```
entity project::IEntity
  + ~IEntity()
  + GetId()
  + GetName()
  + GetPosition()
  + GetDirection()
  + GetRadius()
  + GetDetails()
  + GetVersion()
  + IsDynamic()
  csci3081::EntityBase
  # name
  #ID
  # position
  # direction
  # dynamic
  # version
  # radius
  # type
  # details
  + ~EntityBase()
  + GetDetails()
  + GetId()
  + GetName()
  + GetPosition()
  + GetDirection()
  + GetRadius()
  + GetVersion()
  + IsDynamic()
  + DistanceBetween()
  + IsWithin()
  + GetType()
csci3081::ChargingStation
+ ChargingStation()
+ ChargingStation()
+ AddDeadCarrier()
+ PopDeadCarrier()
+ HasDeadCarrier()
+ AddChargingDrone()
+ RemoveChargingDrone()
+ Update()
```