pkg entity

RentalLocation
- name : String
- address : String
- capacity : int

Vehicle
- make : String
- model : String
- year : int
- mileage : int
- tag : String
- lastServiced : Date
- status : VehicleStatus
- condition : VehicleCondition

VehicleType
- name : String

HourlyPrice
- maxHrs : int
- price : int

User
- firstName : String
- lastName : String
- userName : String
- password : String
- email : String
- address : String
- createdDate : Date

Reservation
- pickup : Date
- length : int
- canceled : boolean

Administrator

Customer
- memberUntil : Date
- licState : String
- licNumber : String
- ccNumber : String
- ccExpiration : Date
- status : UserStatus

Comment
- text : String
- date : Date

Rental
- pickup : Date
- return : Date
- / late : boolean
- charges : int

RentARideParams
- membershipPrice : int
- lateFee : int

**<<enum>>
VehicleStatus**
- <<enum constant>> INLOCATION : int
- <<enum constant>> INRENTAL : int

**<<enum>>
VehicleCondition**
- <<enum constant>> GOOD : int
- <<enum constant>> NEEDSMAINTENANCE : int

**<<enum>>
UserStatus**
- <<enum constant>> ACTIVE : int
- <<enum constant>> CANCELLED : int
- <<enum constant>> TERMINATED : int

Relationships / association labels:
- rentalLocation 1 — locatedAt — vehicle * (RentalLocation to Vehicle)
- hasType — vehicle * (VehicleType to Vehicle)
- rentalLocation 1 — hasLocation — reservation * (RentalLocation to Reservation)
- 1 vehicleType
- VehicleType 1 — hasPrice — hourlyPrice 1..* HourlyPrice
- vehicleType — hourlyPrice
- 1 vehicleType — hasType — reservation * (Reservation)
- reservation 1 — basedOn — (Rental)
- reservation — usedInRental — 1 vehicle (Vehicle to Rental)
- reservation * — creates — customer 1 (Customer)
- Customer 1 — commentedBy — * Comment (/ customer , / comment)
- Comment — describedBy — rental Rental
- Customer 1 — activatedBy — * Rental (/ customer , / rental)
- rental 0..1 * rental