

RRCAG.Data Documentation

DataRetriever Class

Provides methods for retrieving vehicle data.

Namespace: RRCAG.Data

Assembly: Data.dll

Inheritance Hierarchy

[System.Object](#)

Syntax

```
public static class DataRetriever
```

Methods

GetVehicles()

Returns a List of Vehicles.

Return Value

Type: System.Collections.Generic.List<Vehicle>

A List of Vehicles.

Vehicle Class

Represents a Vehicle.

Namespace: RRCAG.Data

Assembly: Data.dll

Inheritance Hierarchy
[System.Object](#)

Syntax

```
public class Vehicle
```

Constructors

Vehicle(System.String, System.Int32, System.String, System.String, System.Int32, System.Boolean, System.String, System.Decimal)

Initializes a new instance of the Vehicle class.

Parameters

stockID: The stock ID of the Vehicle.

manufacturedYear: The year the Vehicle was manufactured.

manufacturer: The company that manufactured the Vehicle.

model: The model of the Vehicle.

mileage: The mileage of the Vehicle in kilometers.

isAutomatic: Whether the Vehicle has an automatic transmission.

colour: The colour of the Vehicle.

basePrice: The base price of the Vehicle.

Exceptions

System.ArgumentException: When the stock ID is blank.

System.ArgumentOutOfRangeException: When the year is less than 1885.

System.ArgumentOutOfRangeException: When the year is greater than 9999.

System.ArgumentException: When the manufacturer is blank.

System.ArgumentException: When the model is blank.

System.ArgumentOutOfRangeException: When the mileage is less than zero.

System.ArgumentException: When the colour is blank.

System.ArgumentOutOfRangeException: When the base price is less than zero.

Properties

StockID

Gets and sets the Vehicle's Stock ID.

Type: System.String

Exceptions

System.ArgumentException: When the value is blank.

ManufacturedYear

Gets and sets the year the Vehicle was manufactured.

Type: System.Int32

Exceptions

System.ArgumentOutOfRangeException: When the value is less than 1885.

System.ArgumentOutOfRangeException: When the value is greater than 9999.

Manufacturer

Gets and sets the company that manufactured the Vehicle.

Type: System.String

Exceptions

System.ArgumentException: When the value is blank.

Model

Gets and sets the model of the Vehicle.

Type: System.String

Exceptions

System.ArgumentException: When the value is blank.

Mileage

Gets and sets the Vehicle's mileage in kilometers.

Type: System.Int32

Exceptions

System.ArgumentOutOfRangeException: When the value is less than zero.

IsAutomatic

Gets and sets whether the Vehicle has an automatic transmission.

Type: System.Boolean

Colour

Gets and sets the colour of the Vehicle.

Type: System.String

Exceptions

System.ArgumentException: When the value is blank.

BasePrice

Gets and sets the base price of the vehicle.

Type: System.Decimal

Exceptions

System.ArgumentOutOfRangeException: When the value is less than zero.

Methods

ToString()

Returns a String representation of the Vehicle.

Return Value

Type: System.String

A String representation of the Vehicle.

Remarks

Example:

11111 - 2014 Chevrolet Camaro