

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/PF6Mf1PDcuhWobZcgmJy5
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/PF6Mf1PDcuhWobZcgmJy5
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.

