

Get Help

Open Postman

Introducing Postman

✓

An API Platform

✓

The API First World

✓

✓

Quiz #2 Introducing Postman

Your First API Request

✓

Task: Create a workspace

✓

Task: Create a collection

✓

Task: Get books from the Library API

✓

Request-Response pattern

✓

✓

Quiz #3: Your First API Request

Request Parameters

✓

Variables in Postman

✓

Query parameters

✓

Task: Search books by genre

Task: Multiple query parameters

Path Variable

Task: Get a book by id

✓

Quiz #4: Query vs. path parameters

Sending data with POST

Task: Add a book

Task: Add an authorization header

Task: Use Postman Auth instead!

✓

Quiz #5: Sending Data With Postman

Introduction to variables and scripting

Variables in Postman (Continued)

Task: Search books by genre

Let's try to filter our book's results only to show us fiction books.

The API allows us to add query parameters to a **GET /books** request to filter the results, as shown under "Params." Check out the [Postman Library API v2 documentation](#) for detailed documentation.

GET

Get books

https://library-api.postmanlabs.com/books

Get all books, or add query parameters to filter results by **genre**, **search** keyword, or **checkedOut** status

HEADERS

Accept

application/json

PARAMS

genre

fiction

a genre to filter for

checkedOut

false

a value true or false

search

borges

a search term to match against author or title

Example Request

A list of all books

curl --location --request GET 'https://library-api.postmanlabs.com/books'

Example Response

200 OK

Body

Header (1)

[

{

"id": "50b1a8e9-78f0-4a80-b350-8fdf8fb1b8b8",

"title": "A Thousand Splendid Suns",

"author": "Khaled Hosseini",

"genre": "fiction",

"yearPublished": 2007,

"checkedOut": false,

"isPermanentCollection": true,

"createdAt": "2022-03-04T22:10:24.526Z"

}

]

View More

Get all fiction books.

Let's filter the library catalog to get all the fiction books. We can recycle the first request since we are hitting the same **GET /books** endpoint.

< Previous

Next

1. In Postman, inside the **Postman Library API v2** Collection you made, hover over the "get books" request, click the three dots icon that appears, and then select **Duplicate** to create a copy of the request.

2. Rename this second request from the default "**get books Copy**" to "**get fiction books.**" You can hover on the collection name in the right pane and click the edit icon that appears.

3. Using the **Params** tab, **add a query parameter** with a key **genre** and value **fiction** to the "get fiction books" request. Notice how Postman syncs the request URL in real time, adding the question mark **?** automatically to mark the start of query parameters!

4. **Save and Send** your request

You should get a **200 OK** response with an array of book objects - but only books with the **fiction** genre!

A screenshot of the Postman application interface. On the left, a sidebar shows a collection named 'Postman Library API v2' with several requests listed, including 'get fiction books' which is currently selected. The main workspace displays the details of the 'GET' request for 'get fiction books'. The URL is set to '{{baseUri}}/books?genre=fiction'. The 'Params' tab is active, showing a single query parameter: 'genre' with the value 'fiction'. Below the params tab, the 'Response' section is visible, showing a placeholder image of a robot and the text 'Click Send to get a response'. The top of the interface shows the 'Postman Library API v2' collection name and the 'get fiction books' request name.

You can try sending the request again with another value for **genre** , but don't forget to **save the request** before moving to the next lesson.

What if you wish to use multiple query parameters? Don't worry, we will cover that next!