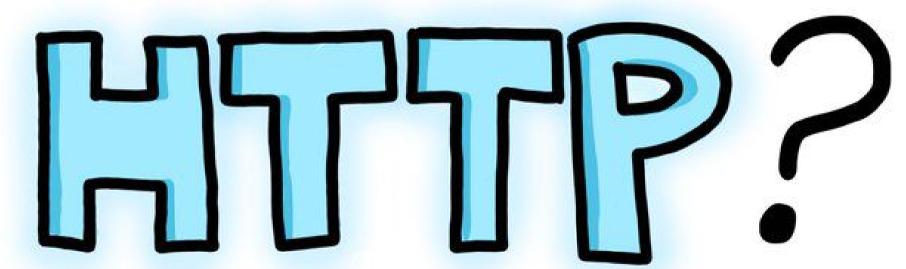


## What is

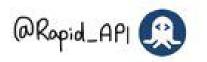




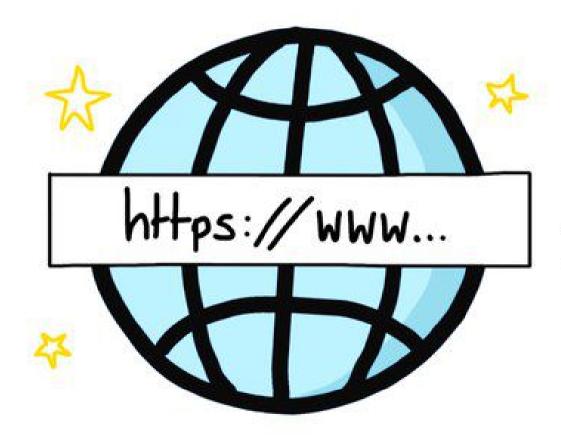








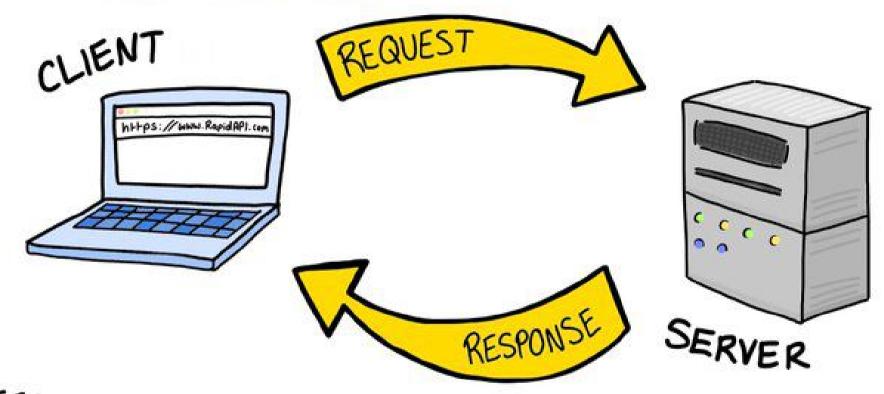
## HTTP stands for Hypertext Transfer Protocol



HTTP is the foundation of the Internet and how it functions.

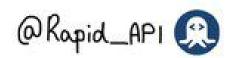


## How HTTP works:

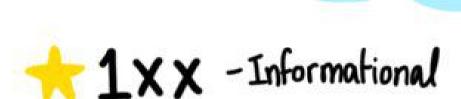


HTTP works in a request and response system.

The browser requests specific information, and the server will respond with it if it's available.



## HTTP Status Codes



+2XX -Success

+ 3xx-Redirection

+ 4XX - Client Error

+ 5XX - Server Error

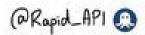
The Server returns a Status code in it's response to let the client know if the request was successful or not.

Example: 200 (ok)

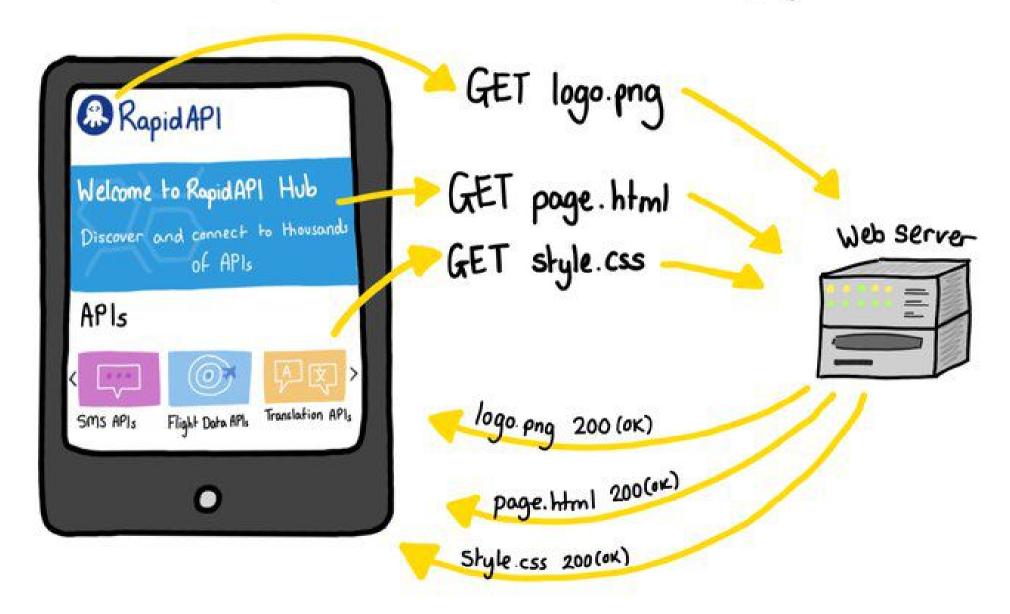
Successful with no problems.

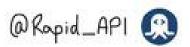
Example: 404

File not found - resource was not located by the server.



When you load a web page in your browser,
HTTP Requests are made to Fetch and display it.





Responses defined with HTTP Status

Stateless

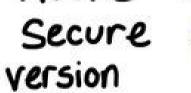


Custom HTTP Headers can be

used in

requests and responses

HTTPS - The



Features of HTTP

Uses Server

model

Application layer protocol based on

TCP/IP