# Catalogue API Document

Table of Contents

[Catalogue API Document 1](#_Toc94050109)

[Overview 1](#_Toc94050110)

[API Flow 1](#_Toc94050111)

[Sample codes 2](#_Toc94050112)

[Positive responses 4](#_Toc94050113)

[Negative responses 6](#_Toc94050114)

[API docs 7](#_Toc94050115)

[Unit tests 7](#_Toc94050116)

## Overview

This document highlights API implementation of Books catalogue, positive and negative API response, unit tests.

## API Flow

**Spring boot and spring boot starters**

**Client**

**Model**

**Service**

**Controller**

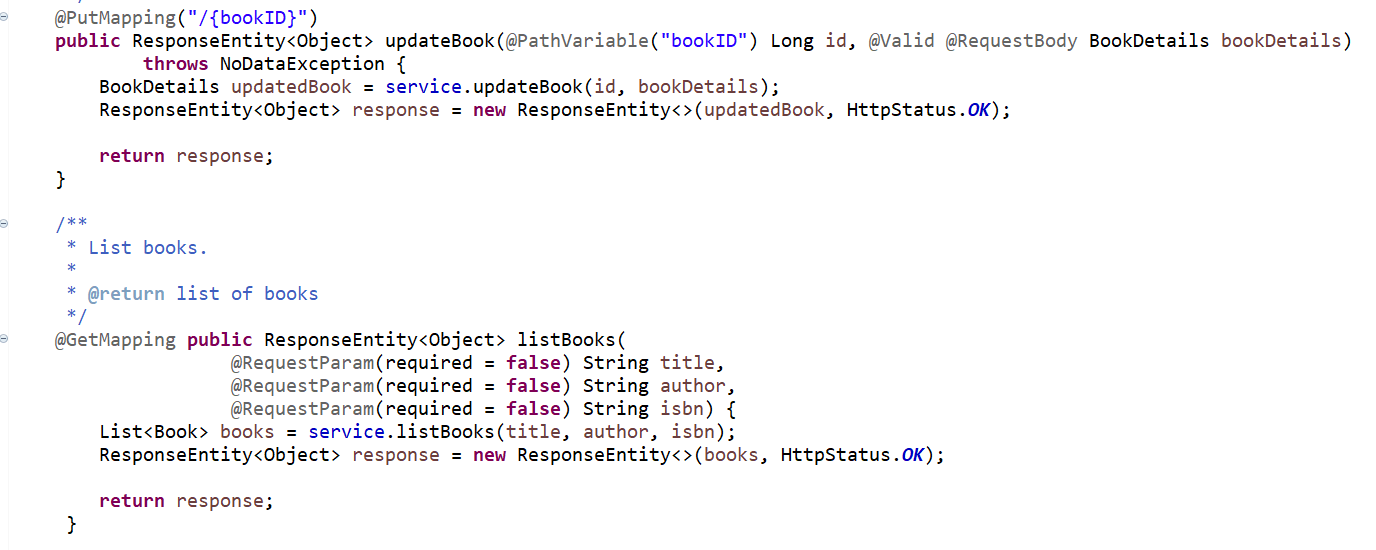
**Repository**

DB

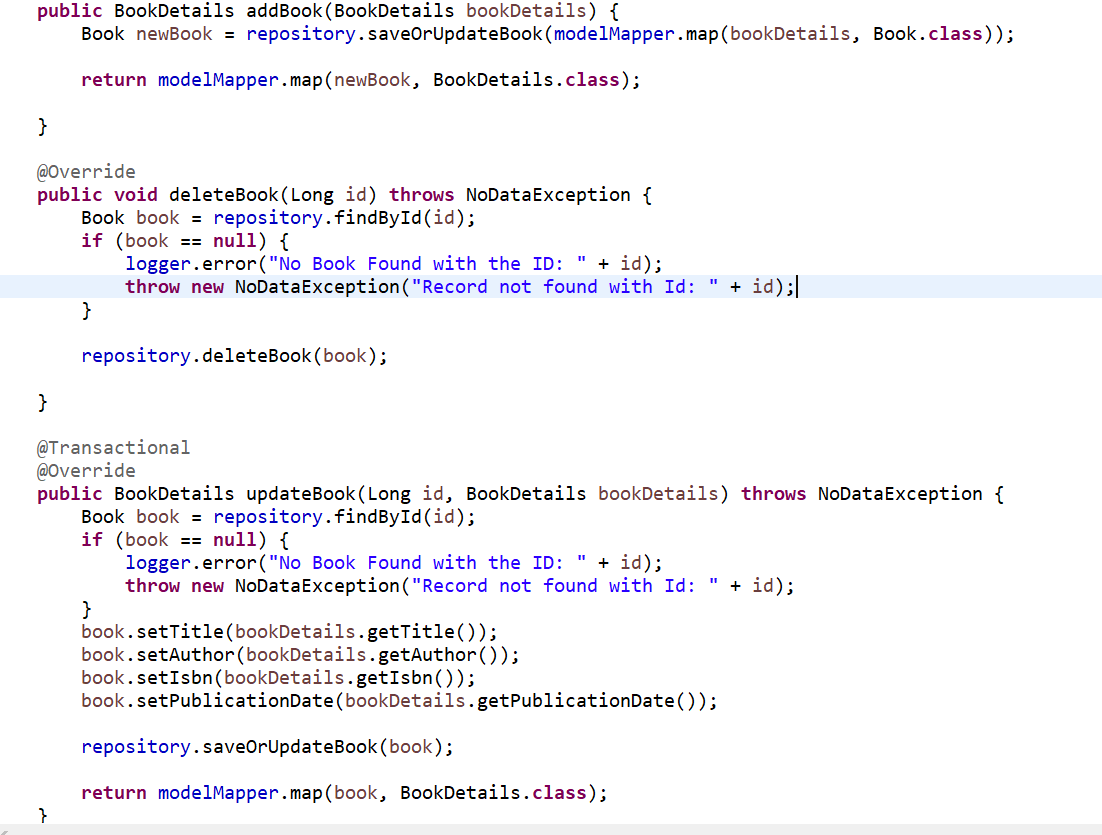
## Sample codes

1. Books Controller





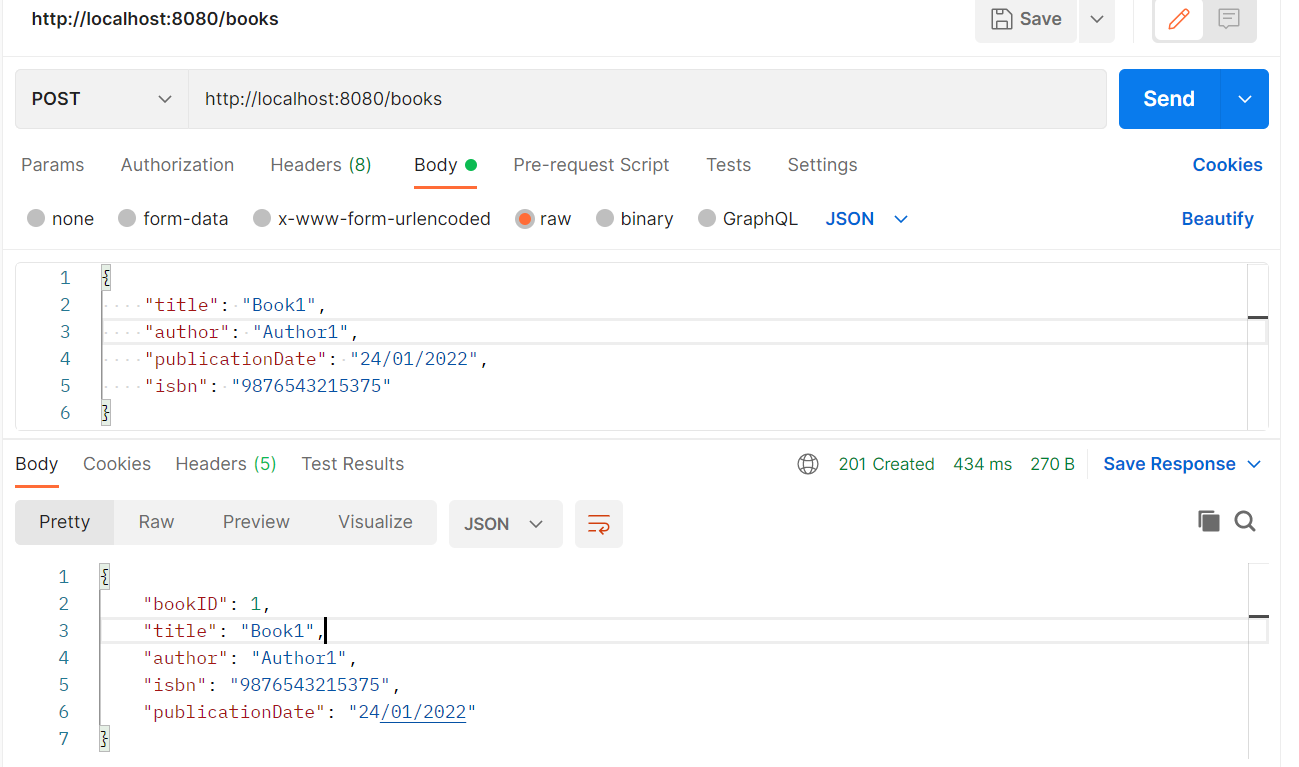
1. Books Service



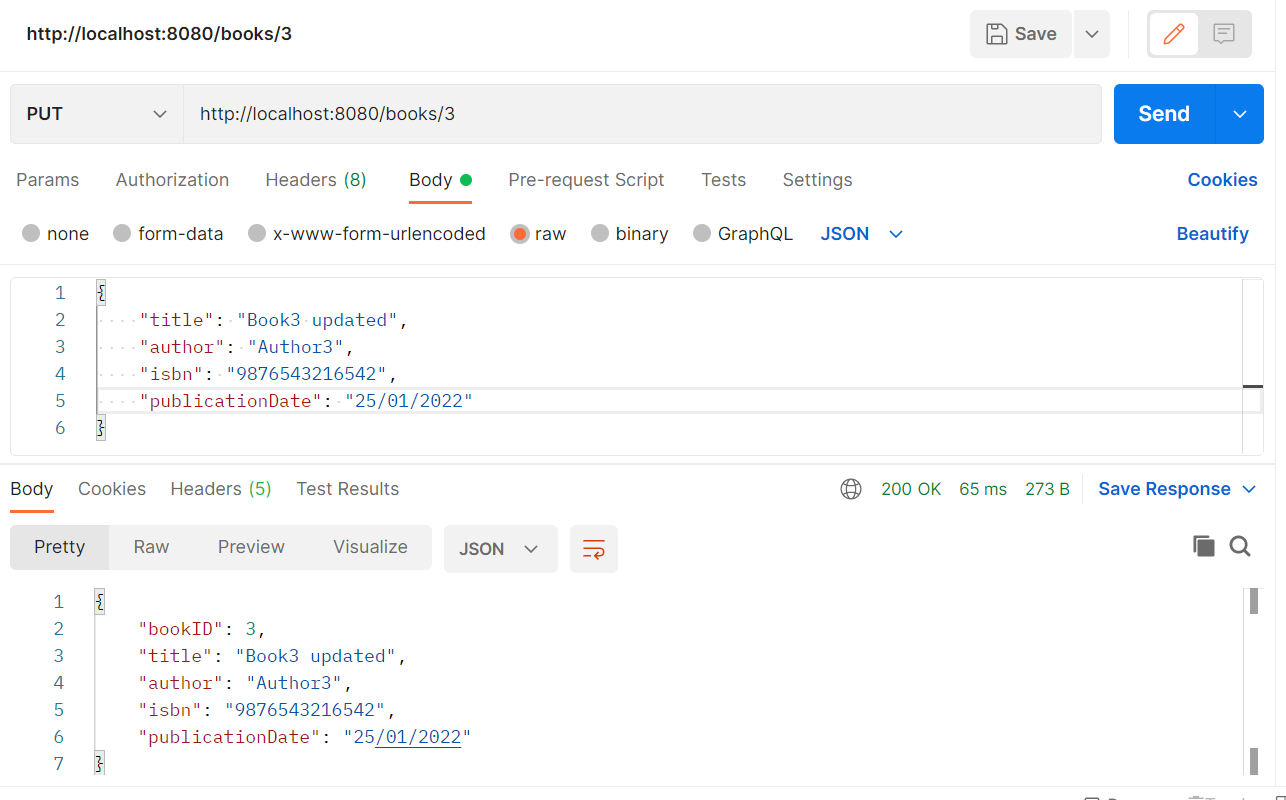
1. Exception Handler

## Positive responses

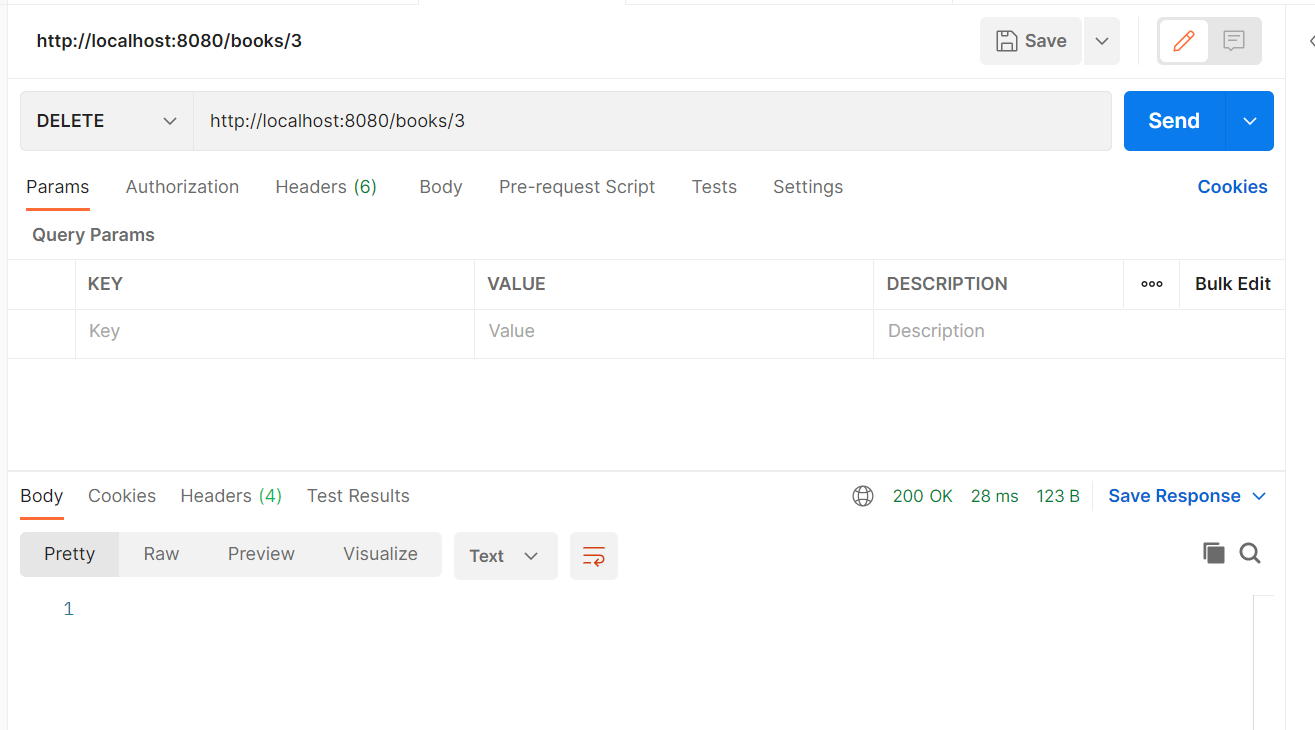
1. Add a book.



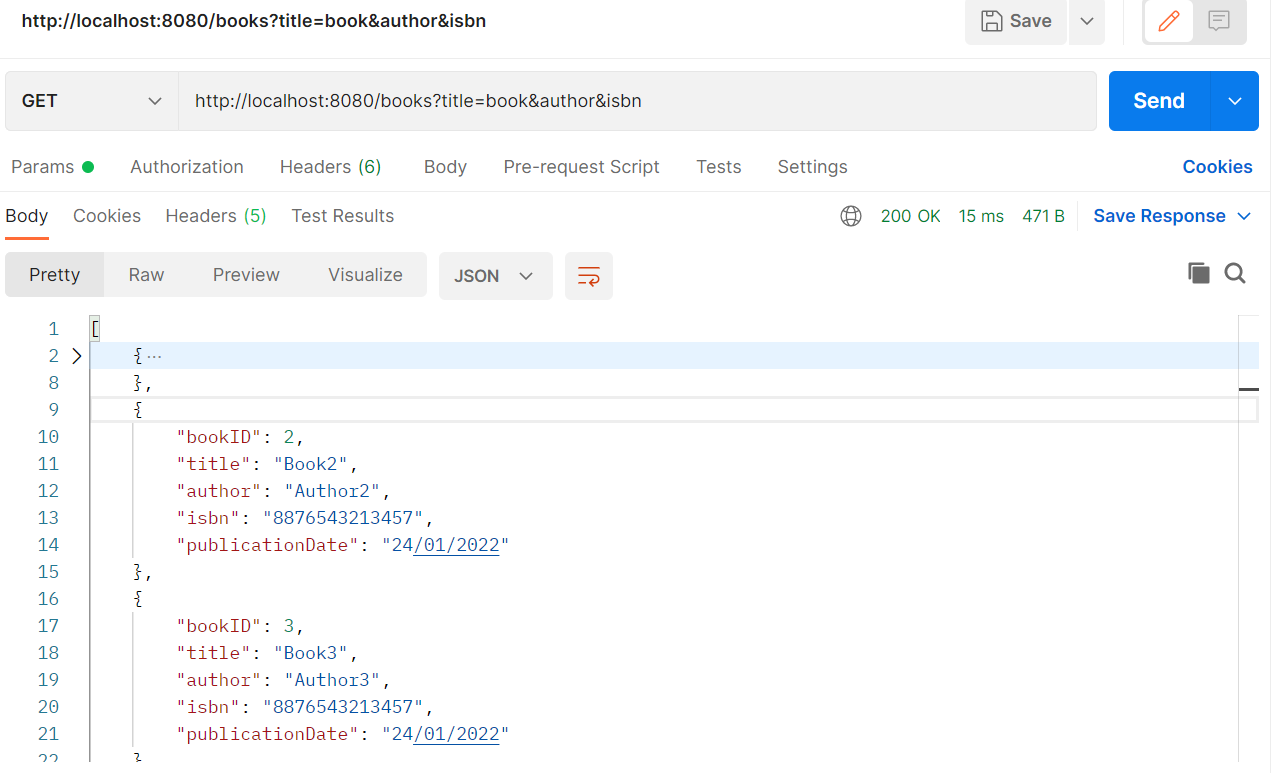
1. Update the book.



1. Delete the book.

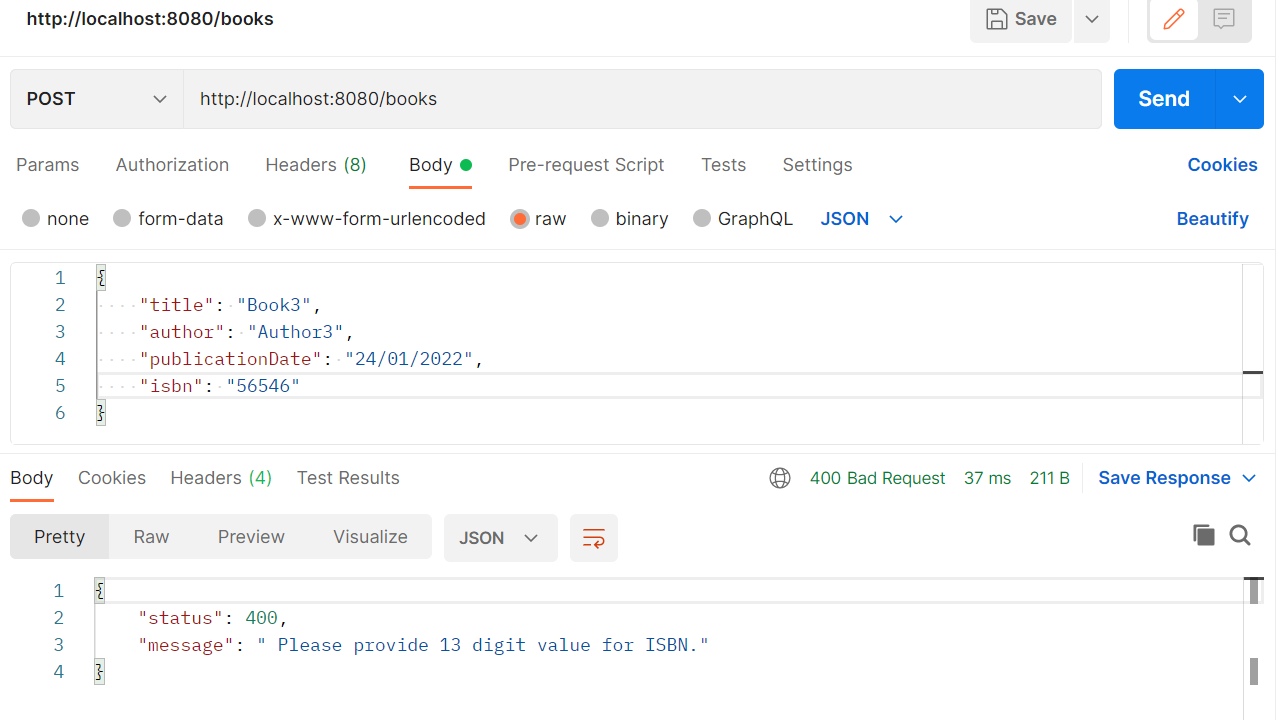


1. List books based on title, author or isbn.

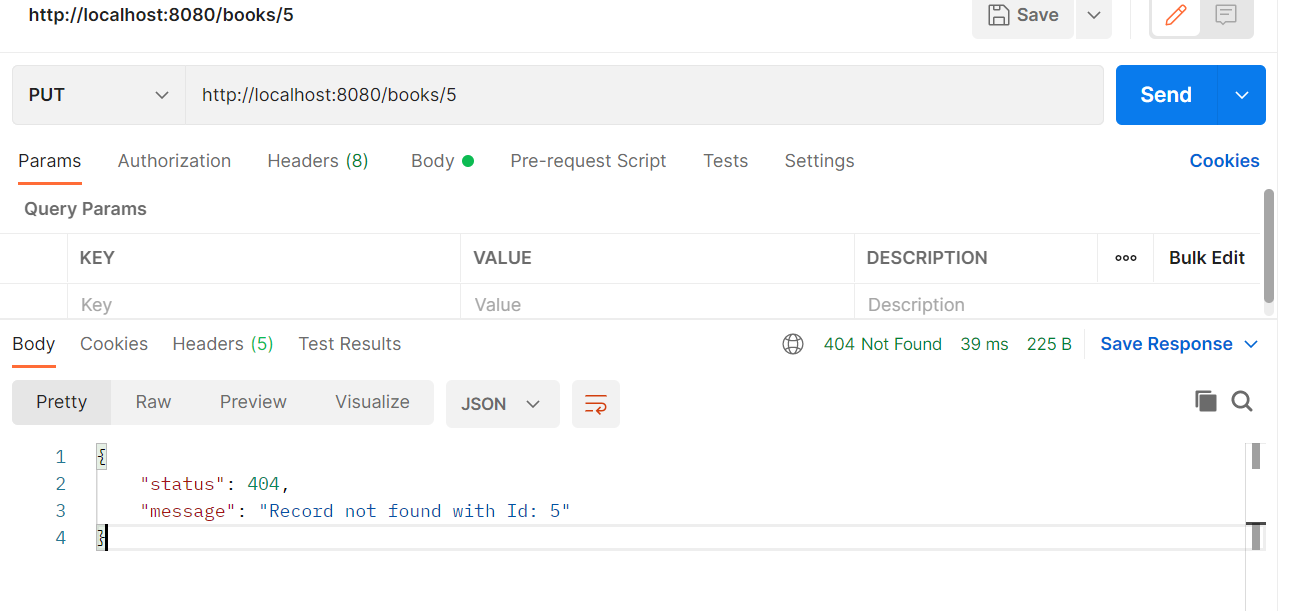


## Negative responses

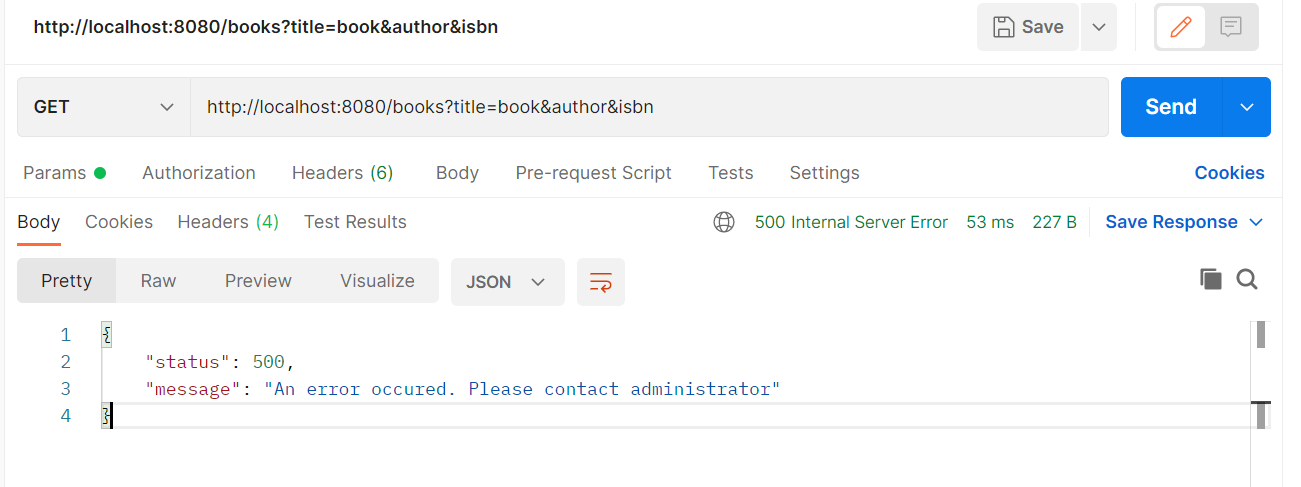
1. Invalid Input.



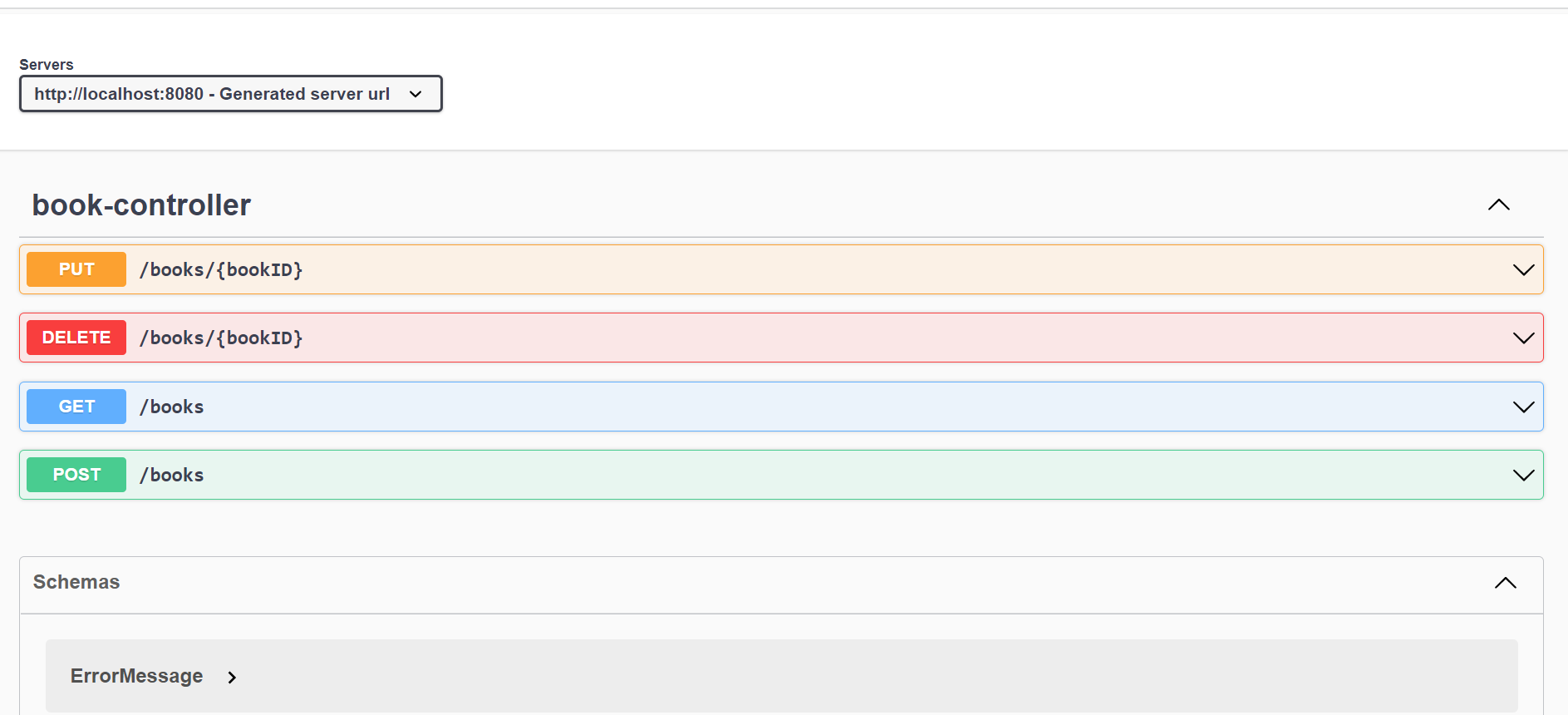
1. No Record found.



1. Internal error.



## API docs



## Unit tests

