
Car Rental REST API

Introduction

REST API for a car rental system

Overview

This API allows a client to access a car rental system using REST calls.

Authentication

Not applicable

Error Codes

- 200 OK
- 201 Created
- 404 Not Found

Rate limit

Not applicable

GET List all rentals

http://localhost:8080/rental

List all rentals

Example Request

Default ▾

```
curl --location --request GET "http://localhost:8080/rental"
```

Example Response

200 –

POST Create new rental

http://localhost:8080/rental

Create new rental

HEADERS

Content-Type

application/json

BODY raw

```
{
  "name" : "Andre",
  "startDate" : "2019-09-01",
  "endDate" : "2019-09-11"
}
```

Example Request

Default ▾

```
curl --location --request POST "http://localhost:8080/rental" \
--data ""
```

Example Response

200 –

GET Search rental by name

http://localhost:8080/rental/search/findByName?name=Frodo%20Baggins

Search by name

PARAMS

name

Frodo%20Baggins

Example Request

Default ▾

```
curl --location --request GET "http://localhost:8080/rental/search/findOneById?id=5d7b59b82d967d5b5044e7cd"
```

Example Response

```
200 -
```

DEL Delete rental

```
http://localhost:8080/rental/5d7b59b82d967d5b5044e7cd
```

Delete a rental

Example Request

```
Delete
```

```
curl --location --request DELETE "http://localhost:8080/rental/5d7b59b82d967d5b5044e7cd"
```

PATCH Patch rental

```
http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc
```

Change a field of one record

HEADERS

Content-Type

```
application/json
```

BODY raw

```
{
  "endDate" : "2019-09-13"
}
```

Example Request

```
Patch
```

```
curl --location --request PATCH "http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc" \
--header "Content-Type: application/json" \
--data "{
  \"endDate\" : \"2019-09-13\"
}"
```

Example Response

200 – OK

```
{
  "name": "Frodo Baggins",
  "startDate": "2019-09-01T00:00:00.000+0000",
  "endDate": "2019-09-13T00:00:00.000+0000",
  "_links": {
    "self": {
      "href": "http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc"
    },
    "rental": {
      "href": "http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc"
    }
  }
}
```

PUT Put rental

http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc

Replace a whole record

HEADERS

Content-Type

application/json

BODY raw

```
{
  "name" : "Andre",
  "startDate" : "2019-09-01",
  "endDate" : "2019-09-11"
}
```

Example Request

Put rental

```
curl --location --request PUT "http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc" \
--header "Content-Type: application/json" \
--data "{
  \"name\" : \"Andre\",
  \"startDate\" : \"2019-09-01\",
  \"endDate\" : \"2019-09-11\"
}"
```

GET Get rental by id

```
http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc
```

Example Request

Get rental by id

```
curl --location --request GET "http://localhost:8080/rental/5d7b53f82d967d5b5044e7cc"
```