

Baocheng Rental System API Docs

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Chapter 1. Overview

Baocheng Rental System API Docs

1.1. Version information

Version : 1.0

1.2. Contact information

Contact : Jidong Li

Contact Email : qinqiqili@163.com

1.3. URI scheme

Host : localhost:8080

BasePath : /

1.4. Tags

- CarRepertoryController : Car Repertory Controller
- RentalCarController : Rental Car Controller

Chapter 2. Resources

2.1. CarRepertoryController

Car Repertory Controller

2.1.1. addCar

POST /add/car

Parameters

Type	Name	Description	Schema
Body	car <i>required</i>	car	CarReq

Responses

HTTP Code	Description	Schema
200	OK	CarRes
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

2.1.2. addCars

POST /add/cars

Parameters

Type	Name	Description	Schema
Body	carList <i>required</i>	carList	< CarReq > array

Responses

HTTP Code	Description	Schema
200	OK	CarRes
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- [/](#)

2.1.3. viewCar

POST /view/car

Parameters

Type	Name	Description	Schema
Body	car <i>required</i>	car	Car

Responses

HTTP Code	Description	Schema
200	OK	CarRes
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

2.1.4. viewCars

POST /view/cars

Parameters

Type	Name	Description	Schema
Body	carList <i>required</i>	carList	< Car > array

Responses

HTTP Code	Description	Schema
200	OK	CarRes
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

2.1.5. viewCarsAll

GET /view/cars/all

Responses

HTTP Code	Description	Schema
200	OK	CarRes
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

2.2. RentalCarController

Rental Car Controller

2.2.1. backCar

POST /back/cars

Parameters

Type	Name	Description	Schema
Body	backOrderReq <i>required</i>	backOrderReq	BackOrderReq

Responses

HTTP Code	Description	Schema
200	OK	BackOrderRes
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

2.2.2. Hello

GET /hello

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

2.2.3. rentalCar

POST /rent/cars

Parameters

Type	Name	Description	Schema
Body	rentalOrderReq <i>required</i>	rentalOrderReq	RentalOrderReq

Responses

HTTP Code	Description	Schema
200	OK	RentalOrderRes
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- [application/json](#)

Produces

- /

Chapter 3. Definitions

3.1. BackOrderDetail

Name	Schema
car <i>optional</i>	Car
id <i>optional</i>	integer(int64)
orderQuantity <i>optional</i>	integer(int64)
state <i>optional</i>	enum (NORMAL, CAR_IS_NULL, ORDER_QUANTITY_ILLEGAL, DB_QUANTITY_ILLEGAL, DAILY_RENT_ILLEGAL, TENANCY_ILLEGAL, ORDER_DETAIL_IS_NULL)

3.2. BackOrderReq

Name	Schema
backOrderDetailList <i>optional</i>	< BackOrderDetail > array
backOrderId <i>optional</i>	integer(int64)
borrower <i>optional</i>	Borrower

3.3. BackOrderRes

Name	Schema
backOrderDetailList <i>optional</i>	< BackOrderDetail > array
backOrderId <i>optional</i>	integer(int64)
borrower <i>optional</i>	Borrower
state <i>optional</i>	enum (NORMAL, BACK_ORDER_IS_NULL, BACK_ORDER_DETAIL_IS_NULL, BORROWER_IS_NULL, ALL_BACK_ORDER_DETAIL_IS_EXCEPTION)

3.4. Borrower

Name	Schema
id <i>optional</i>	integer(int64)
idNumber <i>optional</i>	string
name <i>optional</i>	string
phoneCode <i>optional</i>	string

3.5. Car

Name	Schema
carModel <i>optional</i>	string

3.6. CarReq

Name	Schema
car <i>optional</i>	Car
quantity <i>optional</i>	integer(int64)

3.7. CarRes

Name	Schema
carQuantityMap <i>optional</i>	< string, integer(int64) > map
state <i>optional</i>	enum (NORMAL, CARS_IS_NULL)

3.8. RentalOrderDetail

Name	Schema
actualRentalQuantity <i>optional</i>	integer(int64)

Name	Schema
car <i>optional</i>	Car
dailyRent <i>optional</i>	number
discount <i>optional</i>	number
discountAmount <i>optional</i>	number
fromDay <i>optional</i>	string(date)
id <i>optional</i>	integer(int64)
orderQuantity <i>optional</i>	integer(int64)
realAmount <i>optional</i>	number
state <i>optional</i>	enum (NORMAL, CAR_IS_NULL, ORDER_QUANTITY_ILLEGAL, DB_QUANTITY_ILLEGAL, DAILY_RENT_ILLEGAL, TENANCY_ILLEGAL, ORDER_DETAIL_IS_NULL)
toDay <i>optional</i>	string(date)
totalAmount <i>optional</i>	number

3.9. RentalOrderReq

Name	Schema
borrower <i>optional</i>	Borrower
rentalOrderDetailList <i>optional</i>	< RentalOrderDetail > array
rentalOrderReqId <i>optional</i>	integer(int64)

3.10. RentalOrderRes

Name	Schema
borrower <i>optional</i>	Borrower
discountAmount <i>optional</i>	number
realAmount <i>optional</i>	number
rentalOrderDetailList <i>optional</i>	< RentalOrderDetail > array
rentalOrderReqId <i>optional</i>	integer(int64)
state <i>optional</i>	enum (NORMAL, ORDER_DETAIL_ALL_EXCEPTION, ORDER_IS_NULL, BORROWER_IS_NULL, ORDER_DETAIL_IS_NULL)
totalAmount <i>optional</i>	number