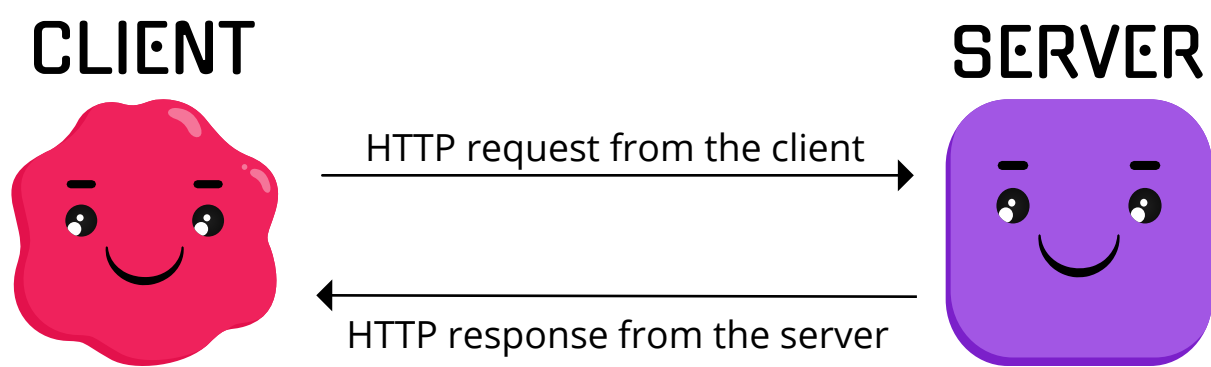


HTTP - HyperText Transfer Protocol

It is the protocol used when you visit a website in your browser.



REQUEST

GET/ HTTP/1.1

content-type: text/html
Host: celine.tech
User-Agent: Mozilla
Cookie: 123
Accept-language: en-US

[Optional body]

MUST HAVE

A domain
A resource
A method
A header

Method

Resource being requested

HTTP version

GET/request-diag.png HTTP/1.1

Methods

- GET** request a resource
- POST** to submit resources (form)
- DELETE** to delete resources
- PUT** to update resources

URL OVERVIEW

https://celine.tech:443/about?author=celine

Scheme	Domain	Port	Path	Query string
Protocol used for the request. Some other protocols: HTTP, FTP, POP, SMTP, IMAP	Other domains: .com, .org	http (80) https (443)	to ask the server for	

RESPONSE

HTTP/1.1 200 OK

Content-type: text/html
Content-length: 230
Date: Mon, 09 Sep 2020

<!DOCTYPE html>
<html>
</html>

MUST HAVE

A status code
A header
A body

Content-type: type of body
Content-length: length of the body in bytes
Date: when response was sent

Common status codes

- 200 ALL GOOD
- 301 MOVED PERMANENTLY
302 FOUND (TEMPORARY REDIRECT)
304 NOT MODIFIED
- 400 BAD REQUEST
403 FORBIDDEN
404 NOT FOUND
- 500 INTERNAL SERVER ERROR

