

# API Testing



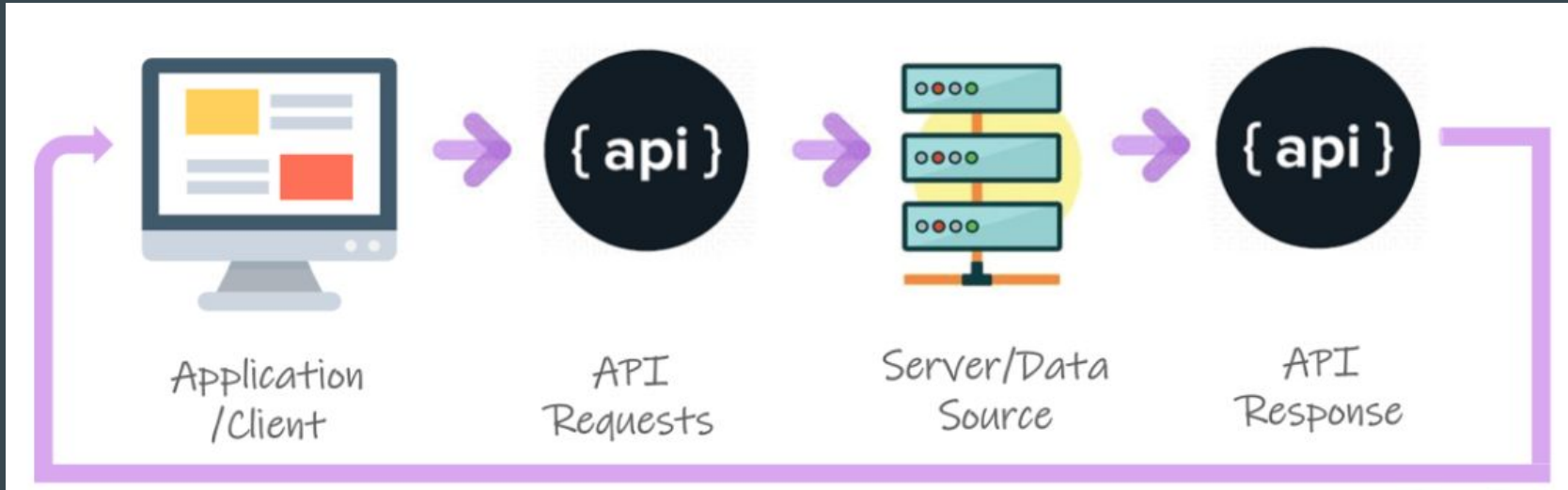
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# API Testing and Workflow

API stands for Application Programming Interface. An API is a **software intermediary that allows two applications to talk to each other**. In other words, an API is the messenger that delivers your request to the provider that you're requesting it from and then delivers the response back to you.



# HTTP

## Hypertext Transfer Protocol (HTTP)



## HTTP Status Code

<https://developer.mozilla.org/en-US/docs/Web/HTTP/Status>

# API

## Collection in API testing

Collection in Postman means **a group of API requests that are already saved in the Postman and can be arranged into folders.**

## Environment in Postman

An environment is **a set of variables you can use in your Postman requests.** You can use environments to group related sets of values together and manage access to shared Postman data if you are working as part of a team.

# API Request

<https://docs.google.com/document/d/1YyzPMbEu6eEMFrvp-WHiJW-SvDTJvikqx1QGyyFgRXw/edit?usp=sharing>

# Newman

Newman

Install Command: `npm install -g newman`

Run Command:

1. `newman run "Path/CollectionName.json" -e Path/EnvironmentName.json`
2. `newman run "Collection Link" -e "Path"/EnvironmentName.json`

Report:

Install: `npm install -g newman-reporter-html`

`npm install -g newman-reporter-htmlextra`

Run Command:

1. `newman run "Collection Link" -e "Path"/EnvironmentName.json -r cli,html`  
`newman run "Collection Link" -e "Path"/EnvironmentName.json -r cli,htmlextra`