetId()
                            + Notify()
+ GetName()
                            + GetStatus()
+ GetPosition()
                             + Update()
+ GetDirection()
+ GetRadius()
+ GetVersion()
+ IsDynamic()
+ DistanceBetween()
+ IsWithin()
+ GetType()
               csci3081::Package
               + Package()
               + Package()
               + SetOwner()
               + GetOwner()
               + SetPosition()
               + SetCarrier()
               + GetCarrier()
               + SetDynamic()
               + Deliver()
               + IsDelivered()
               + GetStatus()
               + Update()
```