Postman API Fundamentals

Student Expert certification **Course Overview**

Welcome

Before you start

Register as a Postman Student

What are APIs?

Application Programming Interfaces

APIs - A Digital Restaurant

Types of APIs

Quiz #1: What Are APIs?

Introducing Postman

O 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

Query parameters

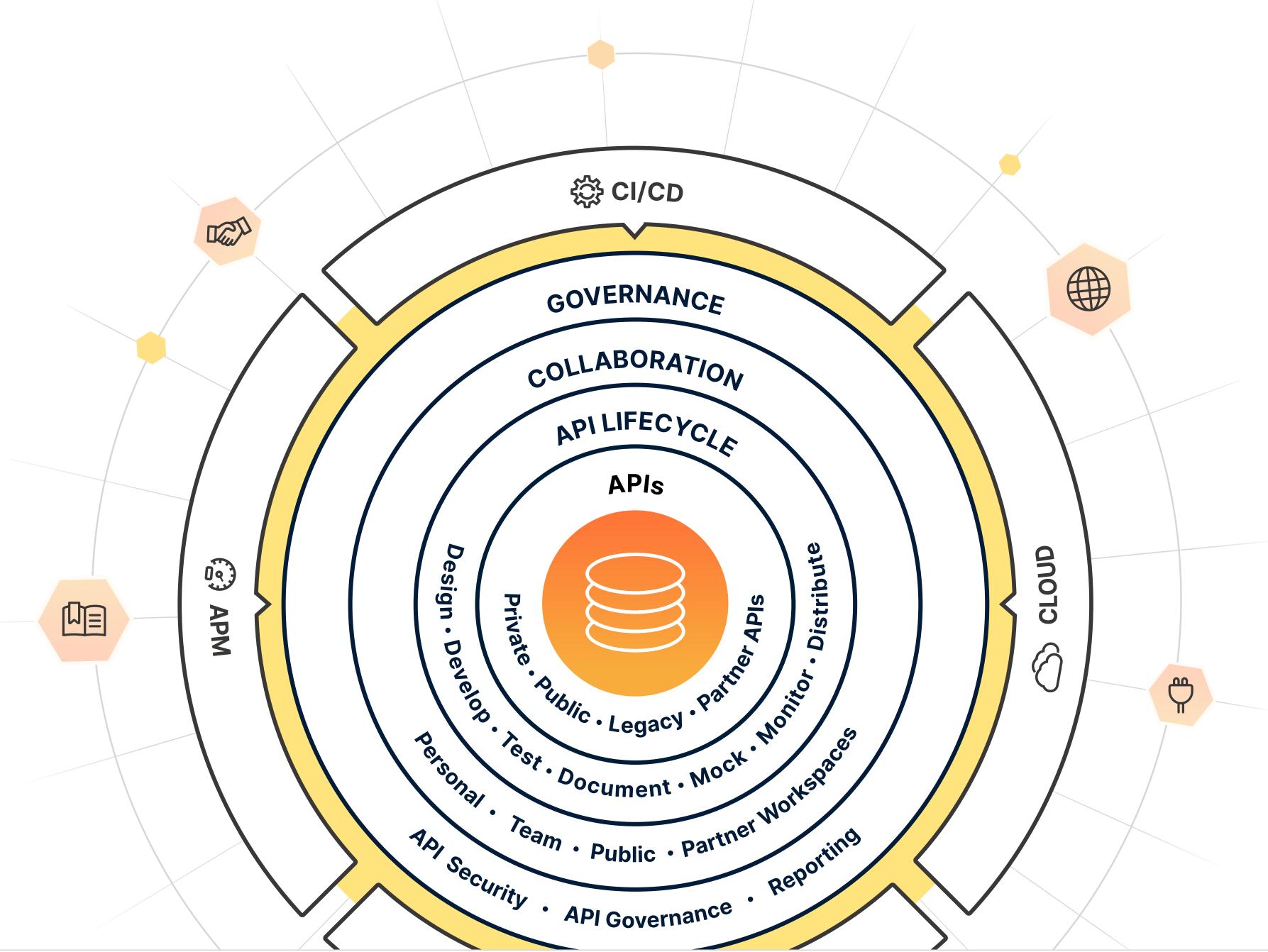
Task: Multiple query parameters

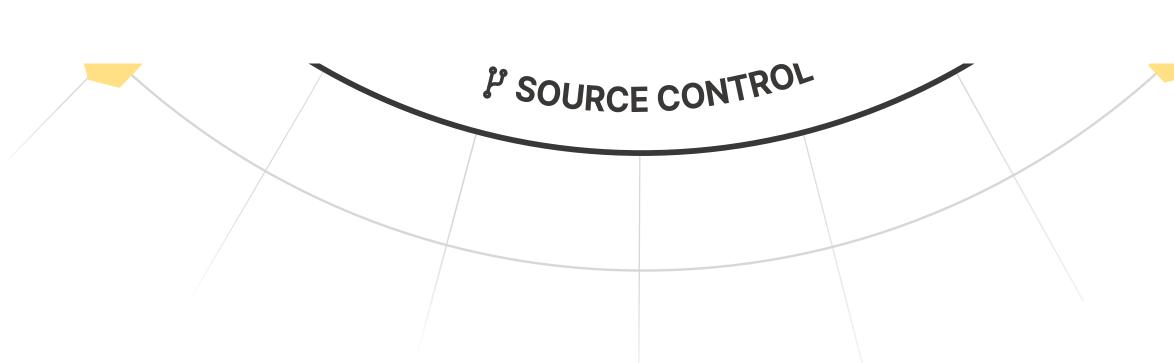
Task: Search books by genre

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An API Platform

Postman is an API platform for building and using APIs. Postman simplifies each step of the API lifecycle and streamlines collaboration so you can create better APIs faster and consume them with ease. That's why Postman is trusted by over 25 million users worldwide!





Working with APIs then and now: cURL vs. Postman

Before Postman, it was common practice to poke at APIs with a command line tool for making HTTP requests called cURL. This tool is still used today but has its limitations when it comes to collaboration and sharing.

API calls with curl

This is an example of what an API call in the terminal using the curl command looks like. Here we are fetching data about GitHub user postmanlabs

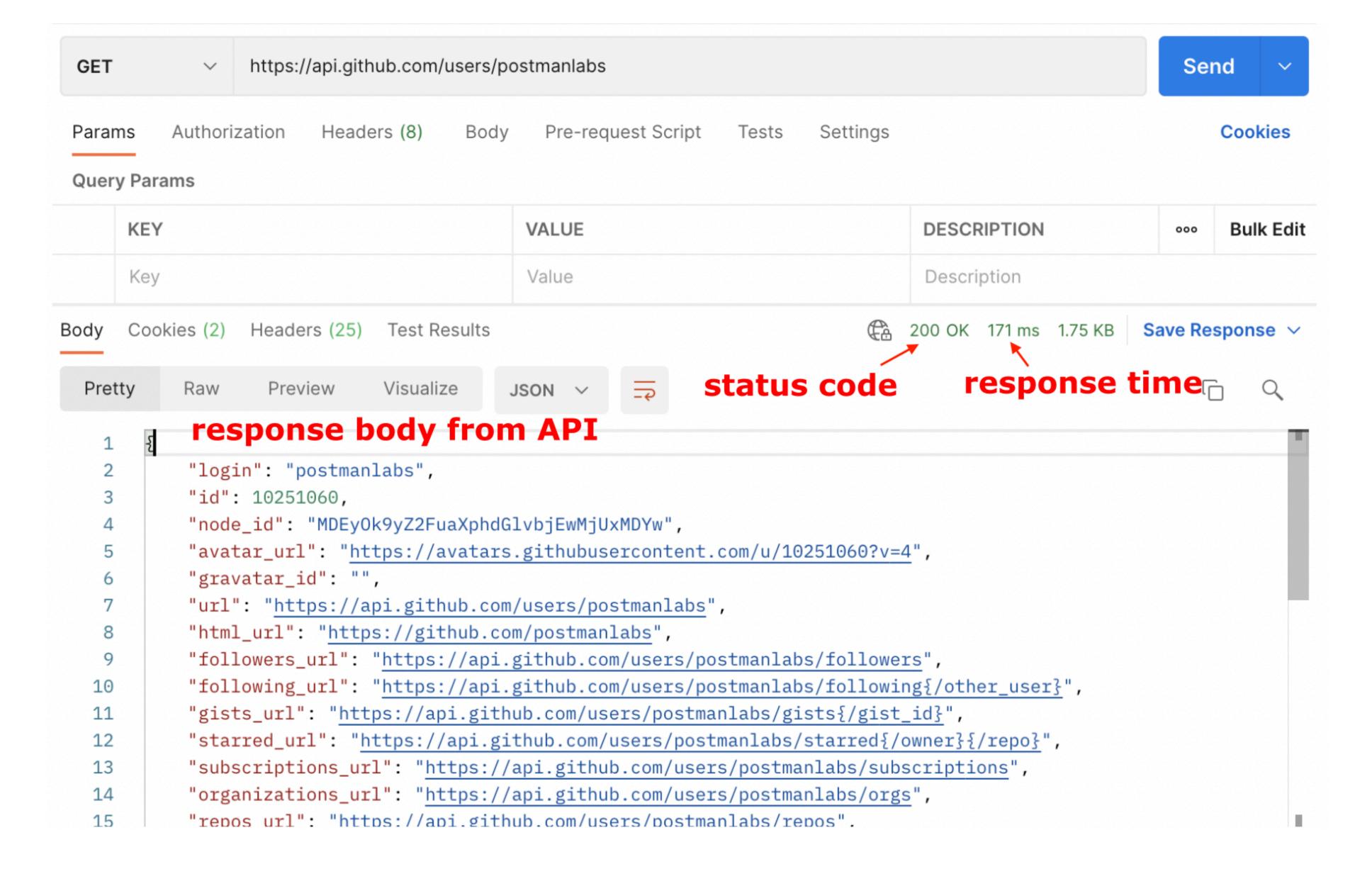
curl https://api.github.com/users/postmanlabs



It works great, but once you make the call, the API response data is lost in the river of the terminal. You also don't have visibility of the metadata of the response without adding more details to the command.

API calls with Postman

Here is the same call done with Postman. Postman shows the response with clean indents and colors and allows you to save, organize and share your requests. You can also see all the components of the request and response broken down into tabs and other helpful details like the response time and status code.



Get Help Open Postman