

VehicleCategory
VehicleCategory()
SEDAN
PICKUP
SUV
SPORTS_CAR
valueOf(String) VehicleCategory
values() VehicleCategory[]
toString() String
fromString(String) VehicleCategory?

VehicleCatalog
VehicleCatalog()
instance VehicleCatalog
vehicles Vehicles
printAllVehicles() void
getVehicles() Vehicles
getInstance() VehicleCatalog

Vehicles
Vehicles()
vehicles Set<Vehicle>
removeVehicle(String) void
findVehicleById(String) Vehicle
toArray() JSONArray
size() int
addVehicle(Vehicle) void
getVehicles() Set<Vehicle>
iterator() Iterator<Vehicle>
filterByDealer(Dealer) Set<Vehicle>
findDealerVehicleById(Dealer, String) Vehicle

Vehicle
getPrice() double
getAcquisitionDate() LocalDateTime
getDealer() Dealer
setPrice(double) void
setDealer(Dealer) void
getId() String
getManufacturer() String
toJSON() JSONObject
getModel() String
setAcquisitionDate(LocalDateTime) void

DealerCatalog
DealerCatalog()
dealers Dealers
instance DealerCatalog
getDealers() Dealers
printAllDealers() void
getInstance() DealerCatalog
enableDealerAcquisition(int) void
getAllVehiclesOfDealer(int) void
disableDealerAcquisition(int) void

Dealers
Dealers()
dealers Set<Dealer>
iterator() Iterator<Dealer>
getDealers() Set<Dealer>
size() int
addDealer(Dealer) void
deleteDealer(int) void
toString() String
findDealerById(int) Dealer

Dealer
Dealer(int)
id int
vehicleAcquisitionEnabled boolean
findVehicleById(String) Vehicle
toString() String
vehicleAcquisitionEnabled() boolean
disableVehicleAcquisition() void
getId() int
enableVehicleAcquisition(int) void
getVehicles() Set<Vehicle>
hashCode() int
equals(Object) boolean

UserDriver
UserDriver()
printWelcomeBanner() void
printCurrentInventoryStatus() void
printOptions() void
main(String[]) void
printExitMessage() void

Main
Main()
main(String[]) void

JSONObjectBuilder
JSONObjectBuilder()
validateJSON(JSONObject) void
build(Vehicle) JSONObject

JSONFileExporter
JSONFileExporter()
file File
exportToFile() void

JSONIOTester
JSONIOTester()
main(String[]) void

JSONFileImporter
JSONFileImporter()
VEHICLE_MANUFACTURER_KEY String
dealers Dealers
jsonObject JSONObject
DEALER_ID_KEY String
dealer Dealer
VEHICLE_ID_KEY String
VEHICLE_MODEL_KEY String
jsonArray JSONArray
VEHICLE_TYPE_KEY String
PRICE_KEY String
vehicles Vehicles
ACQUISITION_DATE_KEY String
reader Reader
jsonParser JSONParser
vehicle Vehicle
getDealers() Dealers
getVehicles() Vehicles
createVehicle(JSONObject) Vehicle
getDealer(JSONObject) Dealer
processJSON() void
printDealerKeys() void

Sedan
Sedan(Builder)
Sedan(String, String, String, double, Dealer, LocalDateTime)
id String
dealer Dealer
model String
price double
acquisitionDate LocalDateTime
manufacturer String
getPrice() double
getAcquisitionDate() LocalDateTime
setPrice(double) void
setDealer(Dealer) void
getDealer() Dealer
toJSON() JSONObject
getId() String
builder() Builder
toString() String
hashCode() int
getModel() String
getManufacturer() String
setAcquisitionDate(LocalDateTime) void
equals(Object) boolean

SUV
SUV(String, String, String, double, Dealer, LocalDateTime)
SUV(Builder)
id String
price double
acquisitionDate LocalDateTime
manufacturer String
model String
dealer Dealer
getDealer() Dealer
hashCode() int
setAcquisitionDate(LocalDateTime) void
toString() String
builder() Builder
setDealer(Dealer) void
getPrice() double
getModel() String
getManufacturer() String
getId() String
setPrice(double) void
toJSON() JSONObject
equals(Object) boolean
getAcquisitionDate() LocalDateTime

SportsCar
SportsCar(String, String, String, double, Dealer, LocalDateTime)
SportsCar(Builder)
id String
model String
price double
dealer Dealer
manufacturer String
acquisitionDate LocalDateTime
builder() Builder
getAcquisitionDate() LocalDateTime
equals(Object) boolean
setPrice(double) void
hashCode() int
toString() String
toJSON() JSONObject
getManufacturer() String
getModel() String
setDealer(Dealer) void
getId() String
setAcquisitionDate(LocalDateTime) void
getPrice() double
getDealer() Dealer

Pickup
Pickup(Builder)
dealer Dealer
manufacturer String
model String
price double
id String
acquisitionDate LocalDateTime
toString() String
setPrice(double) void
getModel() String
setDealer(Dealer) void
setAcquisitionDate(LocalDateTime) void
equals(Object) boolean
hashCode() int
getPrice() double
getManufacturer() String
getAcquisitionDate() LocalDateTime
builder() Builder
toJSON() JSONObject
getId() String
getDealer() Dealer