# **Simple 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>