

Library API

🕒 Created	@January 12, 2023 2:51 PM
☰ Tags	
📅 Date	@February 17, 2023

As a user i want to store and retrieve data about my books via HTTP call to the API.

Data should contain next fields:

- Name
- Author
- Year

Data should have next format

```
[
  {
    "name": "Rage",
    "author": "Stephen King",
    "year": "1977"
  },
  {
    "name": "Philosopher's Stone",
    "author": "J. K. Rowling",
    "year": "1997"
  },
  {
    "name": "All Quiet on the Western Front",
    "author": "Erich Maria Remarque",
    "year": "1929"
  }
]
```

Technical requirements:

- All needed entities and logic should be described in a separate packages (directories)

- Methods you need to implement `POST` (list of books), `GET` (list of books)
- Data should be sorted by year in `ascending` order (lookup sort interface)
- `Year` property should be stored as integer type, but as you can see inside JSON it is string (lookup MarshalJSON/UnmarshalJSON), also you need to return it as string too. Store data `in-memory` but use `interface` to create additional `repository` abstraction layer
- Code as always should be stored in `remote github repo` (make sure that you had done all development process on the separate branch `library_v1`, and then made pull request to the `main` branch)
- Pay attention to your commit messages (make them `clear and laconic`)