

## # 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.