Sound Check

How Web Works ?

Roshan Acharya

linktr.ee/coderosh

Terminologies

IP (Internet Protocol) address: A unique number provided to devices connected to internet.

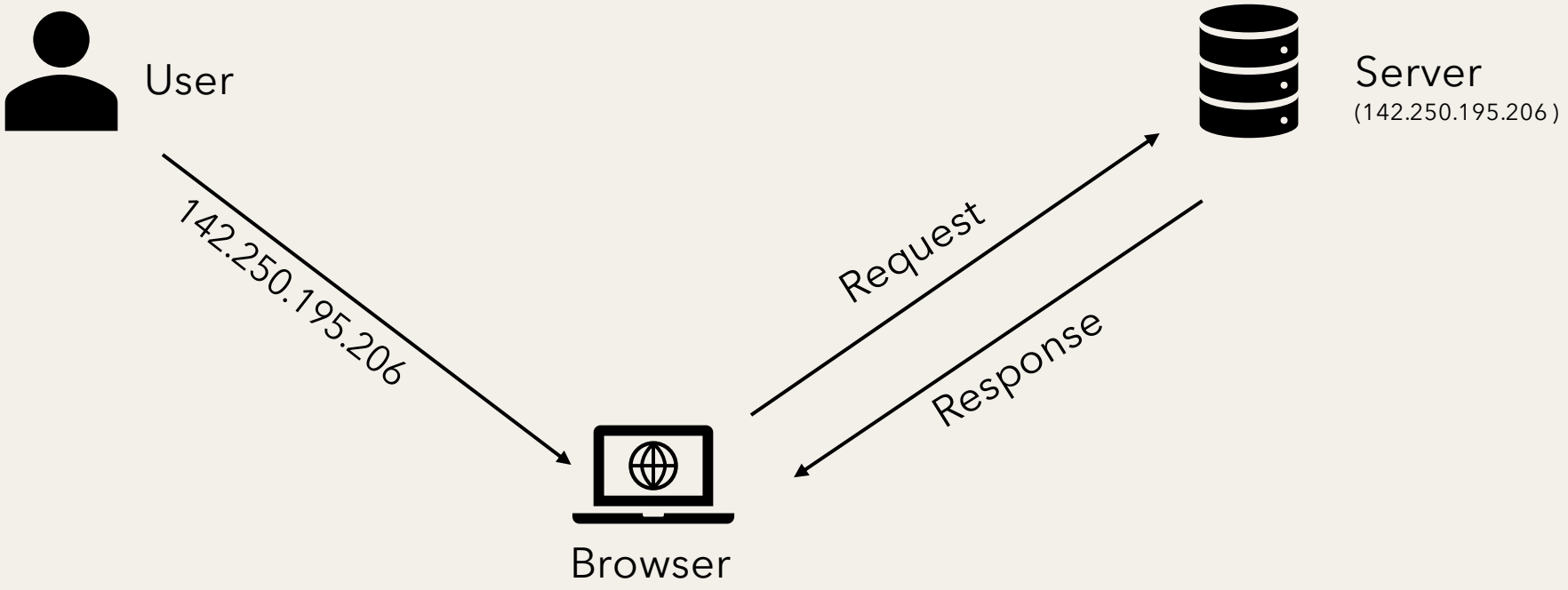
Internet: A global network of computers and electronic devices.

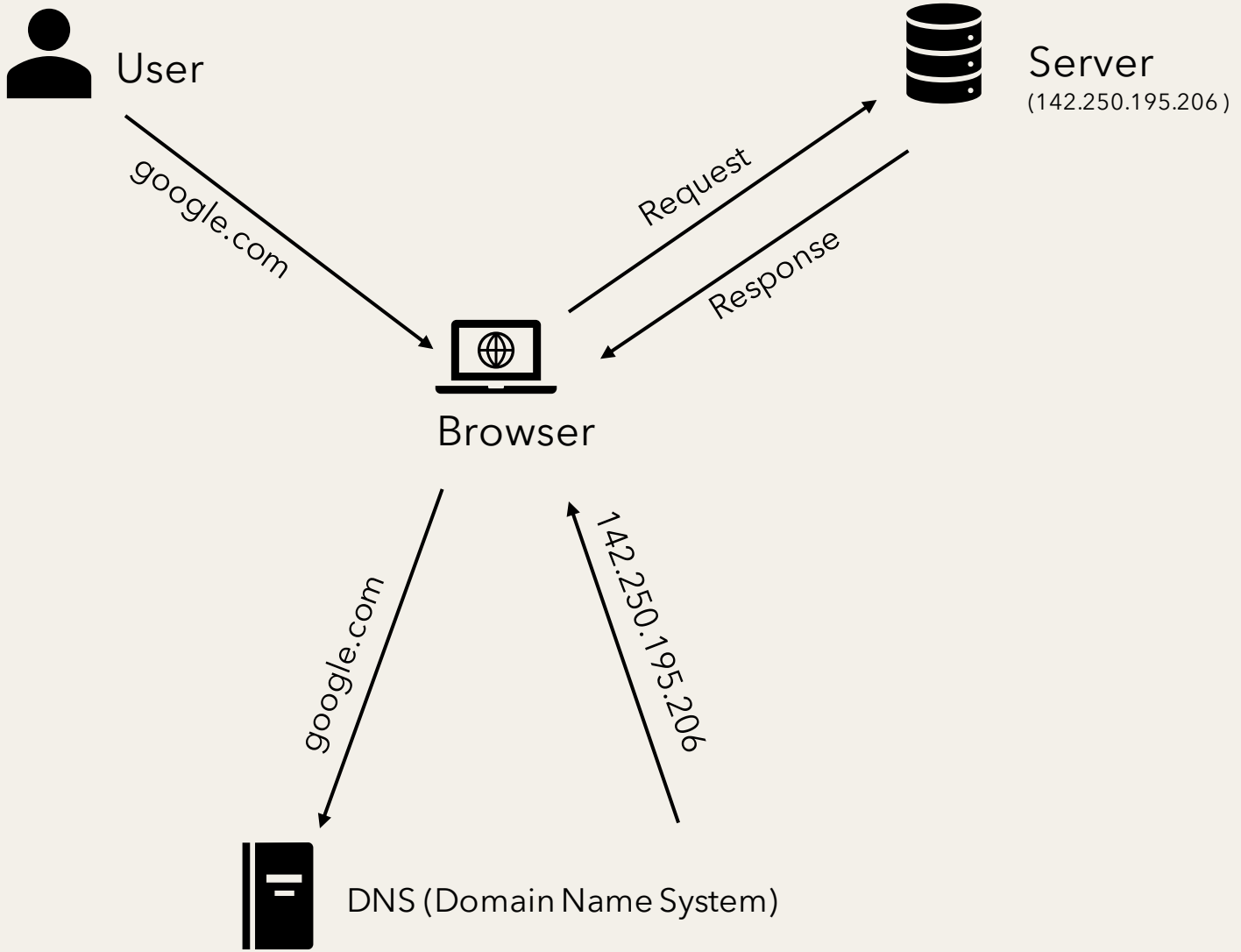
Server: A server is a computer or system that provides resources, data, services, or programs to other computers (clients) over a network.

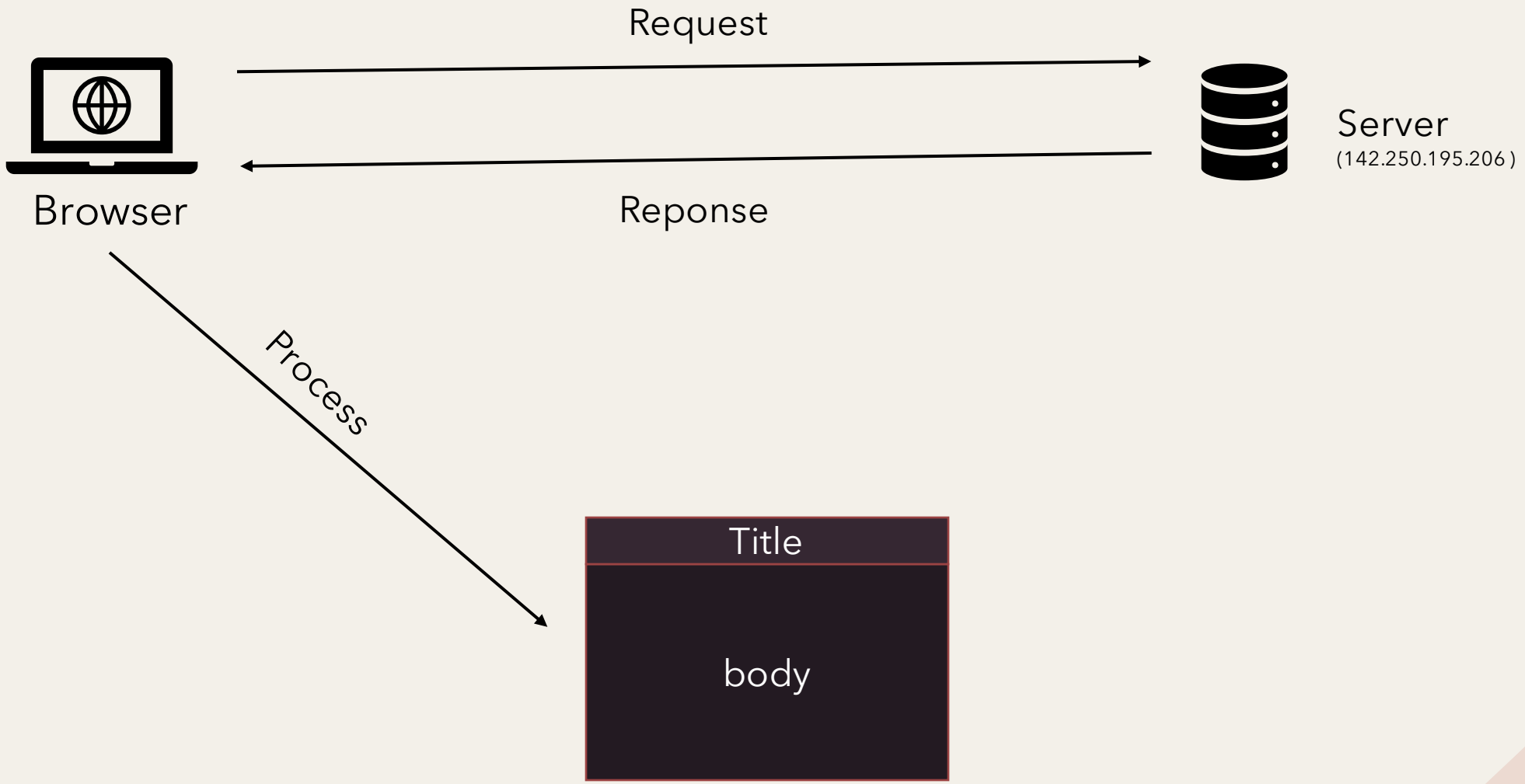
Web Server: A server which serves web pages to clients.

HTTP (Hypertext Transfer Protocol): A standardized protocol which defines what a request (and response) has to look like, which data may be included (and in which form) and how the request will be submitted.

How Websites Work ?




User
Server
(142.250.195.206)
google.com
Request
Response
Browser
google.com
142.250.195.206
DNS (Domain Name System)


Request
Server
(142.250.195.206)
Browser
Reponse
Process
Title
body

Any Questions ?

Resources:

https://www.cloudflare.com/learning/dns/what-is-dns/

https://flaviocopes.com/http-request

https://developer.mozilla.org/en-US/docs/Web/Performance/How_browsers_work

https://www.lifewire.com/what-is-an-ip-address-2625920

https://www.lifewire.com/servers-in-computer-networking-817380

https://www.cloudflare.com/learning/ddos/glossary/hypertext-transfer-protocol-http/

https://nanduribalajee.medium.com/what-is-a-web-server-5c28c9391464