스파르다 도석관 프로젝트 API 명세서 ^{v1}

OAS3

/api-docs

항해 99 Spring LEVEL2 민가람 | 유재성

Servers

http://localhost:8080 - Generated server url

Book 도서관 책 등록 및 조회 ⌃

GET `/api/book` 도서 목록 조회 기능 ⌃

등록된 모든 도서를 조회하는 API

Parameters   Cancel

No parameters

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/book' \
  -H 'accept: application/json'
```

Request URL

Server response

Code	Details

200

Response body

```json
{
  "status": "SUCCESS",
  "message": "도서 조회를 성공했습니다.",
  "data": [
    {
      "bookId": 7,
      "title": "마흔에 읽는 쇼펜하우어",
      "author": "강용수",
      "language": "유노북스",
      "publisher": "한국어",
      "createdAt": "2024-02-28T20:44:09.479846"
    },
    {
      "bookId": 6,
      "title": "마흔에 읽는 쇼펜하우어",
      "author": "강용수",
      "language": "유노북스",
      "publisher": "한국어",
      "createdAt": "2024-02-28T20:00:51.490299"
    },
    {
      "bookId": 5,
      "title": "마흔에 읽는 쇼펜하우어",
      "author": "강용수",
      "language": "유노북스",
      "publisher": "한국어",
      "createdAt": "2024-02-28T20:00:50.555663"
    },
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Wed,28 Feb 2024 12:16:43 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Request duration

```
92 ms
```

Responses

Code	Description	Links

200   *No links*

도서 리스트 조회 성공

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```json
{
  "title": "마흔에 읽는 쇼펜하우어",
  "author": "강용수",
```

Code	Description		Links

```
          "language": "한국어",
          "publisher": "유노북스"
        }
```

GET	/api/book/{bookId} 선택한 도서 정보 조회 기능	^

선택한 도서의 정보를 조회하는 API

Parameters   [**Cancel**]

Name	Description
bookId * required integer($int64) (path)	도서 Id [2]

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/book/2' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/api/book/2
```

Server response

Code	Details

200	**Response body**
	
	``json
	{
	  "status": "SUCCESS",
	  "message": "도서 조회를 성공했습니다.",
	  "data": {
	    "bookId": 2,
	    "title": "내 삶을 지키는 바운더리",
	    "author": "쑤쉬안후이",
	    "language": "시옷책방",
	    "publisher": "한국어",
	``

```
            "createdAt": "2024-02-28T18:44:47.082297"
        }
    }
```

Response headers

```
connection: keep-alive
content-type: application/json
date: Wed,28 Feb 2024 12:16:53 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Request duration

45 ms

Responses

Code	Description	Links
200	도서 조회 성공	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
    "title": "마흔에 읽는 쇼펜하우어",
    "author": "강용수",
    "language": "한국어",
    "publisher": "유노북스"
}
```

POST   `/api/book`   도서 등록 기능   ⌃

도서 등록 API

Parameters   **Cancel**

No parameters

Request body required   **application/json**

```
{
  "title": "마흔에 읽는 쇼펜하우어",
  "author": "강용수",
  "language": "한국어",
  "publisher": "유노북스"
}
```

Execute	Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/api/book' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "title": "마흔에 읽는 쇼펜하우어",
  "author": "강용수",
  "language": "한국어",
  "publisher": "유노북스"
}'
```

Request URL

```
http://localhost:8080/api/book
```
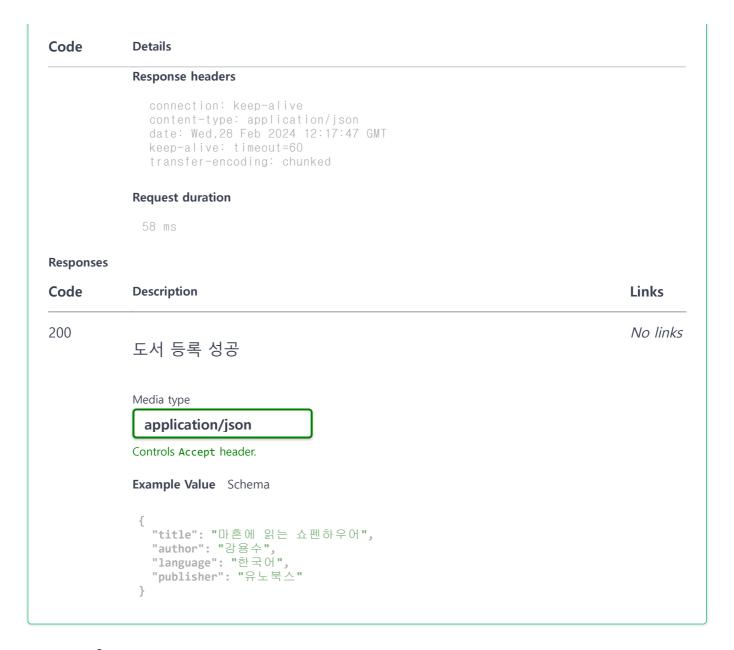
Server response

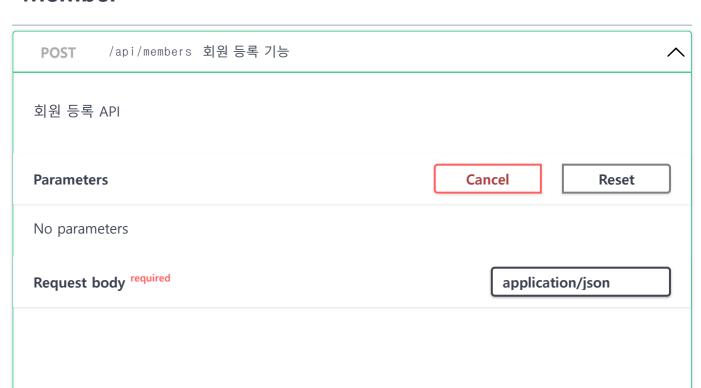| Code	Details

200

Response body

```
{
  "status": "SUCCESS",
  "message": "도서가 정상적으로 등록되었습니다.",
  "data": {
    "bookId": 9,
    "title": "마흔에 읽는 쇼펜하우어",
    "author": "강용수",
    "language": "유노북스",
    "publisher": "한국어",
    "createdAt": "2024-02-28T21:17:47.9795176"
  }
}
```

Download

Code	Details

Response headers

```
connection: keep-alive
content-type: application/json
date: Wed,28 Feb 2024 12:17:47 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Request duration

58 ms

Responses

Code	Description	Links
200	도서 등록 성공	No links

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "title": "마흔에 읽는 쇼펜하우어",
  "author": "강용수",
  "language": "한국어",
  "publisher": "유노북스"
}
```

Member 도서관 회원 등록 ∧

POST   /api/members 회원 등록 기능 ∧

회원 등록 API

Parameters		Cancel	Reset

No parameters

Request body ^{required}   application/json

```
{
  "gender": "MALE",
  "prno": "2402238-411222",
  "name": "김똥개",
  "phone": "010-1234-1234",
  "address": "경기도 수원시 팔달구"
}
```

Execute	Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/api/members' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
  "gender": "MALE",
  "prno": "2402238-411222",
  "name": "김똥개",
  "phone": "010-1234-1234",
  "address": "경기도 수원시 팔달구"
}'
```

Request URL

```
http://localhost:8080/api/members
```

Server response

Code	Details
200	**Response body**

```
{
  "memberId": 5,
  "gender": "MALE",
  "name": "김똥개",
  "phone": "010-1234-1234",
  "address": "경기도 수원시 팔달구"
}
```
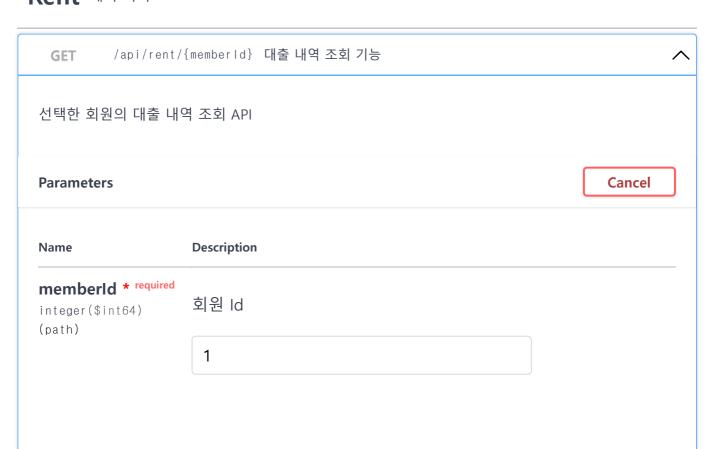
Download

Response headers

```
connection: keep-alive
content-type: application/json
```

Code	Details

```
       date: Wed,28 Feb 2024 12:18:27 GMT
       keep-alive: timeout=60
       transfer-encoding: chunked
```

Request duration

60 ms

Responses

Code	Description	Links
200	회원 등록 성공	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```json
{
  "gender": "MALE",
  "prno": "240228-4111112",
  "name": "김똥개",
  "phone": "010-1234-5678",
  "address": "경기도 수원시 팔달구"
}
```

Rent 대여 서비스 ⌃

GET   `/api/rent/{memberId}` 대출 내역 조회 기능 ⌃

선택한 회원의 대출 내역 조회 API

Parameters   ⬚ Cancel

Name	Description

memberId * required
`integer($int64)`
`(path)`
	회원 Id
	
	`1`

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/rent/1' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/api/rent/1
```

Server response

Code	Details

200

Response body

```
{
  "status": "SUCCESS",
  "message": "도서 대출 목록 조회가 완료되었습니다.",
  "data": [
    {
      "name": "김똥개",
      "phone": "010-1234-5678",
      "title": "마흔에 읽는 쇼펜하우어",
      "author": "강용수",
      "rentDate": "2024-02-28T19:50:44.061534"
    },
    {
      "name": "김똥개",
      "phone": "010-1234-5678",
      "title": "마흔에 읽는 쇼펜하우어",
      "author": "강용수",
      "rentDate": "2024-02-28T19:54:06.910259"
    },
    {
      "name": "김똥개",
      "phone": "010-1234-5678",
      "title": "마흔에 읽는 쇼펜하우어",
      "author": "강용수",
      "rentDate": "2024-02-28T19:59:53.701085"
    }
  ]
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Wed,28 Feb 2024 12:18:40 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Request duration

```
94 ms
```

Responses

Code	Description	Links
200	회원 도서 내역 조회 성공	No links

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "status": "SUCCESS",
  "message": "string",
  "data": {}
}
```

POST   `/api/rent` 도서 대여 기능   ︿

도서 대여 API

Parameters   [Cancel]

Name	Description

bookId * required
`integer($int64)`
`(query)`
	도서 번호
	
	`3`

memberId * required
`integer($int64)`
`(query)`
	회원 번호
	
	`1`

[Execute] [Clear]

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:8080/api/rent?bookId=3&memberId=1' \
```

```
    -H 'accept: application/json' \
    -d ''
```

Request URL

```
http://localhost:8080/api/rent?bookId=3&memberId=1
```

Server response

Code	Details
200	**Response body**

```json
{
  "status": "SUCCESS",
  "message": "도서 대출이 완료되었습니다.",
  "data": {
    "rentId": 5,
    "bookId": 3,
    "memberId": 1,
    "returnStatus": false,
    "rentDate": "2024-02-28T21:18:48.6825447",
    "returnDate": "2024-02-28T21:18:48.6825447"
  }
}
```

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Wed,28 Feb 2024 12:18:48 GMT
keep-alive: timeout=60
transfer-encoding: chunked
```

Request duration

```
86 ms
```

Responses

Code	Description	Links
200	도서 대여 성공	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```json
{
  "status": "SUCCESS",
  "message": "string",
  "data": {}
}
```

PUT   `/api/rent/{rentId}/return` 도서 반납 기능   ∧

선택한 도서 반납 API

Parameters

Name	Description
rentId * required integer($int64) (path)	rent Id 3

Execute	Clear

Responses

Curl

```
curl -X 'PUT' \
  'http://localhost:8080/api/rent/3/return' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/api/rent/3/return
```

Server response

Code	Details

200	**Response body**
	
	``{
	  "status": "FAILURE",
	  "message": "이미 반납이 완료 된 책입니다.",
	  "data": "lentId : 3"
	}``` Download
	
	Response headers
	
	``connection: keep-alive
	content-type: application/json
	date: Wed,28 Feb 2024 12:19:02 GMT
	keep-alive: timeout=60
	transfer-encoding: chunked```
	
	Request duration
	
	```54 ms```

Responses

Code	Description	Links
200	도서 반납 성공	*No links*

Media type

application/json

Controls `Accept` header.

Example Value   Schema

```
{
  "status": "SUCCESS",
  "message": "string",
  "data": {}
}
```

Schemas ∧

ResponseDto

MemberRequestDto

BookRequestDto