## **Python Backend**

HTTP Protocol (standard language to communicate) : Allows you to communicate with 2 nodes on TCP via text.

Accept a request → Send back response.

GET: only read

POST: always changes something on the backend (changes state) {usually do it with a resource parameter}

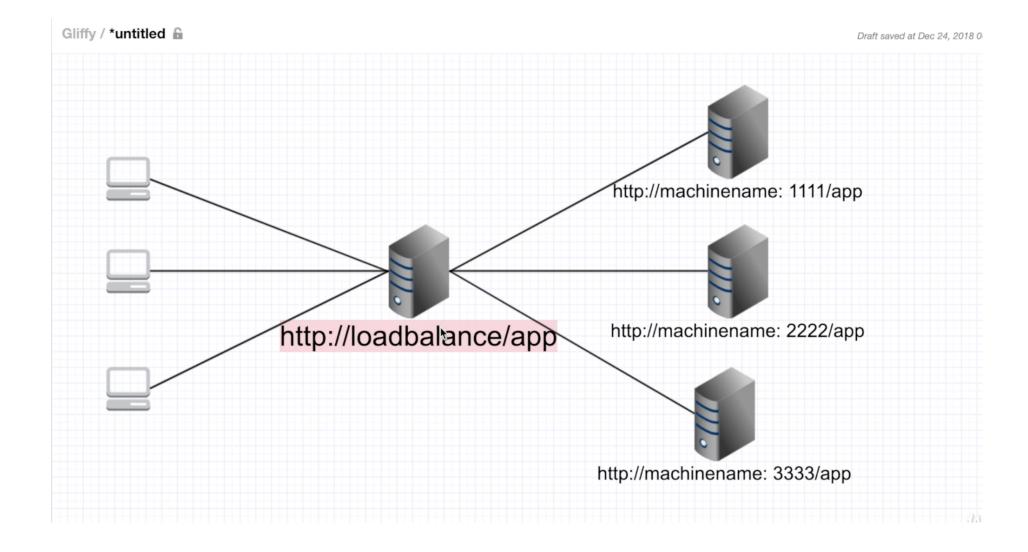
Sending information to the server (2 types): query parameter and resource parameter <a href="youtube.com/watch?...">youtube.com/watch?...</a> (after ?: query parameter): server parses query url and gets information. Youtube API does this ^

Other method: resources (built into the url: /twitter.com/samit/status/ID (break resources into sub resources and use that query)

JS consuming Python API: You're good at python but the people you want to use your API only know JS / GO etc..

## Load Balancing -:

Process of recieving requests from clients, it an instsance and that instance starts distributing that request to multiple applications.



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