

REST API - Read Only



REST API

I don't want that!
I want the REST API as READ-ONLY

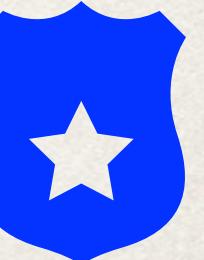
- Spring Data REST will expose ALL these endpoints for free!

HTTP Method		CRUD Action
X POST	/books	Create a new book
✓ GET	/books	Read a list of books
✓ GET	/books/{id}	Read a single book
X PUT	/books/{id}	Update an existing book
X DELETE	/books/{id}	Delete an existing book

Possible Solutions

1. Option 1: Don't use Spring Data REST
 1. Manually create our own `@RestController`
 2. Manually define methods for access: `@GetMapping`
 3. But we lose the Spring Data REST support for paging, sorting etc :-(
2. Option 2: Use Spring Data REST  **Choose this one!**

We will cover
REST API Security
later in the course



Spring Data REST Configuration

- Disable HTTP methods: POST, PUT, DELETE, PATCH

From Spring Data REST

```
@Configuration  
public class MyDataRestConfig implements RepositoryRestConfigurer {
```

HTTP methods to disable

Single

Collection

Disable