**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/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>

**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.