



# Book Management API v1

[ Base URL: 127.0.0.1:8000/api ]

<http://127.0.0.1:8000/swagger/?format=openapi>

API for managing books

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Schemes

HTTP

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Filter by tag

## books



GET

/books/

books\_list



Parameters

[Try it out](#)

Name	Description
------	-------------

page	A page number within the paginated result set.
integer (query)	page

Responses

Response content type

application/json



Code	Description
200	<p>Example Value   Model</p> <pre>     &lt;?       {         count*           integer         next             string(\$uri)         x-nullable: true         previous         string(\$uri)         x-nullable: true         results*         [Book &lt;?           id               ID &gt; [...]           title*          Title &gt; [...]           author*         Author &gt; [...]           published_date* Published date &gt; [...]           genre*          Genre &gt; [...]           price*          Price &gt; [...]         &gt;]       }     &gt;   </pre>

**POST** /books/ books\_create ^ 

**Parameters** Try it out

Name	Description
<b>data</b> * required	
<b>object</b> (body)	Example Value   Model
	<pre> Book &lt;?   title*           string   title: Title   maxLength: 255   minLength: 1   author*          string   title: Author   maxLength: 255   minLength: 1   published_date* string(\$date)   title: Published date   genre*           string   title: Genre   maxLength: 100   minLength: 1   price*           string(\$decimal)   title: Price &lt;?   } </pre>

**Responses** Response content type application/json ▾

Code	Description
201	Example Value   Model

**Code**

```
Book ▴ {  
    id          integer  
    title*     string  
    readOnly: true  
    title: Title  
    maxLength: 255  
    minLength: 1  
    author*    string  
    title: Author  
    maxLength: 255  
    minLength: 1  
    published_date* string($date)  
    title: Published date  
    genre*     string  
    title: Genre  
    maxLength: 100  
    minLength: 1  
    price*     string($decimal)  
    title: Price  
}  
}
```

**GET**

/books/average\_price/

books\_average\_price

**Parameters****Try it out****Name****Description**page  
integer  
(query)

A page number within the paginated result set.

page

**Responses****Response content type**

application/json

**Code****Description**

200

Example Value | Model

```
  ▼ {  
    count*      integer  
    next        string($uri)  
    x-nullable: true  
    previous    string($uri)  
    x-nullable: true  
    results*    ▼ [Book ▴ {  
        id          integer  
        title*     string  
        readOnly: true  
        title: Title  
        maxLength: 255  
        minLength: 1  
        author*    string  
        title: Author  
        maxLength: 255  
        minLength: 1  
        published_date* string($date)  
        title: Published date  
        genre*     string  
        title: Genre  
        maxLength: 100  
        minLength: 1  
        price*     string($decimal)  
        title: Price  
    }]  
  }
```

ID > [...]  
Title > [...]  
Author > [...]  
Published date > [...]  
Genre > [...]  
Price > [...]

**GET**

/books/{id}/

books\_read

**Parameters****Try it out**

Name	Description
<b>id * required</b> integer (path)	A unique integer value identifying this book.  id

**Responses** Response content type application/json ▾

Code	Description
200	Example Value   Model

```

Book ~ {
    id          integer
    title: ID   string
    readOnly: true
    title*:     string
    title: Title
    maxLength: 255
    minLength: 1
    author*:    string
    title: Author
    maxLength: 255
    minLength: 1
    published_date*: string($date)
    title: Published date
    genre*:     string
    title: Genre
    maxLength: 100
    minLength: 1
    price*:    string($decimal)
    title: Price
}

```

PUT /books/{id}/ books\_update ⌂ 🔒

Parameters Try it out

Name	Description
<b>data * required</b> object (body)	Example Value   Model

```

Book ~ {
    title*:      string
    title: Title
    maxLength: 255
    minLength: 1
    author*:    string
    title: Author
    maxLength: 255
    minLength: 1
    published_date*: string($date)
    title: Published date
    genre*:     string
    title: Genre
    maxLength: 100
    minLength: 1
    price*:    string($decimal)
    title: Price
}

```

**id \* required** A unique integer value identifying this book.  
id

**Responses**

**Code****Description**

200

Example Value | Model

```
Book ↴ {
    id          integer
    title: ID   string
    readOnly: true
    title: Title
    maxLength: 255
    minLength: 1

    author*     string
    title: Author
    maxLength: 255
    minLength: 1

    published_date* string($date)
    title: Published date
    string
    title: Genre
    maxLength: 100
    minLength: 1

    price*      string($decimal)
    title: Price
}
```

**PATCH**[/books/{id}/](#)

books\_partial\_update

[Try it out](#)**Parameters****Name****Description****data** \* required

object

(body)

```
Book ↴ {
    title*      string
    title: Title
    maxLength: 255
    minLength: 1

    author*     string
    title: Author
    maxLength: 255
    minLength: 1

    published_date* string($date)
    title: Published date
    string
    title: Genre
    maxLength: 100
    minLength: 1

    price*      string($decimal)
    title: Price
}
```

**id** \* required

integer

(path)

A unique integer value identifying this book.

**Responses**

## Response content type

## application/json

## ▼

**Code****Description**

200

Example Value | Model

## Code

```
Book ▼ {  
    id          integer  
    title*     string  
    readOnly: true  
    title: ID  
    title: Title  
    maxLength: 255  
    minLength: 1  
    author*    string  
    title: Author  
    maxLength: 255  
    minLength: 1  
    published_date* string  
    title: Published date  
    genre*     string  
    title: Genre  
    maxLength: 100  
    minLength: 1  
    price*     string($decimal)  
    title: Price  
}  
}
```

**DELETE**

/books/{id}/

books\_delete 

## Parameters

[Try it out](#)

Name	Description
<b>id</b> * required <small>integer (path)</small>	A unique integer value identifying this book. <input type="text" value="id"/>

## Responses

Response content type

application/json 

Code	Description
204	

# token



**POST**

/token/

token\_create 

Takes a set of user credentials and returns an access and refresh JSON web token pair to prove the authentication of those credentials.

## Parameters

[Try it out](#)

Name	Description
<b>data</b> * required <small>object (body)</small>	Example Value   Model  <pre>TokenObtainPair ▼ {     username*      string     title: Username     minLength: 1     password*     string     title: Password     minLength: 1 } }</pre>

## Responses

Response content type

application/json

### Code Description

201

Example Value | Model

```
TokenObtainPair ▾ {  
    username*  
        string  
        title: Username  
        minLength: 1  
  
    password*  
        string  
        title: Password  
        minLength: 1  
  
}
```

**POST** /token/refresh/

token\_refresh\_create ⌂ 🔒

Takes a refresh type JSON web token and returns an access type JSON web token if the refresh token is valid.

### Parameters

Try it out

### Name Description

**data** \* required

object

(body)

```
TokenRefresh ▾ {  
    refresh*  
        string  
        title: Refresh  
        minLength: 1  
  
}
```

## Responses

Response content type

application/json

### Code Description

201

Example Value | Model

```
TokenRefresh ▾ {  
    refresh*  
        string  
        title: Refresh  
        minLength: 1  
  
    access  
        string  
        title: Access  
        readOnly: true  
        minLength: 1  
  
}
```

## Models

⌂

```
Book ▼ {  
    id  
        integer  
        title: ID  
        readOnly: true  
    title*  
        string  
        title: Title  
        maxLength: 255  
        minLength: 1  
    author*  
        string  
        title: Author  
        maxLength: 255  
        minLength: 1  
    published_date*  
        string($date)  
        title: Published date  
    genre*  
        string  
        title: Genre  
        maxLength: 100  
        minLength: 1  
    price*  
        string($decimal)  
        title: Price  
  
}
```

```
TokenObtainPair ▼ {  
    username*  
        string  
        title: Username  
        minLength: 1  
    password*  
        string  
        title: Password  
        minLength: 1  
  
}
```

```
TokenRefresh ▼ {  
    refresh*  
        string  
        title: Refresh  
        minLength: 1  
    access  
        string  
        title: Access  
        readOnly: true  
        minLength: 1  
  
}
```