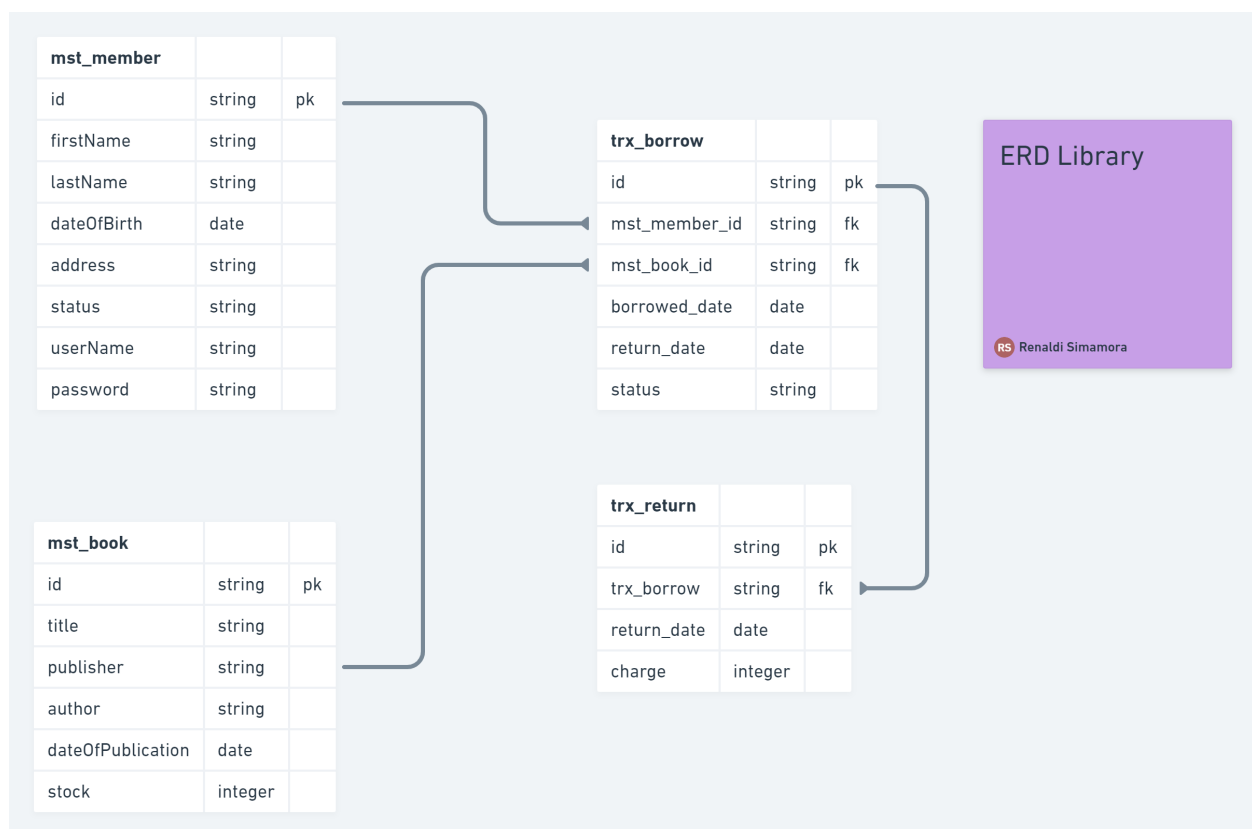




Challenge → Spring Boot

ER Diagram for library



Library Book API build with Spring Boot Java 🔥

status: Maintained 🚀

Documentation

Book

Endpoint	URL	Method	example
Get books	/books	GET	-
Get book by id	/books/{id}	GET	/books/1
Get books by limit	/books?limit=size	GET	/books?limit=5
Create book	/books	POST	-
Update book	/books	PUT	-
Delete book	/books?bookId={id}	DELETE	/books?bookId=1

[JSON] Request body create book, Example:

```
{
  "title": "midnight with you",
  "publisher": "republika",
  "author": "rey",
  "yearOfPublication": "2020-08-12",
  "stock": 10
}
```

[JSON] Request body update book, Example:

```
{
  "id": "8a8ab2af80300ccc0180300f7e220002",
  "title": "Shining, shimmering",
  "publisher": "gramedia",
  "author": "renalldi",
  "yearOfPublication": "2017-01-25",
  "stock": 10
}
```

Example Result:

- Get list book request param

GET Get All Book + ... server-local

Snap Library API / Book / Get All Book Save ... Edit ...

GET {{local}}/books?page=1&limit=2&sortBy=title&direct=desc Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	page	1			
<input checked="" type="checkbox"/>	limit	2			
<input checked="" type="checkbox"/>	sortBy	title			
<input checked="" type="checkbox"/>	direct	desc			

Body Cookies Headers (5) Test Results Status: 200 OK Time: 222 ms Size: 783 B Save Response

Pretty Raw Preview Visualize JSON ...

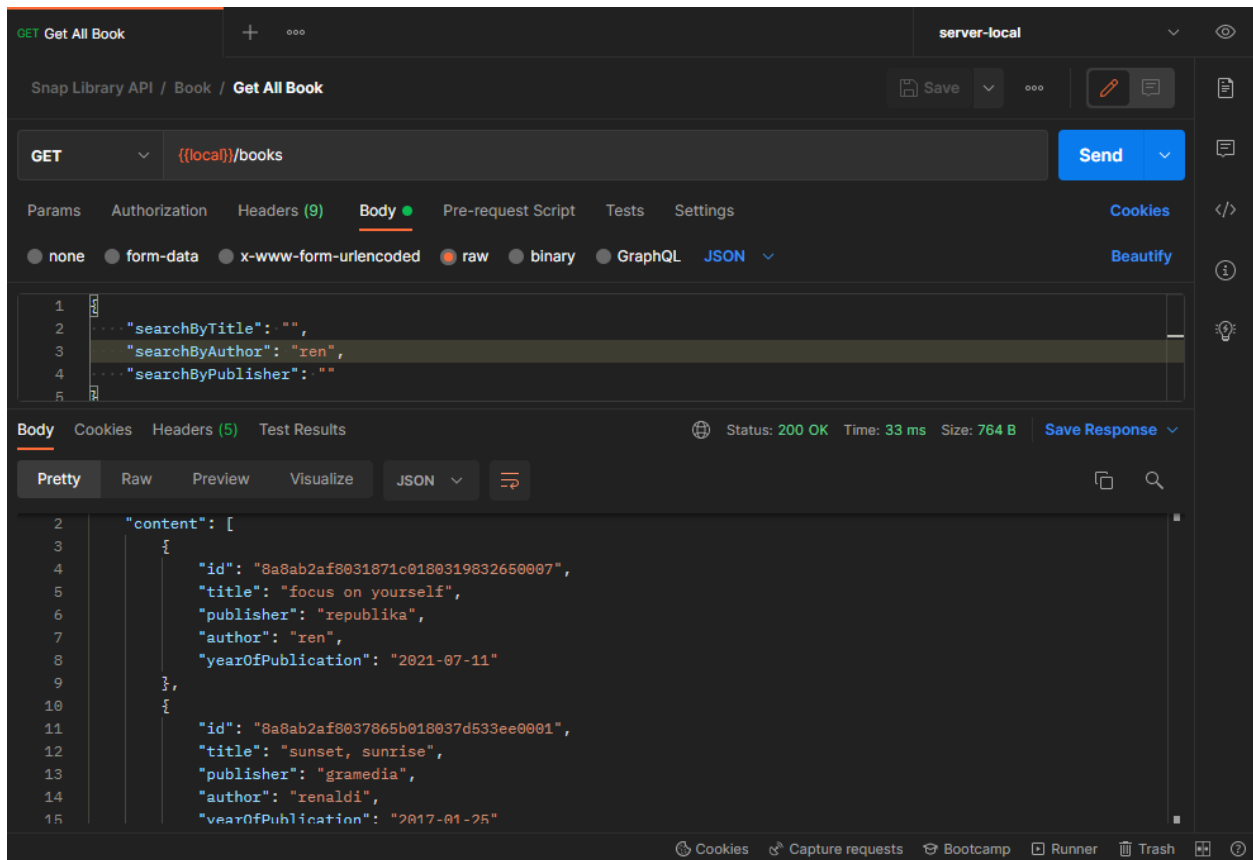
```

14      "author": "kenzo",
15      "yearOfPublication": "2020-10-28"
16    },
17  ],
18  "pageable": {
19    "sort": {
20      "empty": false,
21      "sorted": true,
22      "unsorted": false
23    },

```

Cookies Capture requests Bootcamp Runner Trash ...

- Get list book by request body [JSON] → search



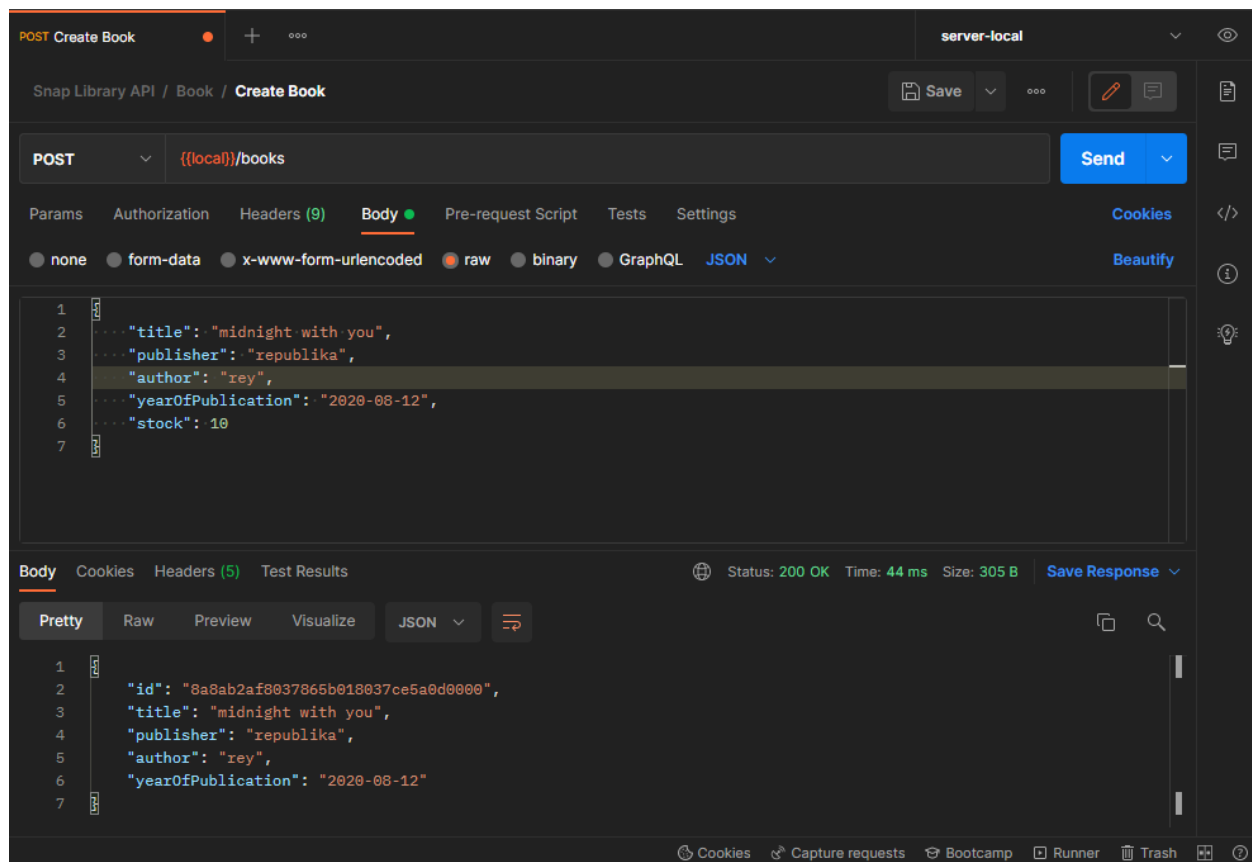
- Get list book by path param id

The screenshot shows a REST client interface with the following details:

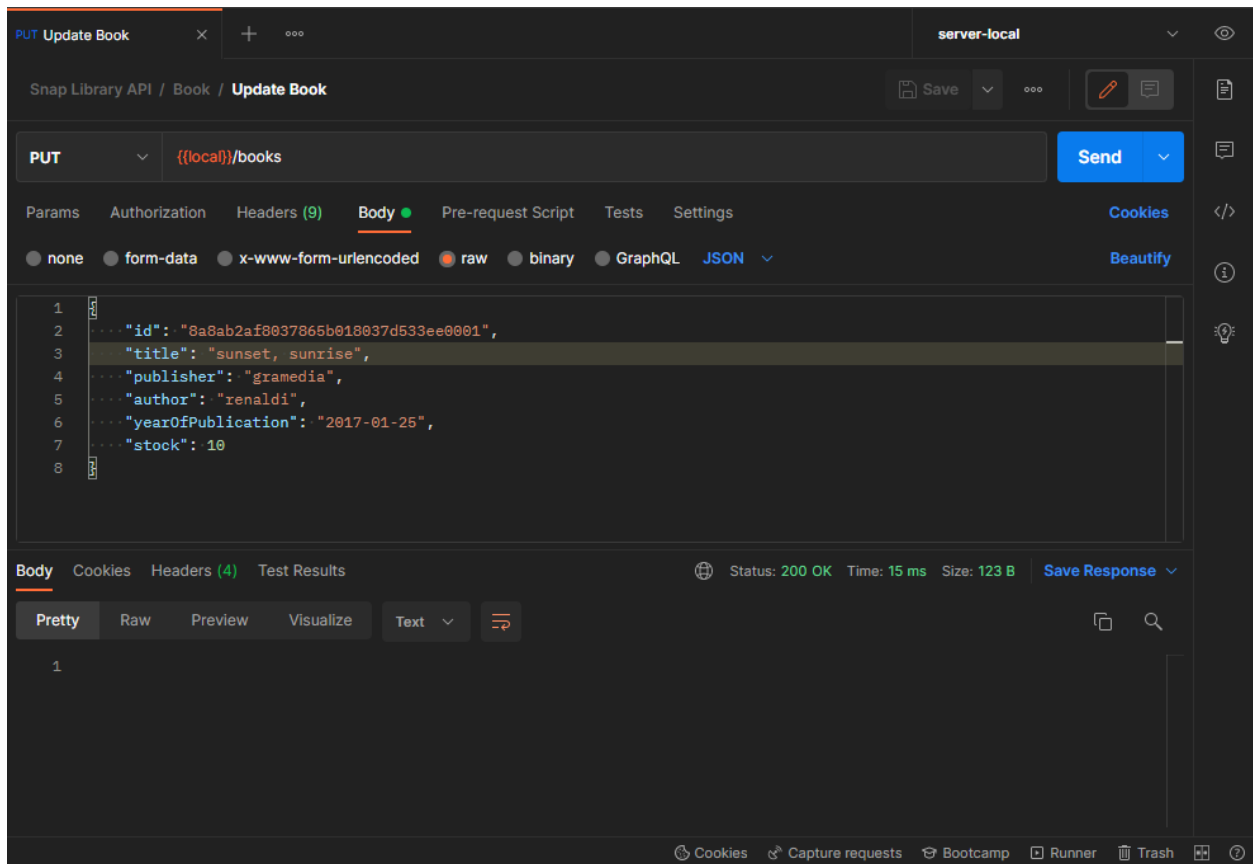
- Request:** GET `{{local}}/books/8a8ab2af8031871c0180319478d60004`
- Response Status:** 200 OK, Time: 51 ms, Size: 307 B
- Response Body (JSON):**

```
{
  "id": "8a8ab2af8031871c0180319478d60004",
  "title": "how to manage money",
  "publisher": "erlangga",
  "author": "riki",
  "yearOfPublication": "2015-07-28"
}
```

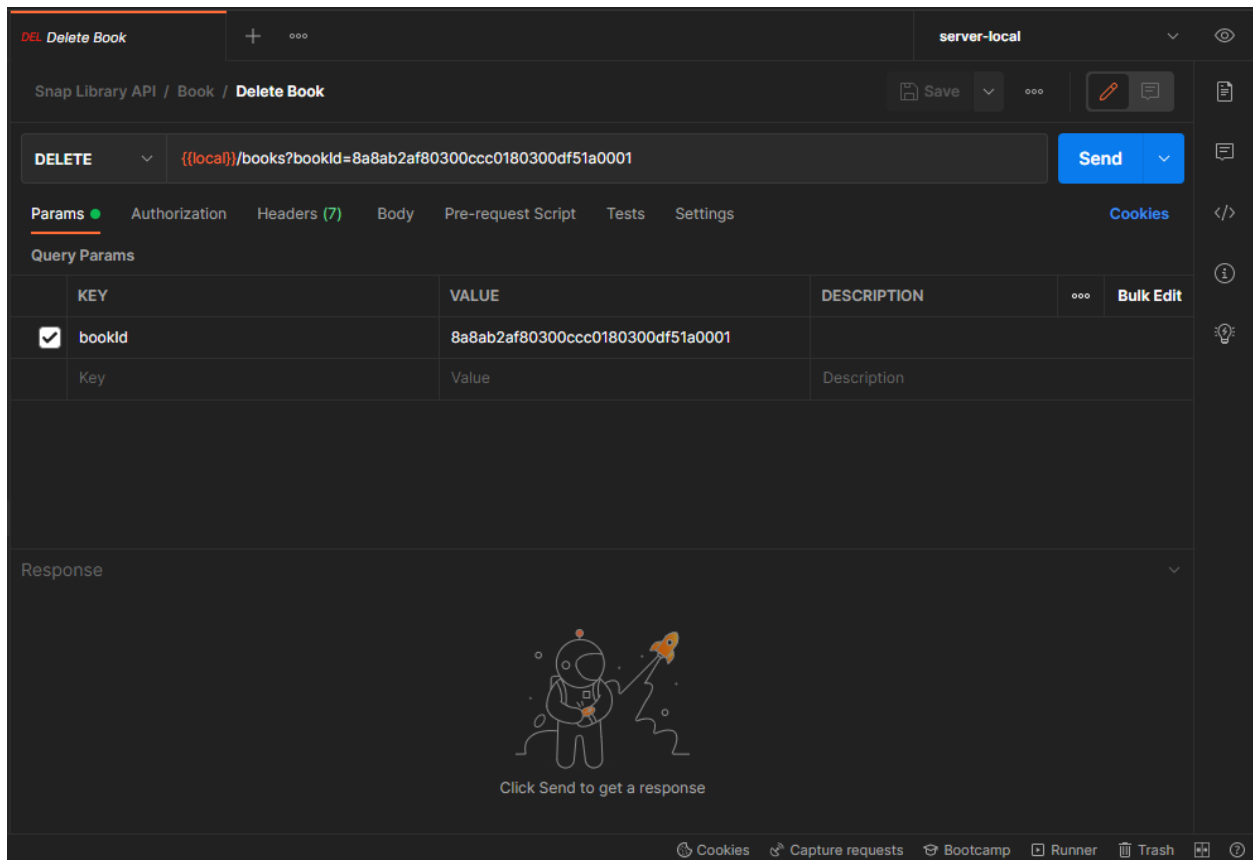
- Create book



- Update book



- Delete book



Member

Endpoint	URL	Method	example
Get members	<code>/members</code>	GET	-
Get member by id	<code>/members/{id}</code>	GET	<code>/members/1</code>
Get members by limit	<code>/members?limit=size</code>	GET	<code>/members?limit=5</code>
Create member	<code>/members</code>	POST	-
Update member	<code>/members</code>	PUT	-
Delete member	<code>/members?memberId={id}</code>	DELETE	<code>/members?memberId=1</code>

[JSON] Request body create member, Example:

```
{  
  "firstName": "fajar",  
}
```



```
"lastName": "maulanan",  
"dateOfBirth": "1991-03-25",  
"address": "jln pelabuhan",  
"status": "aktif",  
"userName": "cumi",  
"password": "123"  
}
```

[JSON] Request body update member, Example:

```
{  
  "id": "8a8ab2af8038224c018038270c020000",  
  "firstName": "fajar",  
  "lastName": "maulana putra",  
  "dateOfBirth": "1991-03-25",  
  "address": "jln suka tani",  
  "status": "aktif",  
  "userName": "cumi"  
}
```

Example Result:

- Get list member request param

The screenshot shows a REST client interface with the following details:

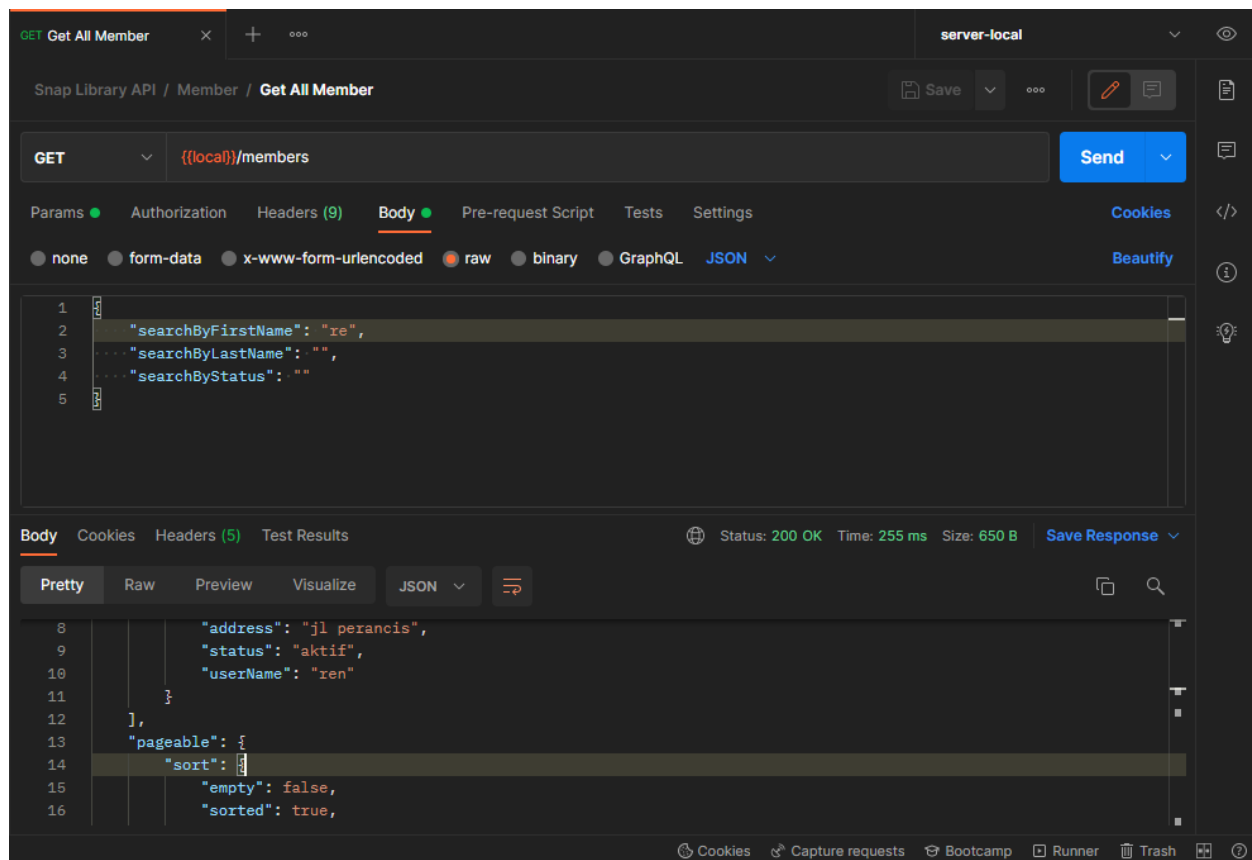
- Request:** GET `{{local}}/members?page=1&limit=2`
- Params:**

KEY	VALUE	DESCRIPTION
page	1	
limit	2	
- Response:** Status: 200 OK, Time: 46 ms, Size: 824 B
- Body (JSON):**

```
{
  "content": [
    {
      "id": "8a8ab2af8031871c01803192aca70002",
      "firstName": "mutia",
      "lastName": "safitri",
      "dateOfBirth": "1999-05-17",
      "address": "jl tiga sodara",
      "status": "aktif",
      "userName": "mutia"
    },
    {
      "id": "8a8ab2af8031871c0180318760bc0000",
      "firstName": "renaldi",
      "lastName": "simamora",

```

- Get list member by request body [JSON] → search



- Get list member by path param id

GET Get Member By Id + ... server-local

Snap Library API / Member / Get Member By Id Save ... Edit Comments

GET {{local}}/members/8a8ab2af8031871c0180318760bc0000 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
	Key	Value	Description		

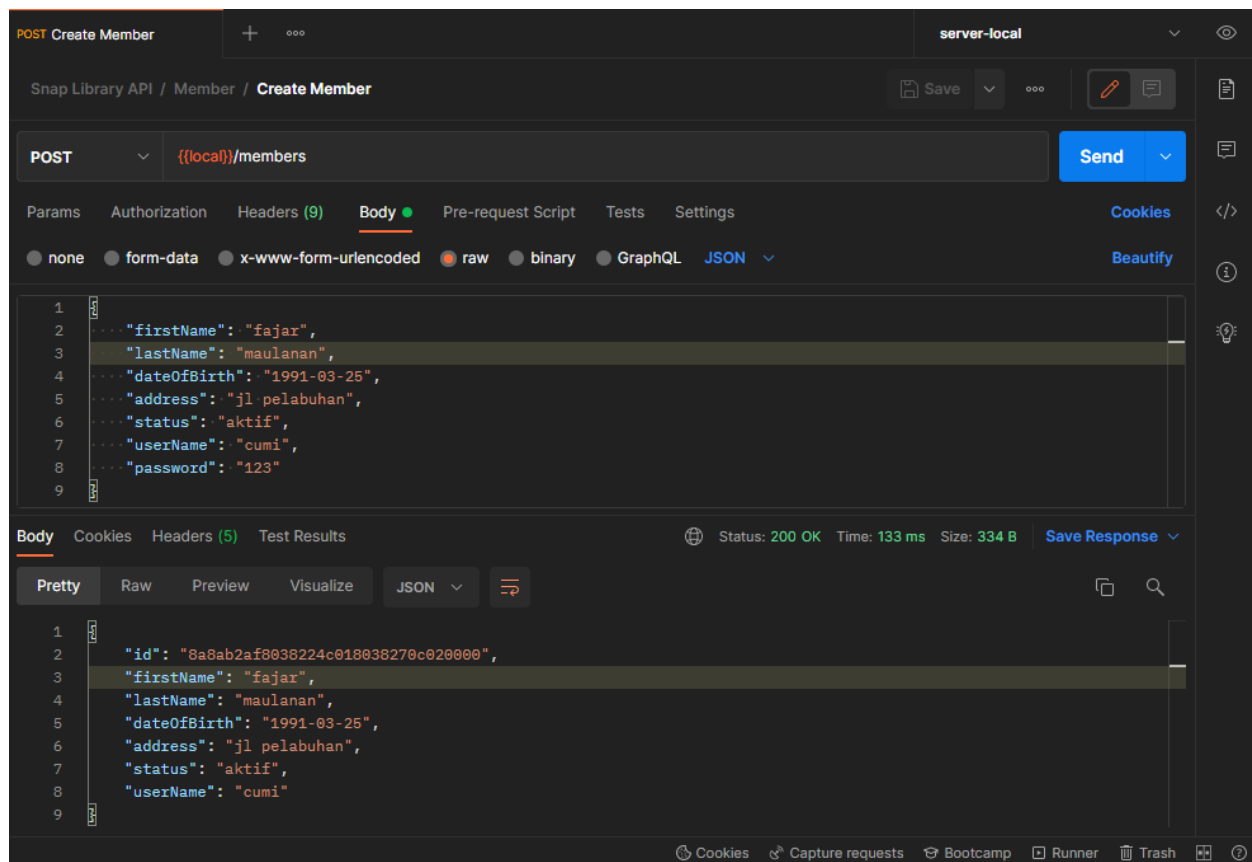
Body Cookies Headers (5) Test Results Status: 200 OK Time: 40 ms Size: 334 B Save Response

Pretty Raw Preview Visualize JSON ...

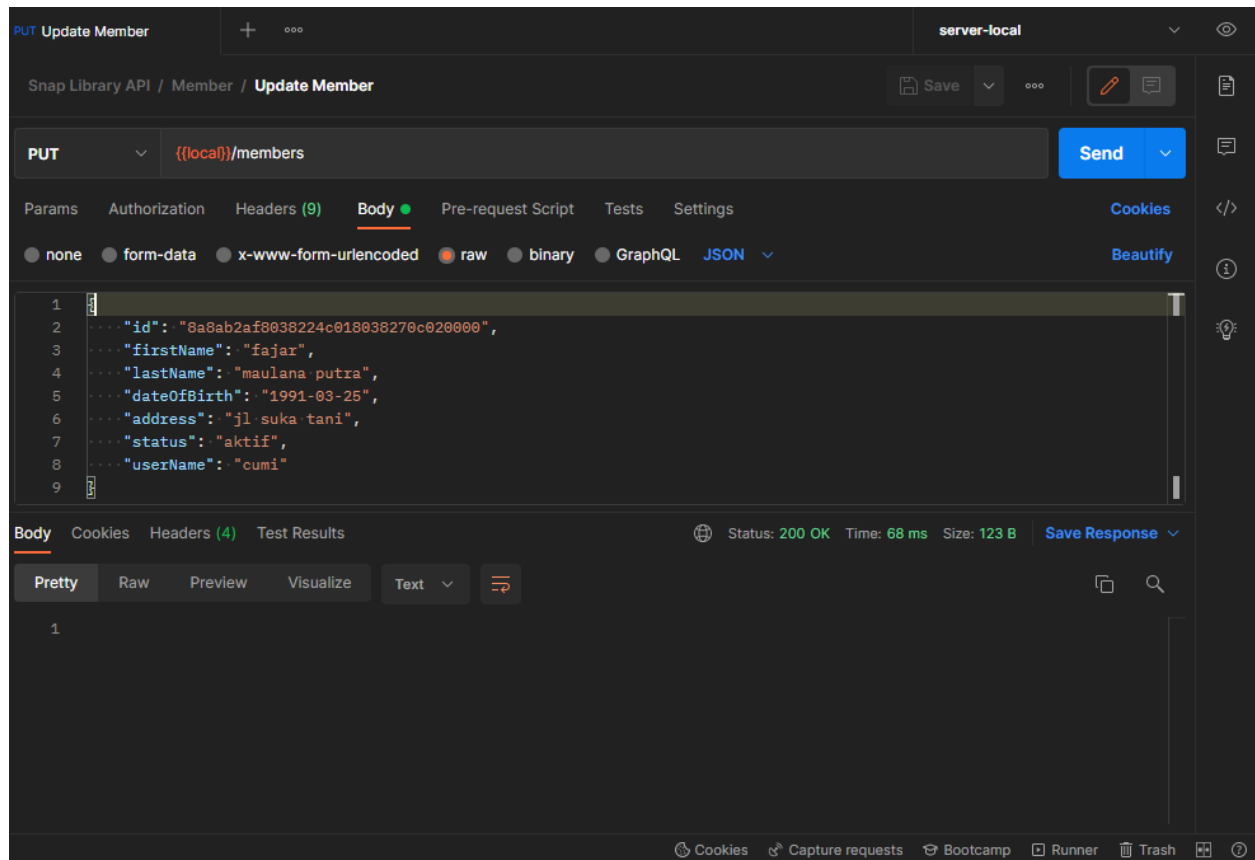
```
1  {
2    "id": "8a8ab2af8031871c0180318760bc0000",
3    "firstName": "renaldi",
4    "lastName": "simamora",
5    "dateOfBirth": "1999-10-31",
6    "address": "jl perancis",
7    "status": "aktif",
8    "userName": "ren"
9  }
```

⌘ Cookies 📡 Capture requests 🏠 Bootcamp 🏠 Runner 🗑️ Trash 🛠️ ?

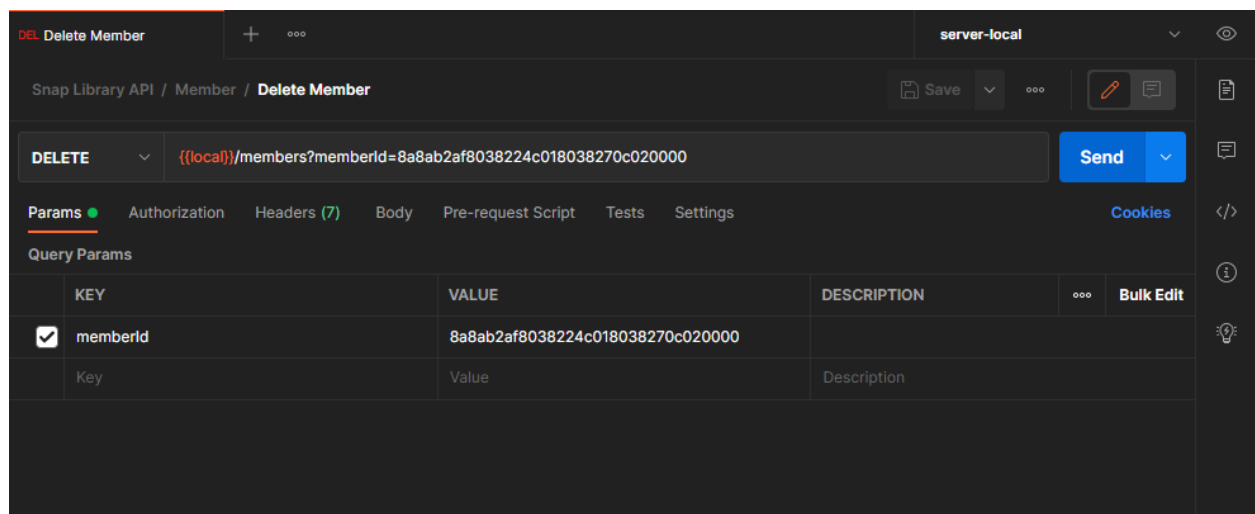
- Create member



- Update member



- Delete member



Credits

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Build With 