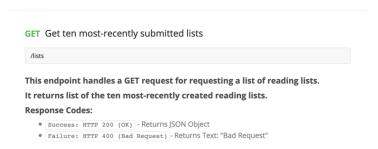# MyReadingList API Documentation

NOTE: These are only screenshots of the full API documentation and therefore crops a lot of the API request examples.

The full API documentation which includes all of the uncropped documentation can be found at the URL:
https://documenter.getpostman.com/view/8280766/SzmcZdy7?version=latest

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MyReadingList API v1.0.0 Documentation

GET Get ten most-recently submitted lists

```
/lists
```

This endpoint handles a GET request for requesting a list of reading lists.

It returns list of the ten most-recently created reading lists.

Response Codes:

- `Success: HTTP 200 (OK)` - Returns JSON Object
- `Failure: HTTP 400 (Bad Request)` - Returns Text: "Bad Request"

Example Request

Get ten most-recently submitted lists

```
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http:/localhost:5000/lists',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(error).        View More
  console.log(response.body);
```

Example Response

200 — OK

```
[
  {
    "name": "Bananas Reading List:",
    "date": "2020-05-05T22:53:14.503Z",
    "comments": [],
    "_id": "5eb1f123581a0004b48bc104",
    "desc": "A really cool reading list for becoming an expert on bananas.",
    "list": [
      {
        "_id": "5eb1f123581a0004b48bc105"
```

GET Get list details

```
/lists/?id
```

This endpoint handles a GET request for requesting a specific reading list by its id.

It returns the details of a specified reading list.

Response Codes:

- `Success: HTTP 200 (OK)` - Returns JSON Object
- `Failure: HTTP 400 (Bad Request)` - Returns Text: "Bad Request"
- `Failure: HTTP 404 (Not Found)` - Returns Text: "Not Found"

PARAMS

id

Example Request

Get Silicon Valley History Reading List (id: 5eaf6ab62f871e240f957694) ▾

```javascript
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http://localhost:5000/lists/5eaf6ab62f871e240f957694',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(error).
  console.log(response.body);
```

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Example Response

200 — OK

```json
{
  "name": "Silicon Valley History Reading List:",
  "date": "2020-05-04T01:05:26.140Z",
  "comments": [
    "Hackers is one of the best books I've ever read, highly recommend."
  ],
  "_id": "5eaf6ab62f871e240f957694",
  "desc": "A list covering Silicon Valley history"
  "list": [
```

View More

POST Create new list

```
/lists
```

This endpoint handles a POST request for creating a new reading list.

Adds a reading list to list of all reading lists.

Request body must include the following: `name` , `description` , `list` , `date` **and** `comments`

Response Codes:

- `Success: HTTP 200 (OK)` - Returns JSON Object
- `Failure: HTTP 400 (Bad Request)` - Returns Text: "Bad Request"

Example Request

Create new reading list for books on apples

```
var request = require('request');
var options = {
  'method': 'POST',
  'url': '/lists',
  'headers': {
    'Content-Type': 'application/json'
  },
  body: JSON.stringify({"desc":"A reading list for becoming an expert on apples.","list"
```
View More

Example Response

200 — OK

```
{
  "name": "Apples Reading List:",
  "date": "2020-05-05T22:53:14.503Z",
  "comments": ☐,
  "_id": "5eb1f1c7581a0004b48bc10a",
  "desc": "A reading list for becoming an expert on apples.",
  "list": [
    {
      "_id": "5eb1f1c7581a0004b48bc
      "id": "MmuBCwAAOBAJ"
```
View More

PATCH Create new comment on a list

```
/list/?id
```

This endpoint handles a PATCH request for adding a new comment to an existing reading list.

Adds a new comment to the comments of an existing reading list.

Request must include the following: `comment`

Response Codes:

- `Success: HTTP 200 (OK)` - Returns JSON Object
- `Failure: HTTP 400 (Bad Request)` - Returns Text: "Bad Request"

PARAMS

id

Example Request

Create new comment on a reading list

```javascript
var request = require('request');
var options = {
  'method': 'PATCH',
  'url': 'http://localhost:5000/lists/5eb1f123581a0004b48bc104',
  'headers': {
    'Content-Type': 'application/json'
  },
  body: JSON.stringify({"comment":"Fantastic reading list, I love bananas a lot. I've al
```

View More

Example Response

200 — OK

```
Comment successfully added to list
```

POST Search Google Books API with query

/search/?query

This endpoint handles a POST request for querying the Google Books API.

Forms the endpoint URL for a GET request to the Google Books API. Returns 40 most relevant books with regards to the supplied query parameter.

Request must include the following: `query`

Response Codes:

- `Success: HTTP 200 (OK)` - Returns JSON Object
- `Failure: HTTP 400 (Bad Request)` - Returns Text: "Bad Request"

PARAMS

query

Example Request

Search Google Books API with query

```
var request = require('request');
var options = {
  'method': 'POST',
  'url': 'http://localhost:5000/search/mathematics',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(error);
  console.log(response.body);
```

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Example Response

200 — OK

```
[
  {
    "id": "_kYBqLc5QoQC",
    "title": "What is Mathematics?: An Elementary Approach to Ideas and Methods",
    "authors": "Courant Institute of Mathematical Sciences Richard Courant, Richard Cour
    "publisherName": "Oxford University Press, USA",
    "publishedDate": "1996",
    "imageUrl": "http://books.google.com/books/content?id=_kYBqLc5QoQC&printsec=frontcov
  },
```

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