

# What is an API

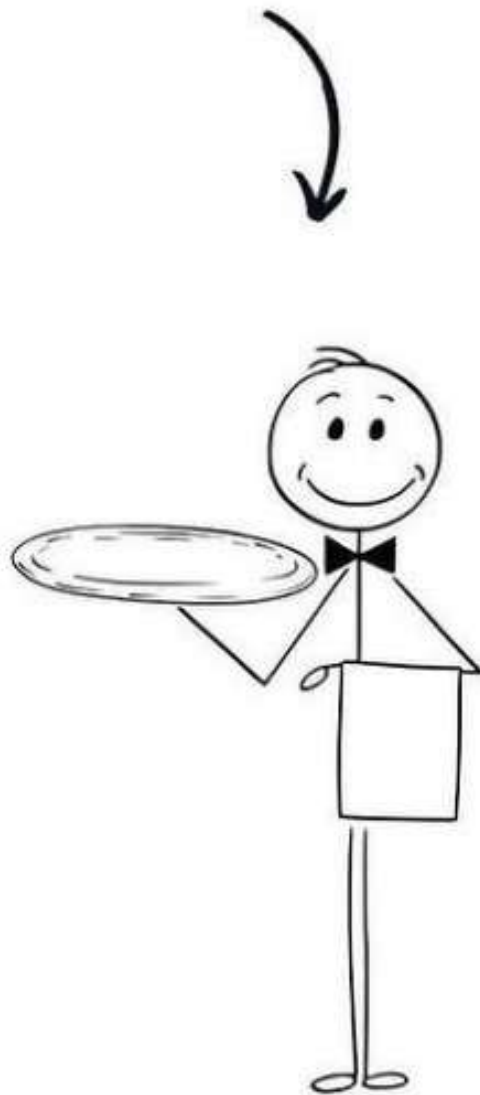
**EXPLAINED!**



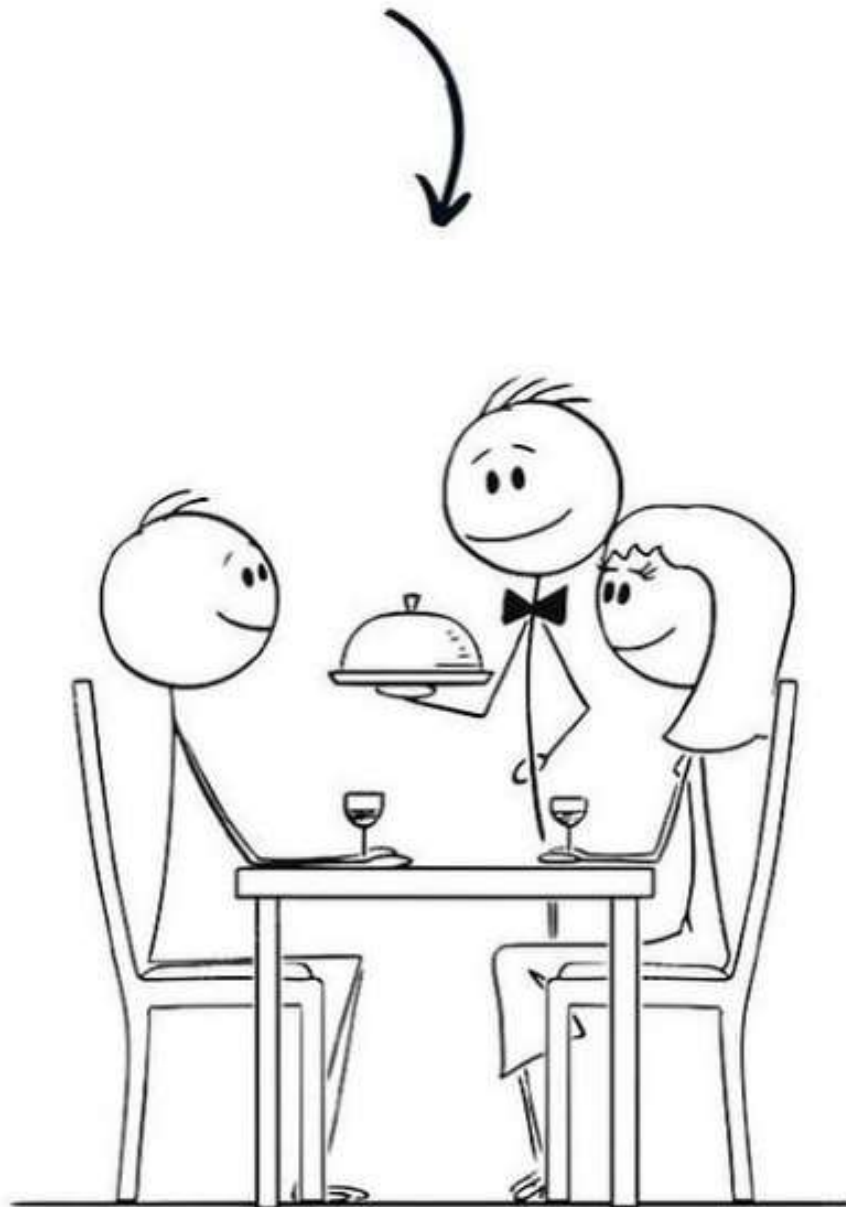
*Art credit :  
@guzzsoares*



A waiter takes the order from the customer  
*which is then relayed to the chef.*



Once the chef completes the meal  
*the waiter brings the meal to the customer.*



Similarly,

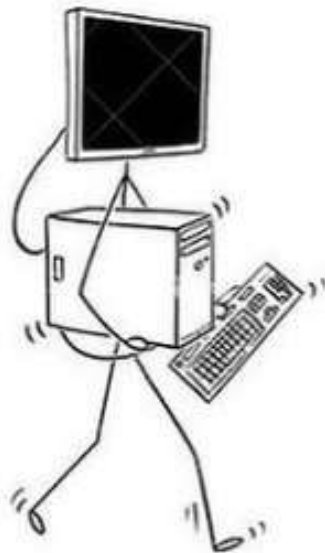
an API receives a request from an application.

It then interacts with a data source to collect and process a response,  
which is then returned to the application.



## Definition :

An API (Application Programming Interface) is a set of functions that allows applications to access data and interact with external software components, operating systems, or microservices.

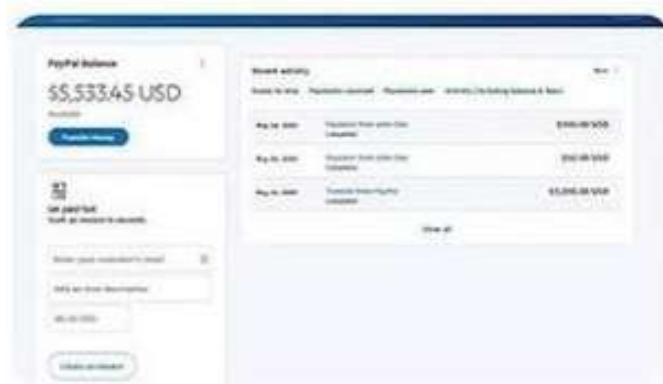


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