

eXceed-BACKEND

HTTP Request  
& Postman

x

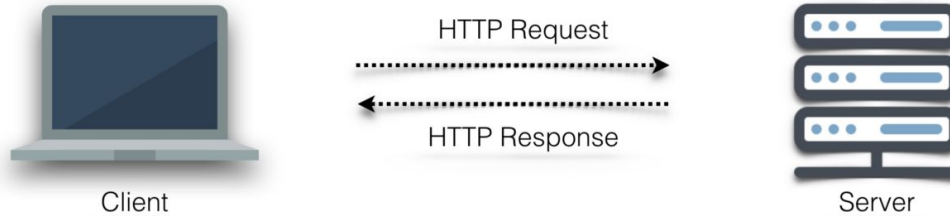
HTTP

x □ \_

POSTMAN

# HTTP Request

What is HTTP Request/Response ?



# HTTP Request

## HTTP Request Methods

- GET
- POST
- PUT
- DELETE

## HTTP Methods

# GET

The GET method requests a representation of the specified resource.

Requests using GET should only retrieve data.

## HTTP Methods

# POST

The POST method submits an entity to the specified resource, often causing a change in state or side effects on the server.

## HTTP Methods

# PUT

The PUT method replaces all current representations of the target resource with the request payload.

## HTTP Methods

# DELETE

The DELETE method deletes the specified resource.

# Component of Response Message

- Status Code
- Headers
- Body



# HTTP Response

## HTTP Status Codes



# HTTP Status Codes

- Informational responses (1xx)
  - 102 Processing: This code indicates that the server has received and is processing the request, but no response is available yet.

# HTTP Status Codes

- Successful responses (2xx)
  - 200 OK: The request was completed successfully
  - 201 Created: The request succeeded, and a new resource was created as a result.

# HTTP Status codes

- Redirection messages (3xx)
  - 300 Multiple Choices :The request has more than one possible response. The user agent or user should choose one of them.

# HTTP Status Codes

- Client error responses (4xx)
  - 400 Bad Request: The server could not understand the request due to invalid syntax.



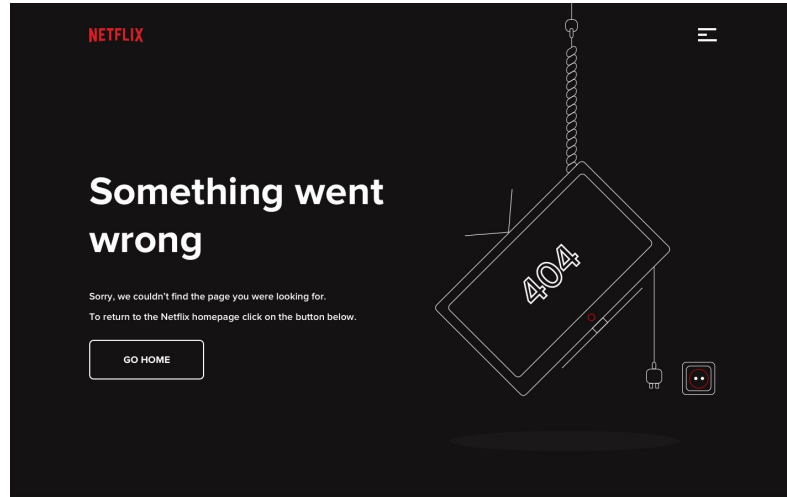
400. That's an error.

Your client has issued a malformed or illegal request.  
That's all we know.



# HTTP Status Codes

- 404 Not Found: The requested resource could not be found at the given URI.



# HTTP Status Codes

- 422 Unprocessable Entity : The request was well-formed but was unable to be followed due to semantic errors.

- Server error (5xx)
  - 502 Bad Gateway

## Error 502

Ray ID: 3a15e3c2c84739ca • 2017-09-20 15:41:34 UTC

Bad gateway

