

Filter... x

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restful-booker

API documentation for the playground API restful-booker. [Click here to go back to Home](#)

Auth

Auth - CreateToken

Creates a new auth token to use for access to the PUT and DELETE /booking

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POST

<https://restful-booker.herokuapp.com/auth>

Example 1:

```
curl -X POST \
  https://restful-booker.herokuapp.com/auth \
  -H 'Content-Type: application/json' \
  -d '{
    "username" : "admin",
    "password" : "password123"
}'
```

Header

Field	Type	Description
Content-Type	string	Sets the format of payload you are sending Default value: <code>application/json</code>

Request body

Field	Type	Description
username	String	Username for authentication Default value: <code>admin</code>
password	String	Password for authentication Default value: <code>password123</code>

Success 200

Field	Type	Description
token	String	Token to use in future requests

Field	Type	Description
username	String	Username for authentication Default value: <code>admin</code>
password	String	Password for authentication Default value: <code>password123</code>

Success 200

Field	Type	Description
token	String	Token to use in future requests

Response:

HTTP/1.1 200 OK

```
{
  "token": "abc123"
}
```

Booking

Booking - GetBookingIds

1.0.0 ▾

Returns the ids of all the bookings that exist within the API. Can take optional query strings to search and return a subset of booking ids.

GET

<https://restful-booker.herokuapp.com/booking>

Example 1 (All IDs):

[Example 2 \(Filter by name\):](#)

[Example 3 \(Filter by checkin/checkout date\):](#)

```
curl -i https://restful-booker.herokuapp.com/booking
```

Parameter

Field	Type	Description
firstname	<small>optional</small>	String Return bookings with a specific firstname
lastname	<small>optional</small>	String Return bookings with a specific lastname
checkin	<small>optional</small>	date Return bookings that have a checkin date greater than or equal to the set checkin date. Format must be CCYY-MM-DD
checkout	<small>optional</small>	date Return bookings that have a checkout date greater than or equal to the set checkout date. Format must be CCYY-MM-DD

Success 200

Field	Type	Description
object	object[]	Array of objects that contain unique booking IDs
bookingid	number	ID of a specific booking that matches search criteria

Response:

HTTP/1.1 200 OK

```
[  
  {  
    "bookingid": 1  
  },  
  {  
    "bookingid": 2  
  },  
  {  
    "bookingid": 3  
  },  
  {  
    "bookingid": 4  
  }  
]
```

Booking - GetBooking

1.0.0 ▾

Returns a specific booking based upon the booking id provided

GET

<https://restful-booker.herokuapp.com/booking/:id>

Example 1 (Get booking):

```
curl -i https://restful-booker.herokuapp.com/booking/1
```

Header

Field	Type	Description
Accept	string	Sets what format the response body is returned in. Can be application/json or application/xml Default value: <code>application/json</code>

Url Parameter

Field	Type	Description
id	String	The id of the booking you would like to retrieve

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Field	Type	Description
id	String	The id of the booking you would like to retrieve

Success 200

Field	Type	Description
firstname	String	Firstname for the guest who made the booking
lastname	String	Lastname for the guest who made the booking
totalprice	Number	The total price for the booking
depositpaid	Boolean	Whether the deposit has been paid or not
bookingdates	Object	Sub-object that contains the checkin and checkout dates
checkin	Date	Date the guest is checking in
checkout	Date	Date the guest is checking out
additionalneeds	String	Any other needs the guest has

JSON Response:

[XML Response:](#)

[URL Response:](#)

HTTP/1.1 200 OK

```
{
  "firstname": "Sally",
  "lastname": "Brown",
  "totalprice": 111,
  "depositpaid": true,
  "bookingdates": {
    "checkin": "2013-02-23",
    "checkout": "2014-10-23"
  },
  "additionalneeds": "Breakfast"
}
```

Booking - CreateBooking

1.0.0 ▾

Creates a new booking in the API

POST

<https://restful-booker.herokuapp.com/booking>

JSON example usage: [XML example usage:](#) [URLEncoded example usage:](#)

```
curl -X POST \
  https://restful-booker.herokuapp.com/booking \
  -H 'Content-Type: application/json' \
  -d '{
    "firstname" : "Jim",
    "lastname" : "Brown",
    "totalprice" : 111,
    "depositpaid" : true,
    "bookingdates" : {
      "checkin" : "2018-01-01",
      "checkout" : "2019-01-01"
    },
    "additionalneeds" : "Breakfast"
  }'
```

Header

Field	Type	Description
Content-Type	string	Sets the format of payload you are sending. Can be application/json or text/xml Default value: <code>application/json</code>
Accept	string	Sets what format the response body is returned in. Can be application/json or application/xml Default value: <code>application/json</code>

Request body

Field	Type	Description
firstname	String	Firstname for the guest who made the booking
lastname	String	Lastname for the guest who made the booking
totalprice	Number	The total price for the booking
depositpaid	Boolean	Whether the deposit has been paid or not
checkin	Date	Date the guest is checking in
checkout	Date	Date the guest is checking out
additionalneeds	String	Any other needs the guest has

Success 200

Field	Type	Description
bookingid	Number	ID for newly created booking
booking	Object	Object that contains
firstname	String	Firstname for the guest who made the booking
lastname	String	Lastname for the guest who made the booking
totalprice	Number	The total price for the booking
depositpaid	Boolean	Whether the deposit has been paid or not
bookingdates	Object	Sub-object that contains the checkin and checkout dates
checkin	Date	Date the guest is checking in
checkout	Date	Date the guest is checking out
additionalneeds	String	Any other needs the guest has

JSON Response:

XML Response:

URL Response:

HTTP/1.1 200 OK

```
{  
  "bookingid": 1,  
  "booking": {  
    "firstname": "Jim",  
    "lastname": "Brown",  
    "totalprice": 111,  
    "depositpaid": true,  
    "bookingdates": {  
      "checkin": "2018-01-01",  
      "checkout": "2019-01-01"  
    },  
    "additionalneeds": "Breakfast"  
  }  
}
```

Booking - UpdateBooking

1.0.0 ▾

Updates a current booking

PUT

<https://restful-booker.herokuapp.com/booking/:id>

JSON example usage:

XML example usage:

URLEncoded example usage:

```
curl -X PUT \
  https://restful-booker.herokuapp.com/booking/1 \
  -H 'Content-Type: application/json' \
  -H 'Accept: application/json' \
  -H 'Cookie: token=abc123' \
  -d '{
    "firstname" : "James",
    "lastname" : "Brown",
    "totalprice" : 111,
    "depositpaid" : true,
    "bookingdates" : {
      "checkin" : "2018-01-01",
      "checkout" : "2019-01-01"
    },
    "additionalneeds" : "Breakfast"
  }'
```

Header

Field	Type	Description
Content-Type	string	Sets the format of payload you are sending. Can be application/json or text/xml Default value: <code>application/json</code>
Accept	string	Sets what format the response body is returned in. Can be application/json or application/xml Default value: <code>application/json</code>
Cookie	<small>optional</small>	Sets an authorization token to access the PUT endpoint, can be used as an alternative to the Authorization Default value: <code>token=<token_value></code>
Authorization	<small>optional</small>	YWRtaW46cGFzc3dvcmQxMjM=] Basic authorization header to access the PUT endpoint, can be used as an alternative to the Cookie header Default value: <code>Basic</code>

Url Parameter

Field	Type	Description
<code>id</code>	Number	ID for the booking you want to update

Request body

Field	Type	Description
<code>firstname</code>	String	Firstname for the guest who made the booking

lastname	String	Lastname for the guest who made the booking
totalprice	Number	The total price for the booking
depositpaid	Boolean	Whether the deposit has been paid or not
checkin	Date	Date the guest is checking in
checkout	Date	Date the guest is checking out
additionalneeds	String	Any other needs the guest has

Success 200

Field	Type	Description
firstname	String	Firstname for the guest who made the booking
lastname	String	Lastname for the guest who made the booking
totalprice	Number	The total price for the booking
depositpaid	Boolean	Whether the deposit has been paid or not
bookingdates	Object	Sub-object that contains the checkin and checkout dates
checkin	Date	Date the guest is checking in
checkout	Date	Date the guest is checking out
additionalneeds	String	Any other needs the guest has

JSON Response:

XML Response:

URL Response:

HTTP/1.1 200 OK

```
{
  "firstname" : "James",
  "lastname" : "Brown",
  "totalprice" : 111,
  "depositpaid" : true,
  "bookingdates" : {
    "checkin" : "2018-01-01",
    "checkout" : "2019-01-01"
  },
  "additionalneeds" : "Breakfast"
}
```

Booking - PartialUpdateBooking

1.0.0 ▾

Updates a current booking with a partial payload

PATCH

<https://restful-booker.herokuapp.com/booking/:id>

JSON example usage:

XML example usage:

URLencoded example usage:

```
curl -X PUT \
  https://restful-booker.herokuapp.com/booking/1 \
  -H 'Content-Type: application/json' \
  -H 'Accept: application/json' \
  -H 'Cookie: token=abc123' \
  -d '{
    "firstname" : "James",
    "lastname" : "Brown"
  }'
```

Header

Field	Type	Description
Content-Type	string	Sets the format of payload you are sending. Can be application/json or text/xml Default value: <code>application/json</code>
Accept	string	Sets what format the response body is returned in. Can be application/json or application/xml Default value: <code>application/json</code>
Cookie	string	Sets an authorization token to access the PUT endpoint, can be used as an alternative to the Authorization Default value: <code>token=<token_value></code>
Authorization	string	YWRtaW46cGFzc3dvcmQxMjM=] Basic authorization header to access the PUT endpoint, can be used as an alternative to the Cookie header Default value: <code>Basic</code>

Url Parameter

Field	Type	Description
<code>id</code>	Number	ID for the booking you want to update

Request body

Field	Type	Description
<code>firstname</code>	String	Firstname for the guest who made the booking

lastname	optional	String	Lastname for the guest who made the booking
totalprice	optional	Number	The total price for the booking
depositpaid	optional	Boolean	Whether the deposit has been paid or not
checkin	optional	Date	Date the guest is checking in
checkout	optional	Date	Date the guest is checking out
additionalneeds	optional	String	Any other needs the guest has

Success 200

Field	Type	Description
firstname	String	Firstname for the guest who made the booking
lastname	String	Lastname for the guest who made the booking
totalprice	Number	The total price for the booking
depositpaid	Boolean	Whether the deposit has been paid or not
bookingdates	Object	Sub-object that contains the checkin and checkout dates
checkin	Date	Date the guest is checking in
checkout	Date	Date the guest is checking out
additionalneeds	String	Any other needs the guest has

JSON Response: [XML Response](#) [URL Response](#)

HTTP/1.1 200 OK

```
{
  "firstname" : "James",
  "lastname" : "Brown",
  "totalprice" : 111,
  "depositpaid" : true,
  "bookingdates" : {
    "checkin" : "2018-01-01",
    "checkout" : "2019-01-01"
  },
  "additionalneeds" : "Breakfast"
}
```

Booking - DeleteBooking

1.0.0 ▾

Deletes a booking from the API. Requires an authorization token to be set in the header or a Basic auth header.

DELETE

<https://restful-booker.herokuapp.com/booking/1>

Example 1 (Cookie):

Example 2 (Basic auth):

```
curl -X DELETE \
  https://restful-booker.herokuapp.com/booking/1 \
  -H 'Content-Type: application/json' \
  -H 'Cookie: token=abc123'
```

Header

Field	Type	Description
Cookie	<small>optional</small>	string Sets an authorization token to access the DELETE endpoint, can be used as an alternative to the Authorization Default value: <code>token=<token_value></code>
Authorization	<small>optional</small>	string YWRtaW46cGFzc3dvcmQxMjM=] Basic authorization header to access the DELETE endpoint, can be used as an alternative to the Cookie header Default value: <code>Basic</code>

Url Parameter

Field	Type	Description
id	Number	ID for the booking you want to update

Success 200

Field	Type	Description
OK	String	Default HTTP 201 response

Response:

HTTP/1.1 201 Created

Ping

Ping - HealthCheck

1.0.0 ▾

A simple health check endpoint to confirm whether the API is up and running.

GET

```
https://restful-booker.herokuapp.com/ping
```

Ping server:

```
curl -i https://restful-booker.herokuapp.com/ping
```

Success 200

Field	Type	Description
OK	String	Default HTTP 201 response

Response:

```
HTTP/1.1 201 Created
```