Welcome to the CIT’s Data Cell !

 # MODULE 1 : Data Exploration

WEB-SCRAPING-AND-AUTOMATION

HTTP servers power web communication between clients and servers

Club Informatique & Télécom
Data Cell

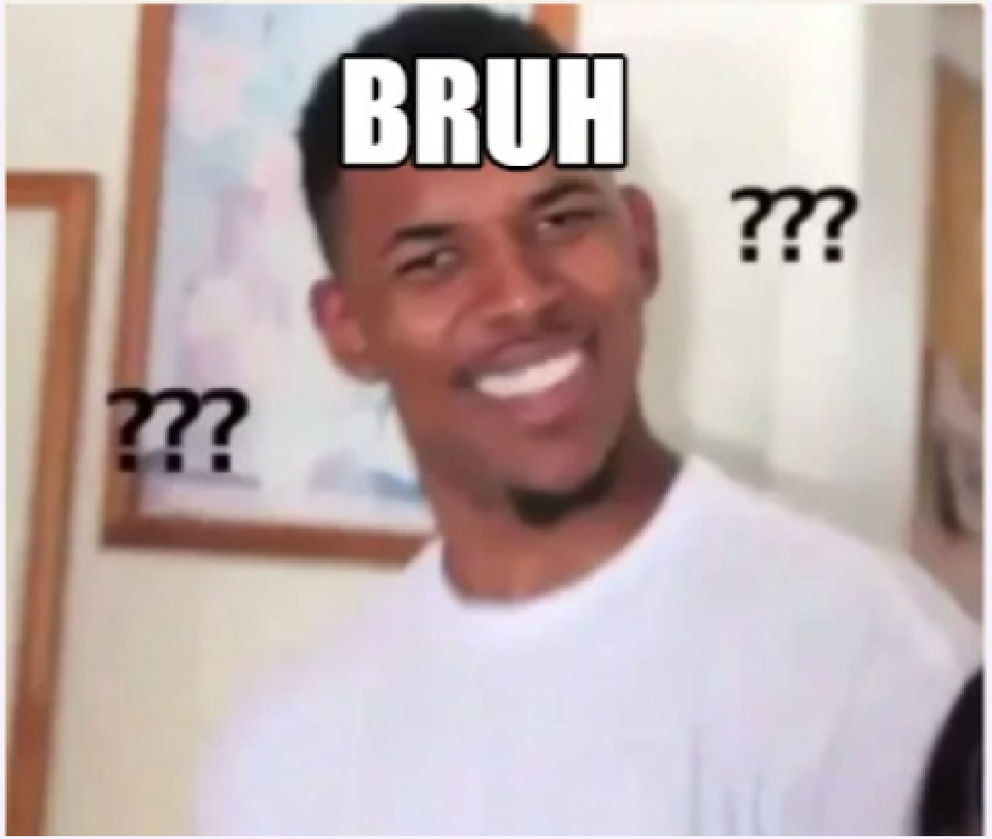
Web Scraping

- What is HTTP ?
- HTTP request methods
  - .GET
  - .POST
  - .PUT
  - .DELETE

What is HTTP ?

Hypertext Transfer Protocol (HTTP) is an application-layer protocol for transmitting hypermedia documents, such as HTML. It was designed for communication between web browsers and web servers, but it can also be used for other purposes, such as machine-to-machine communication, programmatic access to APIs, and more.

~ Mozilla Developer Network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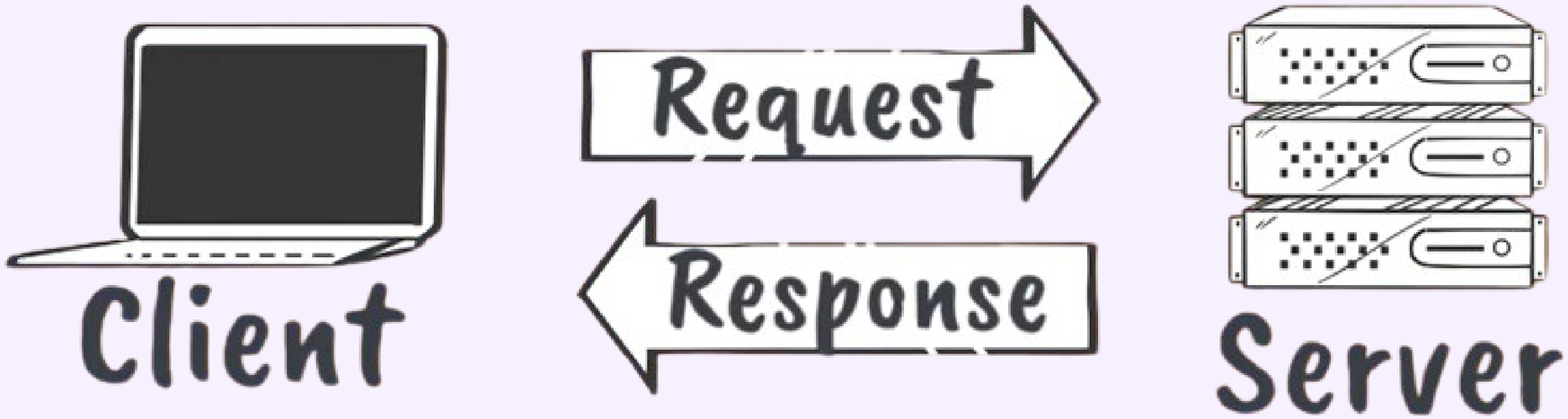
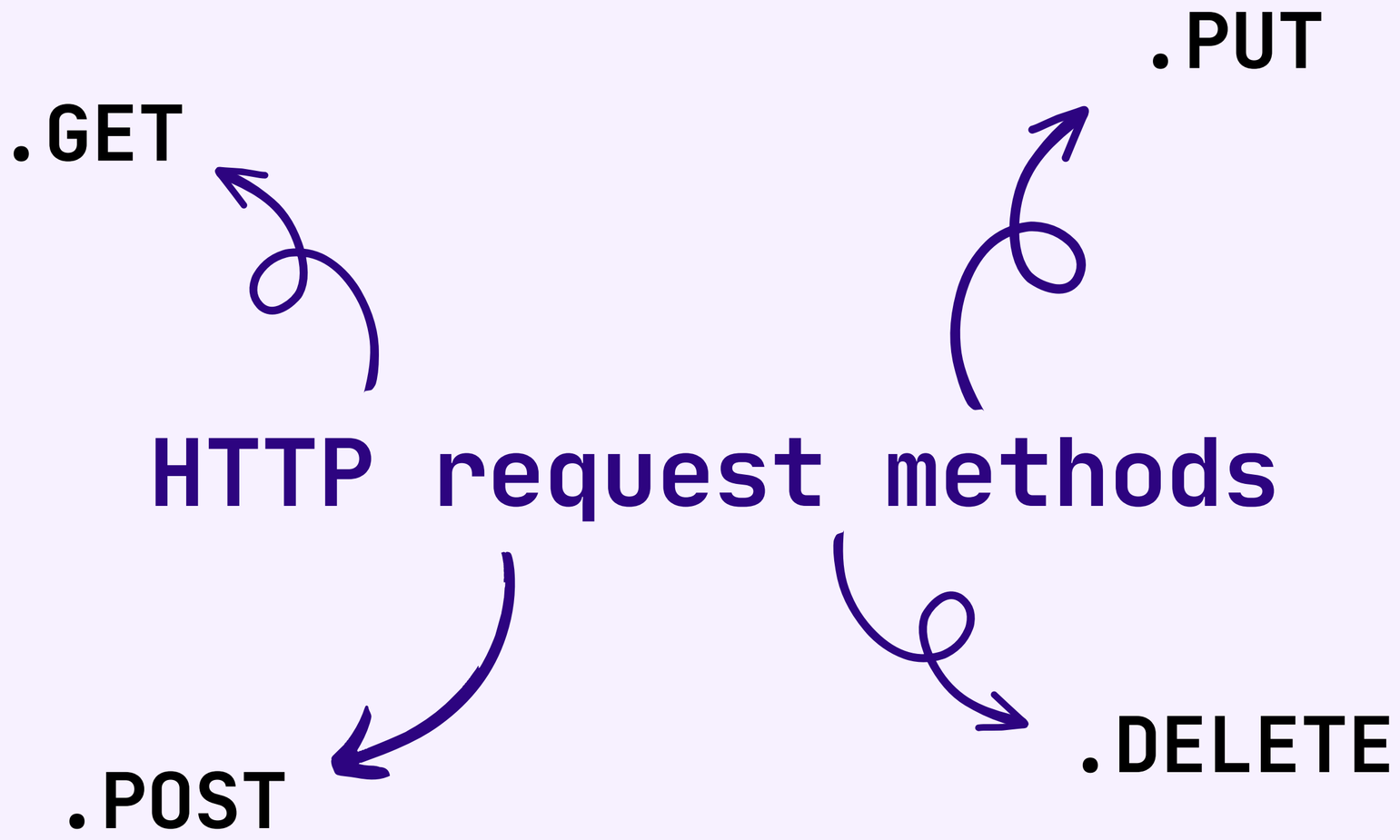
What is HTTP ?



Clients communicate with servers by sending requests and waiting for responses.


.PUT
.GET
HTTP request methods
.POST
.DELETE

HTTP GET request

- Retrieves data from the server.
- Does not modify data on the server (safe).
- Idempotent, means that making the same request multiple times will yield the same result.

HTTP POST request

- Sends data to the server to create a new resource.
- Not idempotent.

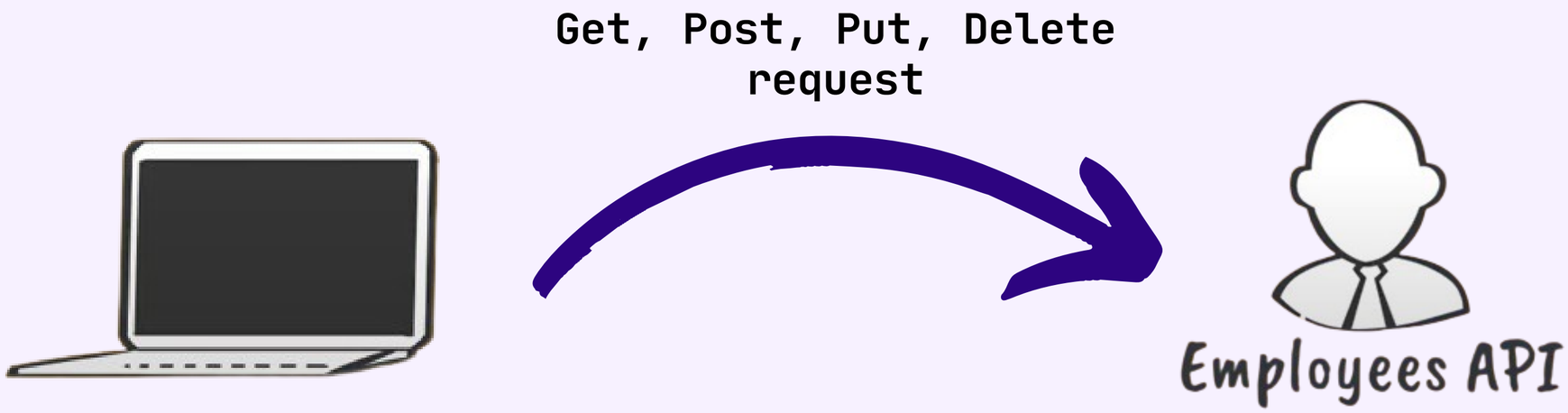
HTTP PUT request

- Sends data to the server to update an existing resource or create a new resource if it doesn’t already exist.
- Not idempotent.

HTTP DELETE request

- Requests the server to delete a specified resource.
- Idempotent.

HTTP DELETE request



Ready, Set, Code!