

## Simple Books API

This API allows you to reserve a book.

The API is available at <https://simple-books-api.glitch.me>

### Endpoints

#### Status

GET /status

Returns the status of the API.

#### List of books

GET /books

Returns a list of books.

Optional query parameters:

- type: fiction or non-fiction
- limit: a number between 1 and 20.

#### Get a single book

GET /books/:bookId

Retrieve detailed information about a book.

#### Submit an order

POST /orders

Allows you to submit a new order. Requires authentication.

The request body needs to be in JSON format and include the following properties:

- bookId - Integer - Required
- customerName - String - Required

#### Example

POST /orders/

Authorization: Bearer <YOUR TOKEN>

```
{  
  "bookId": 1,  
  "customerName": "John"  
}
```

The response body will contain the order Id.

Get all orders

GET /orders

Allows you to view all orders. Requires authentication.

Get an order

GET /orders/:orderId

Allows you to view an existing order. Requires authentication.

Update an order

PATCH /orders/:orderId

Update an existing order. Requires authentication.

The request body needs to be in JSON format and allows you to update the following properties:

- customerName - String

Example

PATCH /orders/PF6MfIPDcuhWobZcgmJy5

Authorization: Bearer <YOUR TOKEN>

```
{  
  "customerName": "John"  
}
```

Delete an order

DELETE /orders/:orderId

Delete an existing order. Requires authentication.

The request body needs to be empty.

Example

DELETE /orders/PF6MfIPDcuhWobZcgmJy5

Authorization: Bearer <YOUR TOKEN>

API Authentication

To submit or view an order, you need to register your API client.

POST /api-clients/

The request body needs to be in JSON format and include the following properties:

- clientName - String
- clientEmail - String

### Example

```
{  
  "clientName": "Postman",  
  "clientEmail": "test@example.com"  
}
```

The response body will contain the access token. The access token is valid for 7 days.

### Possible errors

Status code 409 - "API client already registered." Try changing the values for clientEmail and clientName to something else.