

## REST

MOST common API used for web and App.

API → Application programming Interface.

The way in which client and server talk.

REST → Representational State transfer

Set of rules used for web API's.

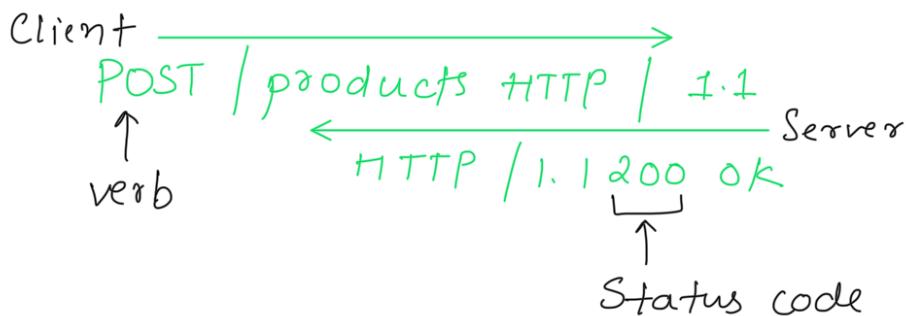
API → REST → RESTful.  
based on  
are called

Eg → Stripe, googlemap etc.

## Basics of Rest

Restful API organise resources into a set of basic URIs  
↳ Uniform resource Identifiers.

→ URIs differentiate diff. types of resources on a server



Post → Create  
get → read  
put → update  
delete → delete

200 → Success

400 → Something's wrong at our request.

500 → Internal Server Error

500 → something's wrong at server side.

- In RESTful API both client / server are independent and do not store any data
- If request ends up with huge data use paginat<sup>n</sup>

0	1	2	3	4	5	→
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commonly we use `/products?limit=25 & offset=50`

- REST API versioning

Eg →   
| v1 | products  
| v2 | products