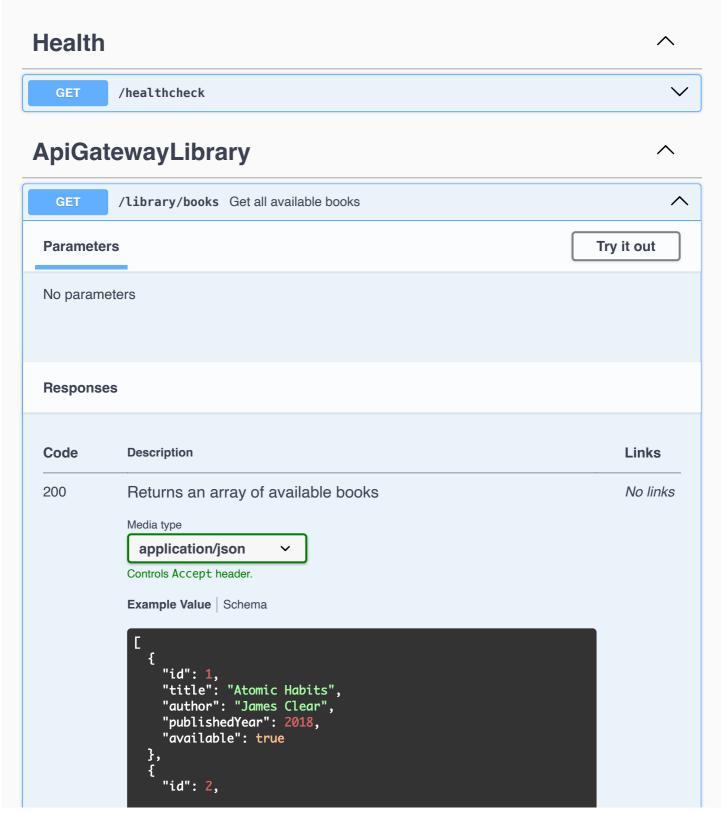


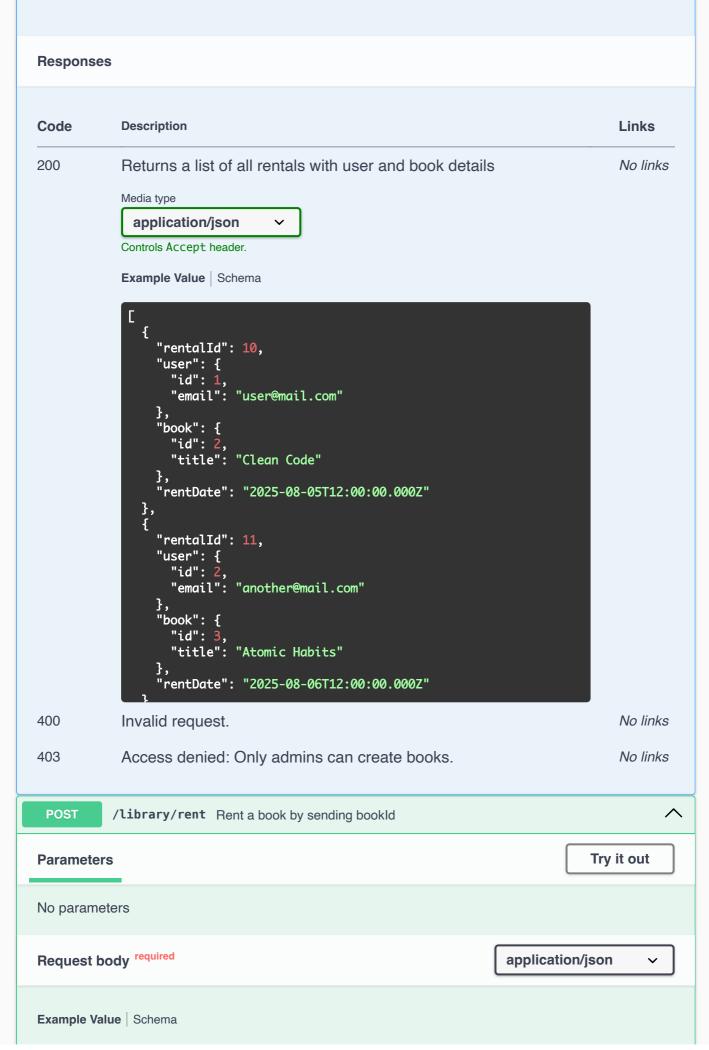


1.0.0 OAS 3.0

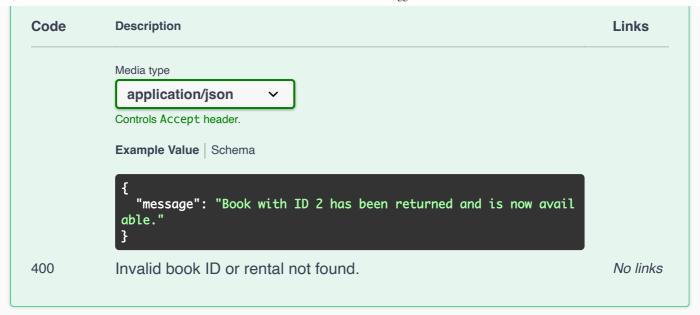
This is the API Gateway for the NestJS Microservices Bookstore project. It serves as the single entry point, forwarding requests to Books, Library, Users, and Roles services.



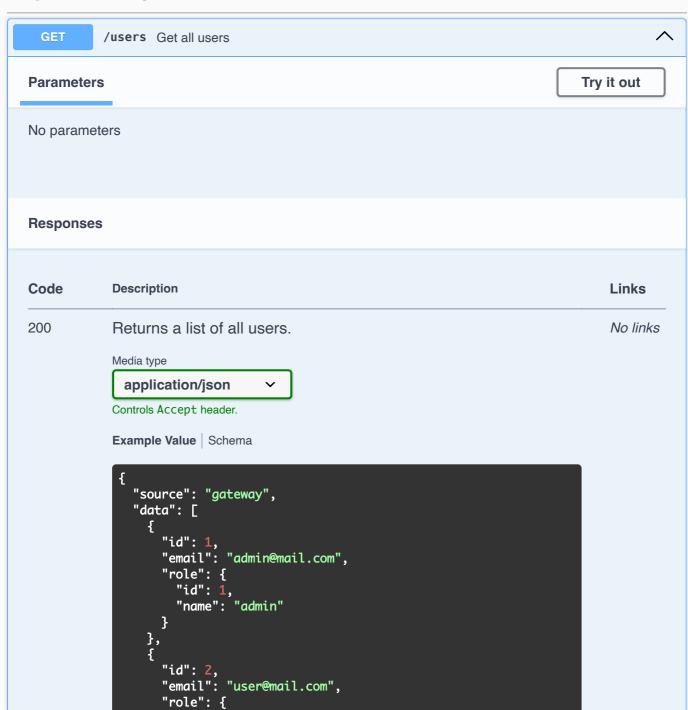
```
Code
            Description
                                                                                         Links
                  "title": "Clean Code",
                  "author": "Robert C. Martin",
                  "publishedYear": 2008,
                  "available": true
             ]
            Invalid data provided.
                                                                                         No links
400
           /library/myBooks Get all books rented by the current user
Parameters
                                                                                    Try it out
No parameters
Responses
Code
            Description
                                                                                        Links
200
            Returns an array of rentals belonging to the current user
                                                                                         No links
            Media type
              application/json
            Controls Accept header.
            Example Value | Schema
                  "rentalId": 10,
                  "book": {
                    "title": "Clean Code",
                    "author": "Robert C. Martin"
                  "rentDate": "2025-08-05T12:00:00.000Z"
                                                                                         No links
400
            Invalid data provided.
           /library/repository List all rentals and their status (Admin Only)
                                                                                    Try it out
Parameters
No parameters
```



```
"bookId": 120
Responses
Code
            Description
                                                                                        Links
201
            Successfully rented the book
                                                                                        No links
            Media type
              application/json
            Controls Accept header.
            Example Value | Schema
                "rentalId": 15,
                "user": {
                  "id": 1,
                  "email": "user@mail.com"
                ;
"book": {
                  "id": 2,
                  "title": "Clean Code"
                "rentDate": "2025-08-05T12:00:00.000Z"
           /library/return/{bookId} Return a rented book by its bookId
 POST
                                                                                    Try it out
Parameters
                   Description
Name
bookld * required
                   ID of the book to return
string
                    2
(path)
Responses
Code
            Description
                                                                                        Links
200
                                                                                        No links
            Book returned successfully
```



## **ApiGatewayUsers**



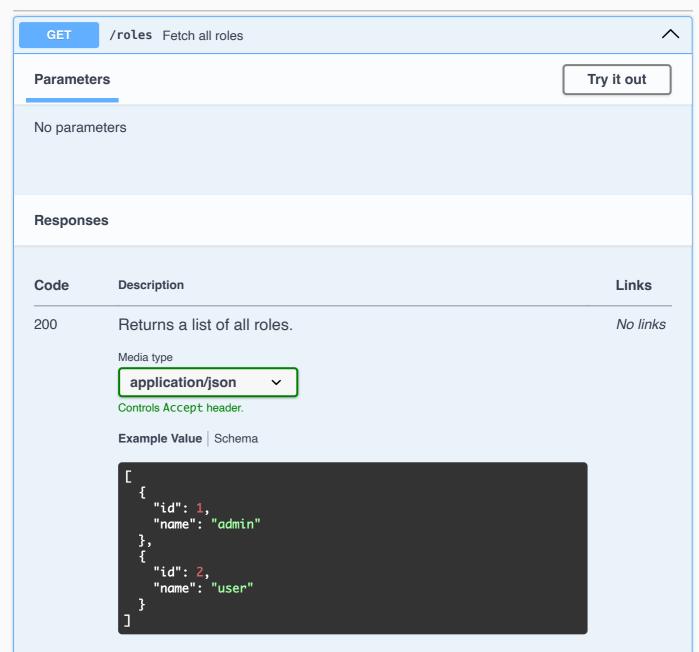
```
Code Description Links

"id": 2,

"name": "user"

}
}
```

## **ApiGatewayRoles**



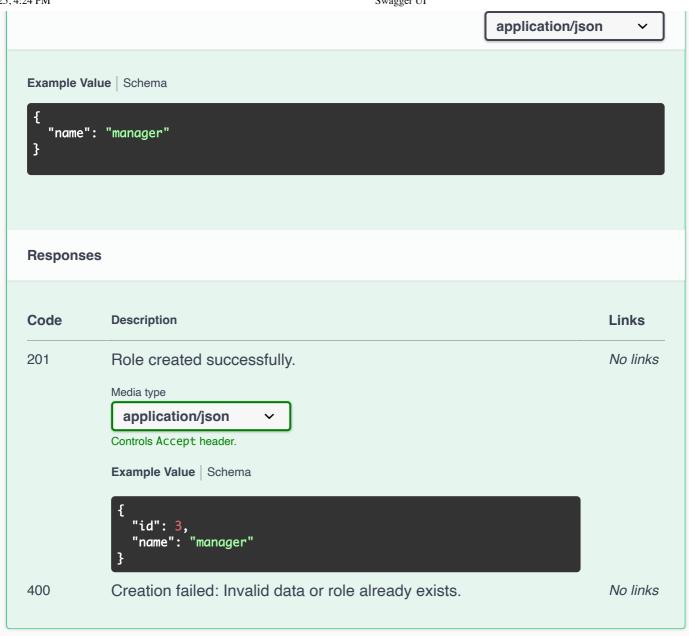
POST /roles/create Create a new role

Parameters

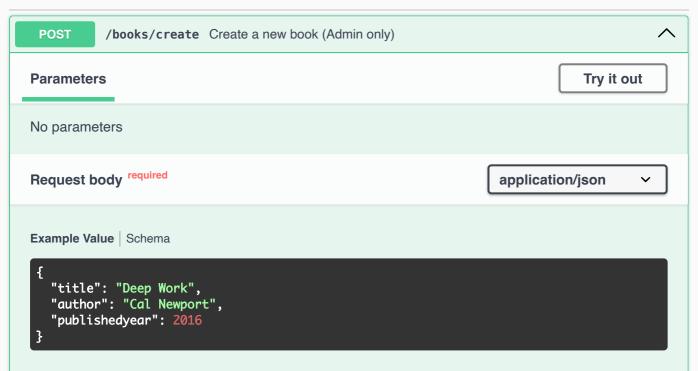
Try it out

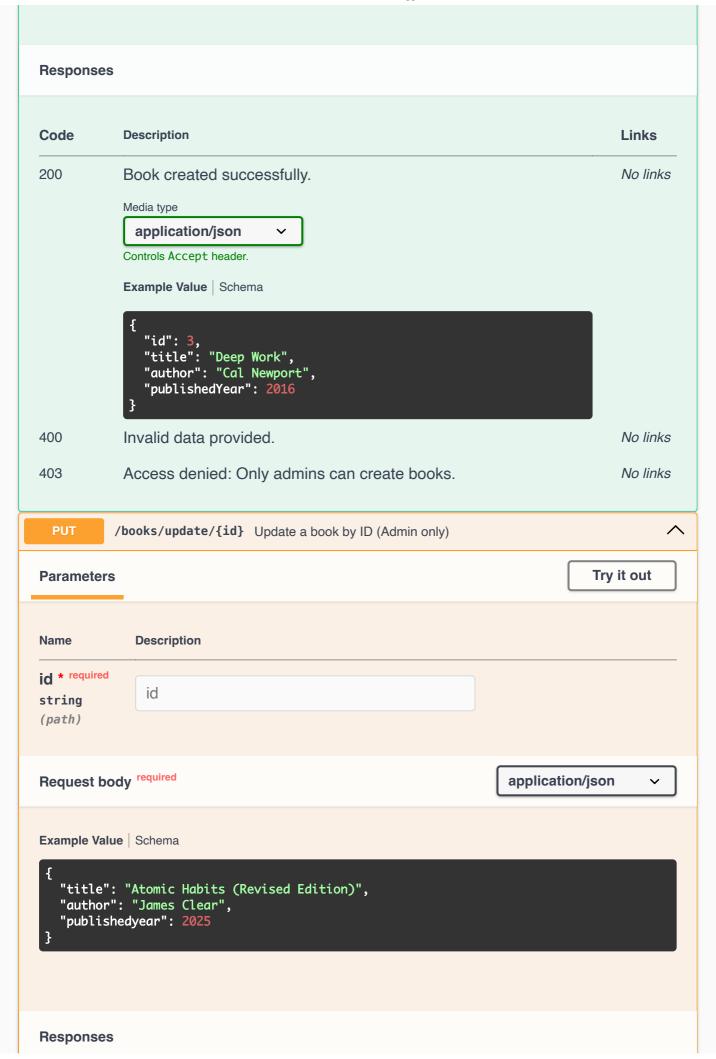
No parameters

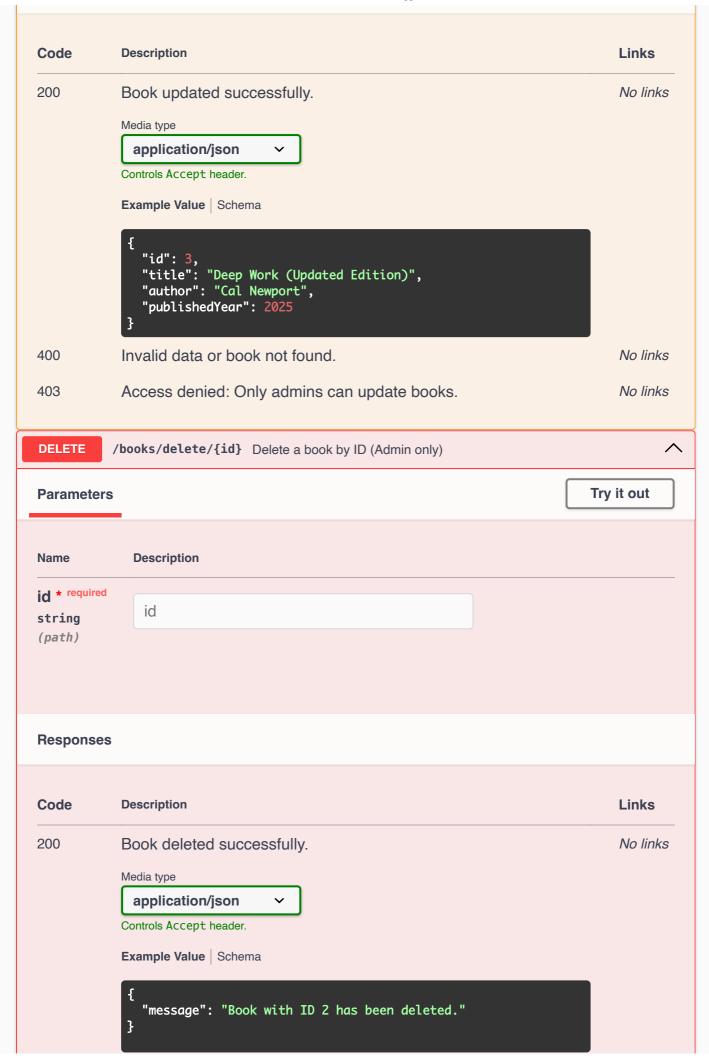
Request body required



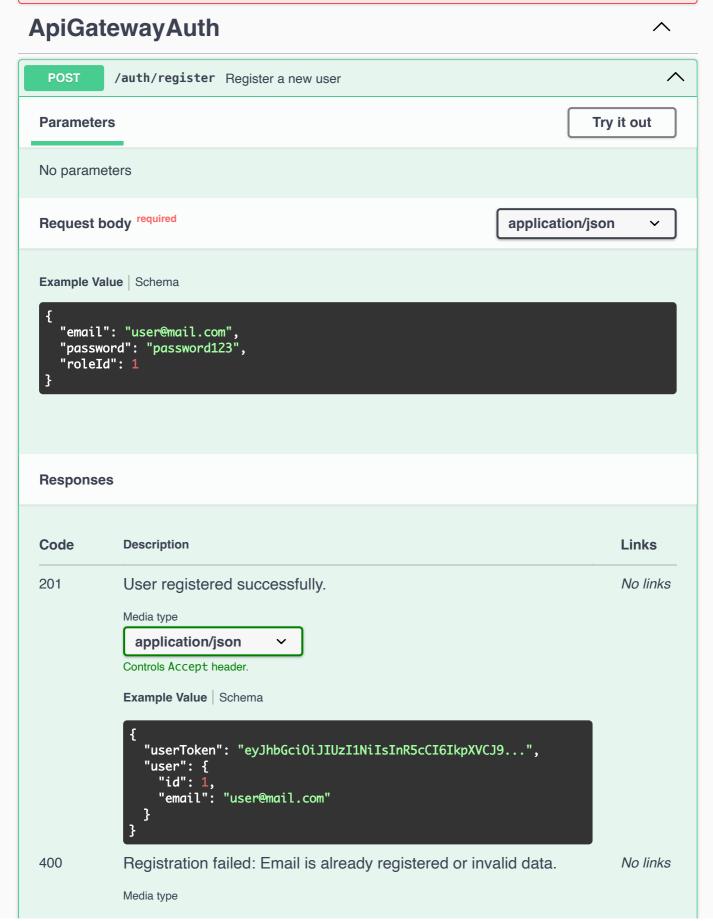
## **ApiGatewayBooks**



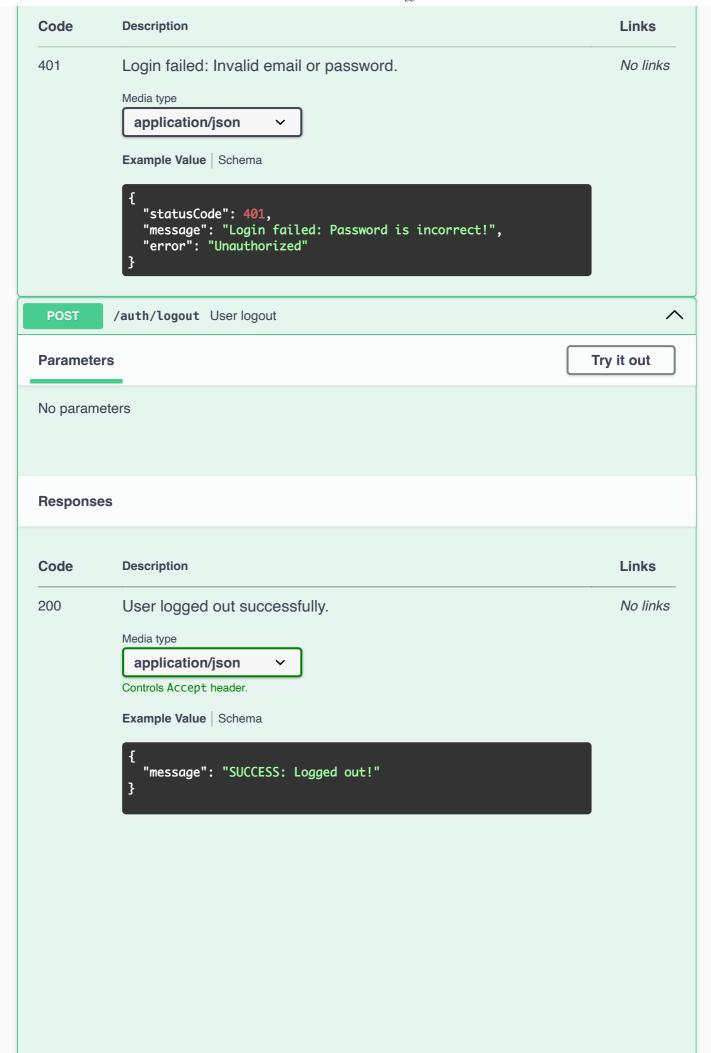




Code	Description	Links
400	Book not found.	No links
403	Access denied: Only admins can delete books.	No links



```
Code
            Description
                                                                                       Links
              application/json
            Example Value | Schema
               "statusCode": 400,
               "message": "Registration failed: This email is already regist
                "error": "Bad Request"
 POST
           /auth/login User login
                                                                                   Try it out
Parameters
No parameters
Request body required
                                                                      application/json
Example Value | Schema
   "email": "user@mail.com",
   "password": "password123"
Responses
Code
            Description
                                                                                       Links
                                                                                       No links
200
            User logged in successfully.
            Media type
              application/json
            Controls Accept header.
            Example Value | Schema
                "message": "SUCCESS: Logged in!",
                "user": {
                 "id": 1,
                  "email": "user@mail.com",
                  "role": "admin"
```



```
Code
             Description
                                                                                            Links
401
             Unauthorized: No active session.
                                                                                            No links
             Media type
               application/json
             Example Value | Schema
                "statusCode": 401,
                "message": "Unauthorized: No active session.",
"error": "Unauthorized"
  GET
            /auth/whoami Get current authenticated user
                                                                                       Try it out
Parameters
No parameters
Responses
             Description
Code
                                                                                            Links
             Returns the details of the currently logged-in user.
                                                                                            No links
200
             Media type
               application/json
             Controls Accept header.
             Example Value | Schema
                "email": "user@example.com",
                "role": {
                   "name": "admin"
401
             Unauthorized: Token is missing or invalid.
                                                                                            No links
             Media type
               application/json
             Example Value | Schema
                "statusCode": 401,
```

```
Code Description Links

"message": "Unauthorized",
    "error": "Unauthorized"
}
```

```
Schemas
    CreateRentalDto > {
       bookId*

∨ number

                            example: 120
                            Id of the book
    }
    CreateRoleDto > {
       name*

✓ string

                            example: manager
                            Name of the role to create (ex: admin, user)
   }
    CreateBookDto > {
       title*

✓ string

                            example: Deep Work
                            Title of the book
       author*

✓ string

                            example: Cal Newport
                            Author of the book
       publishedyear

✓ number

                            example: 2016
                            Year of the book was published
   }
```

```
LoginUserDto \( \) {
    email*

    \( \sumsymbol{string} \) example: user@mail.com
    Email address of the user

password*

    \( \sumsymbol{string} \) example: password123
Password for the user account

}
```