Books API

This API allows you to reserve a book.

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

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": "valentin@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.

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/PF6MflPDcuhWobZcgmJy5
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/PF6MflPDcuhWobZcgmJy5
Authorization: Bearer <YOUR TOKEN>
```