



How does the Internet do its thing?

Agenda

1. Making requests
2. Understanding responses
3. Live example
4. Web browsers + technologies

It starts with your browser

`https://mica.edu`



It starts with your browser

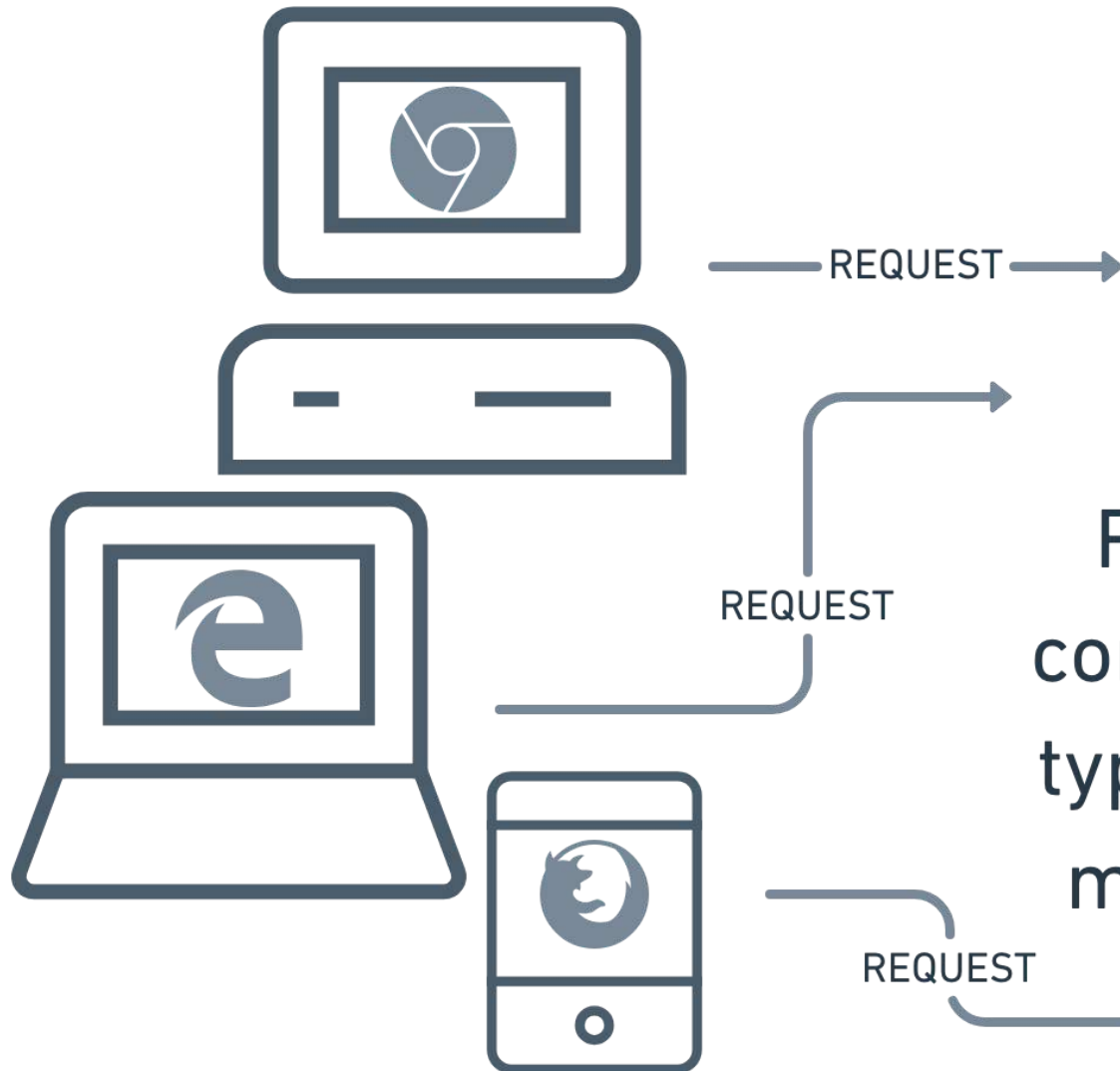
https://mica.edu



— REQUEST —→

!important





Requests can
come from many
types of devices,
many browsers

Making a request

`https://mica.edu`



— REQUEST —→

Making a request

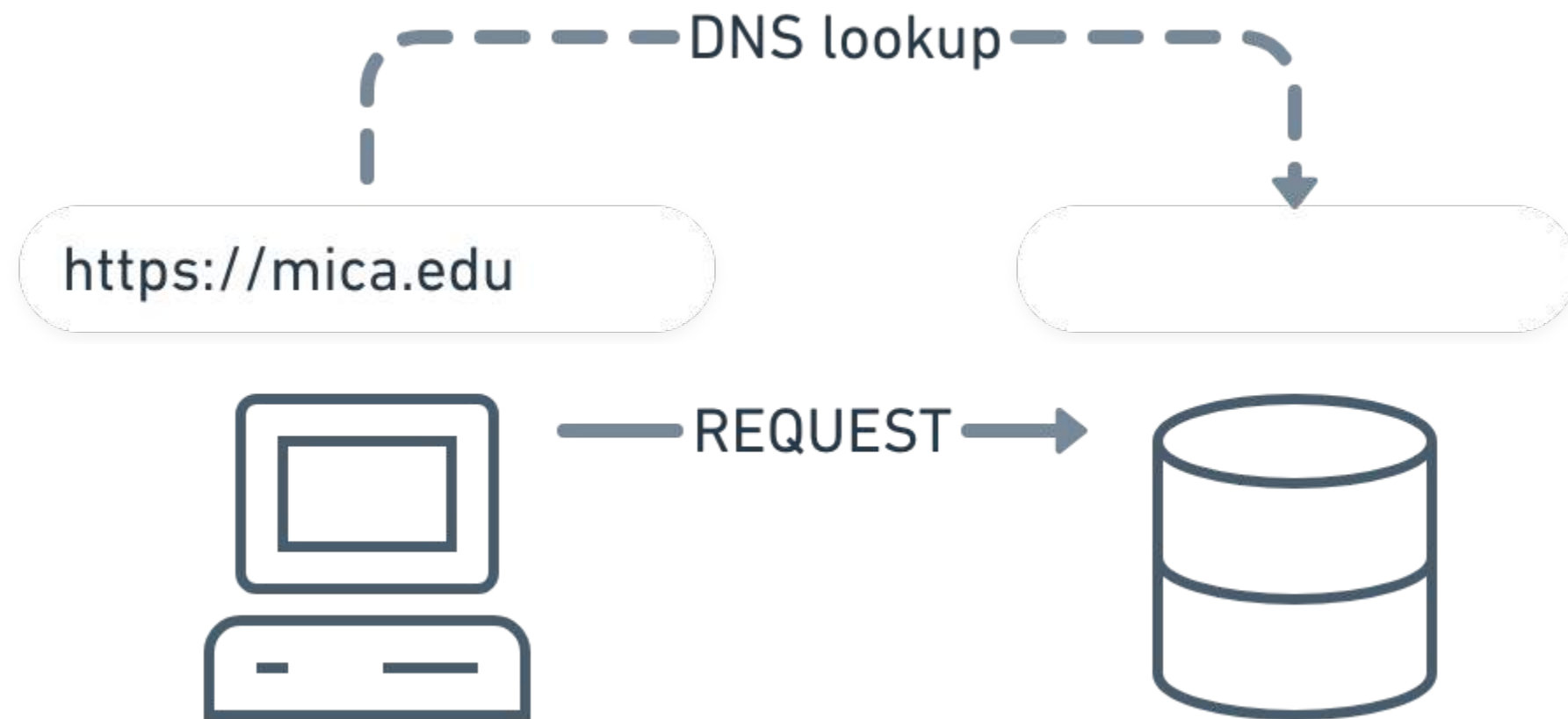
https://mica.edu



— REQUEST —→

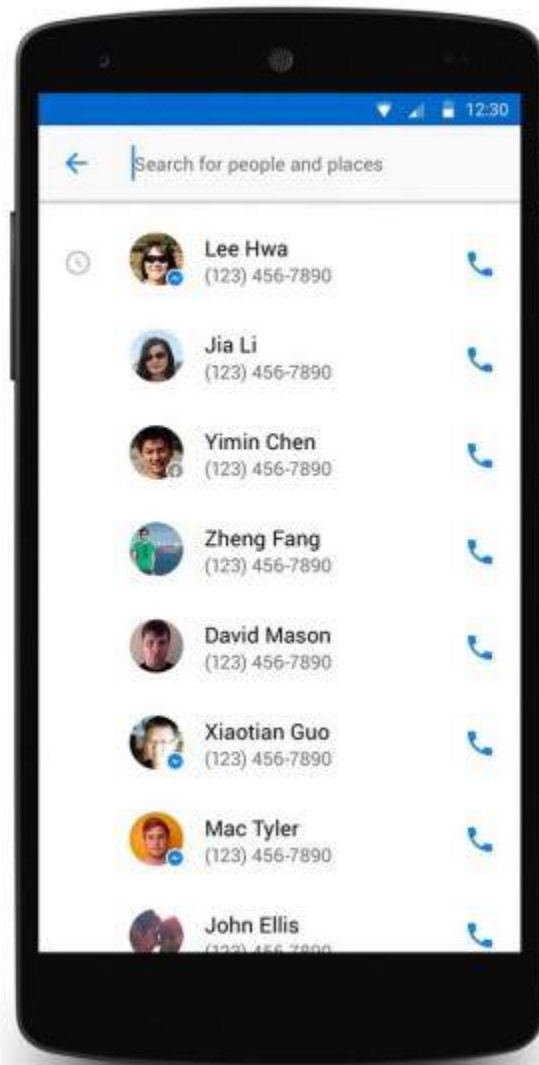


DNS lookup

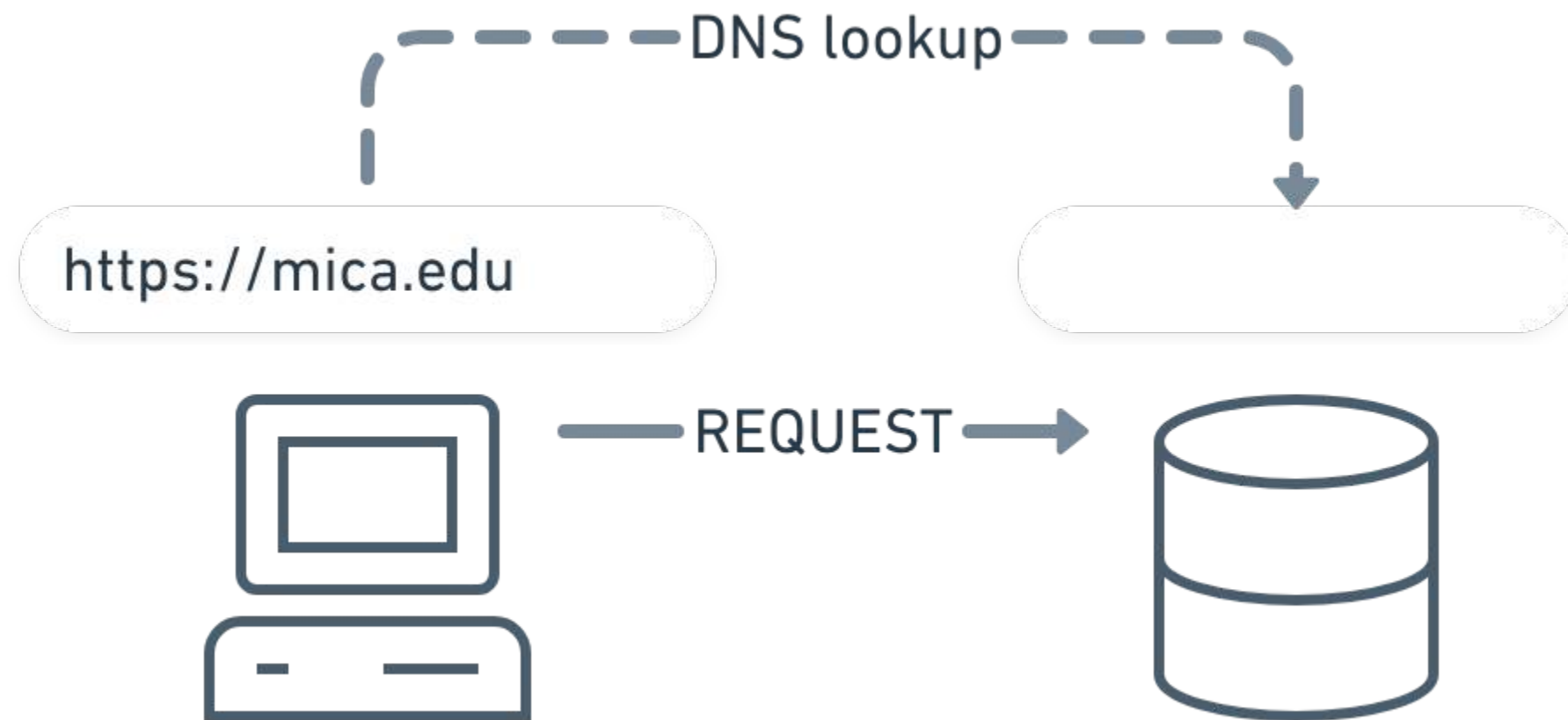


DNS whatsit?

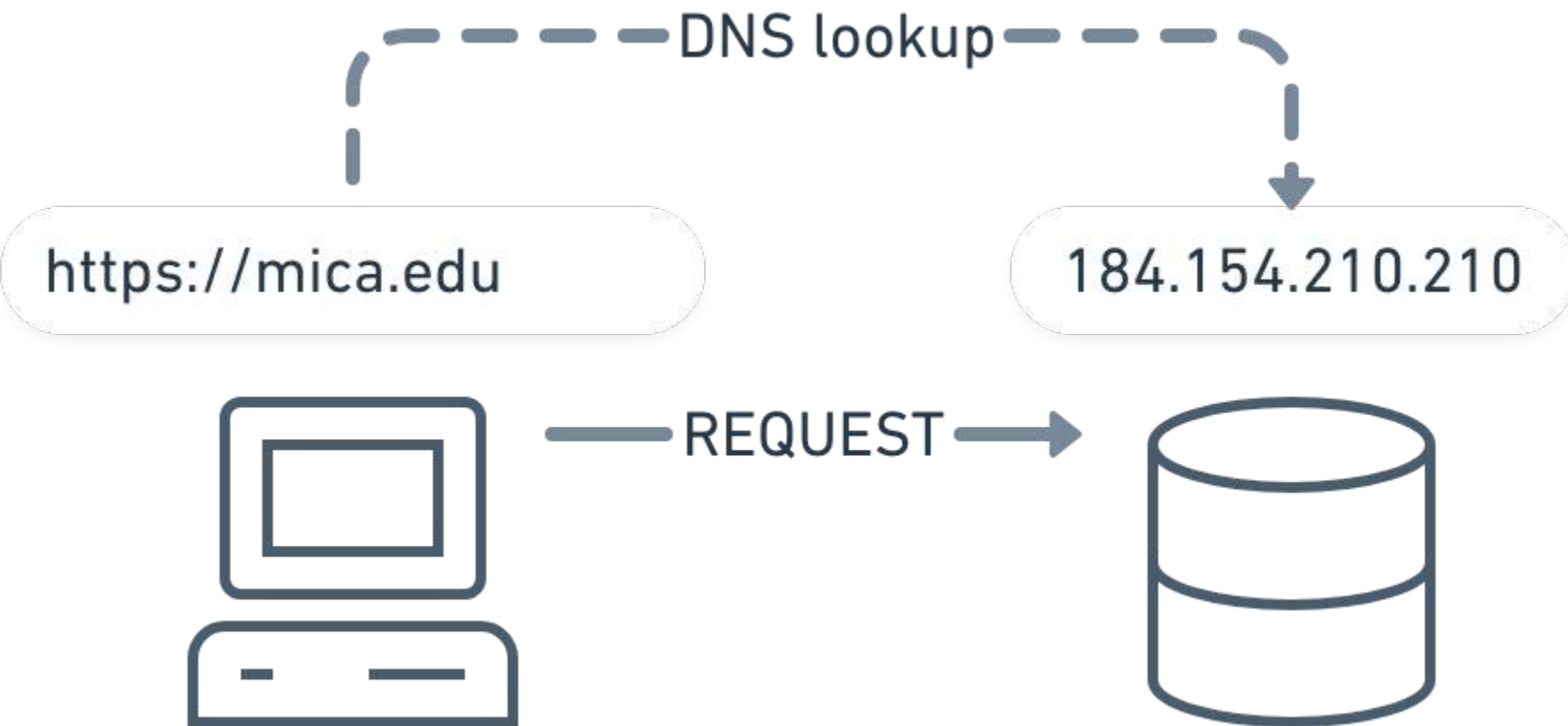




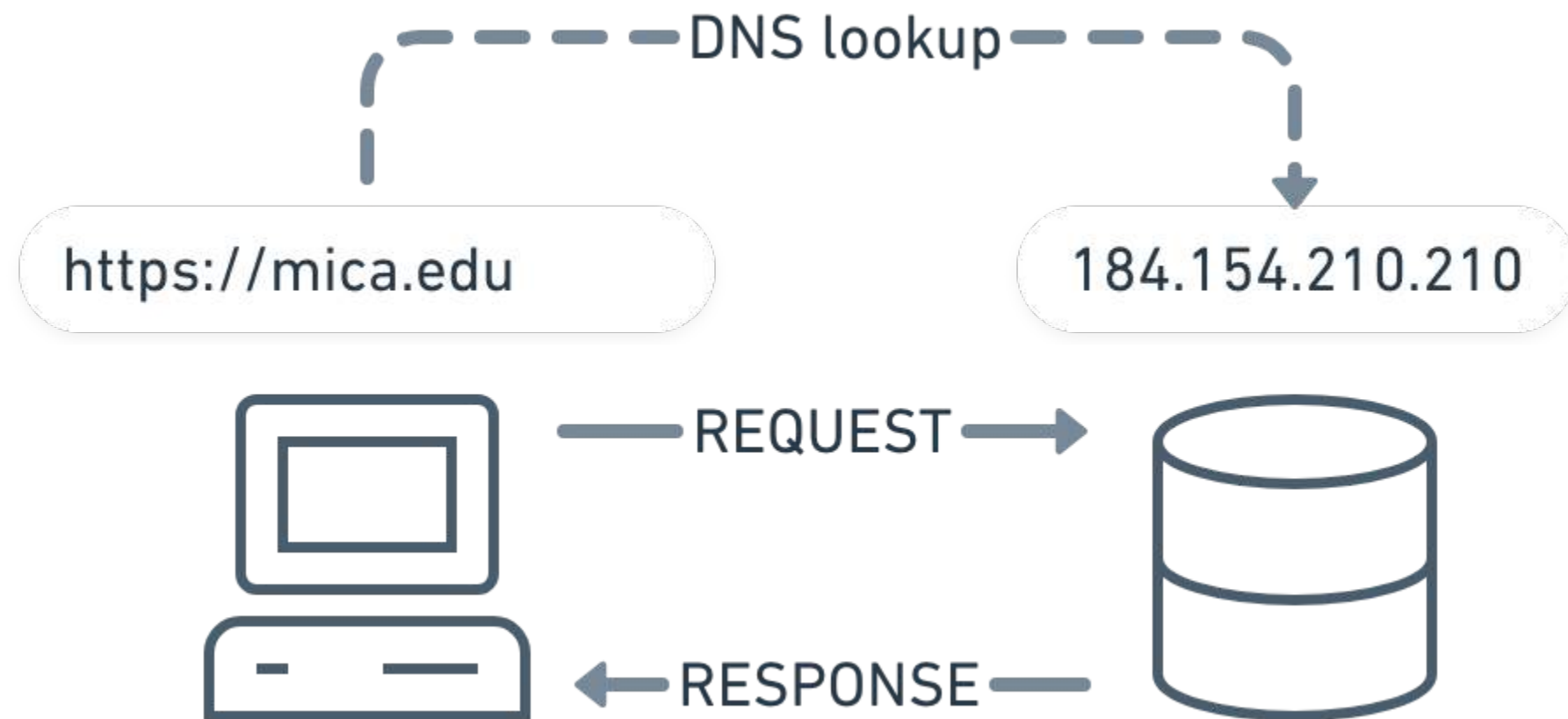
DNS lookup



DNS lookup



Getting a response

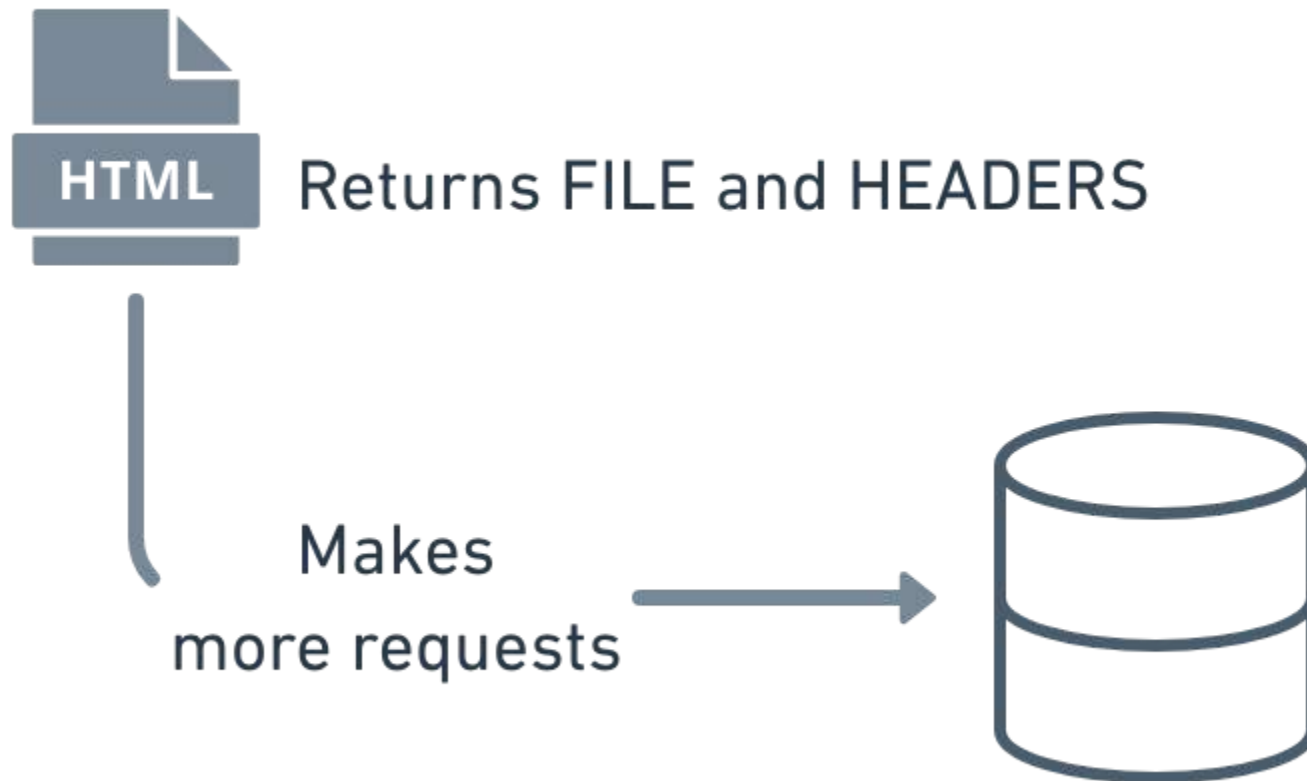


Digging into the response

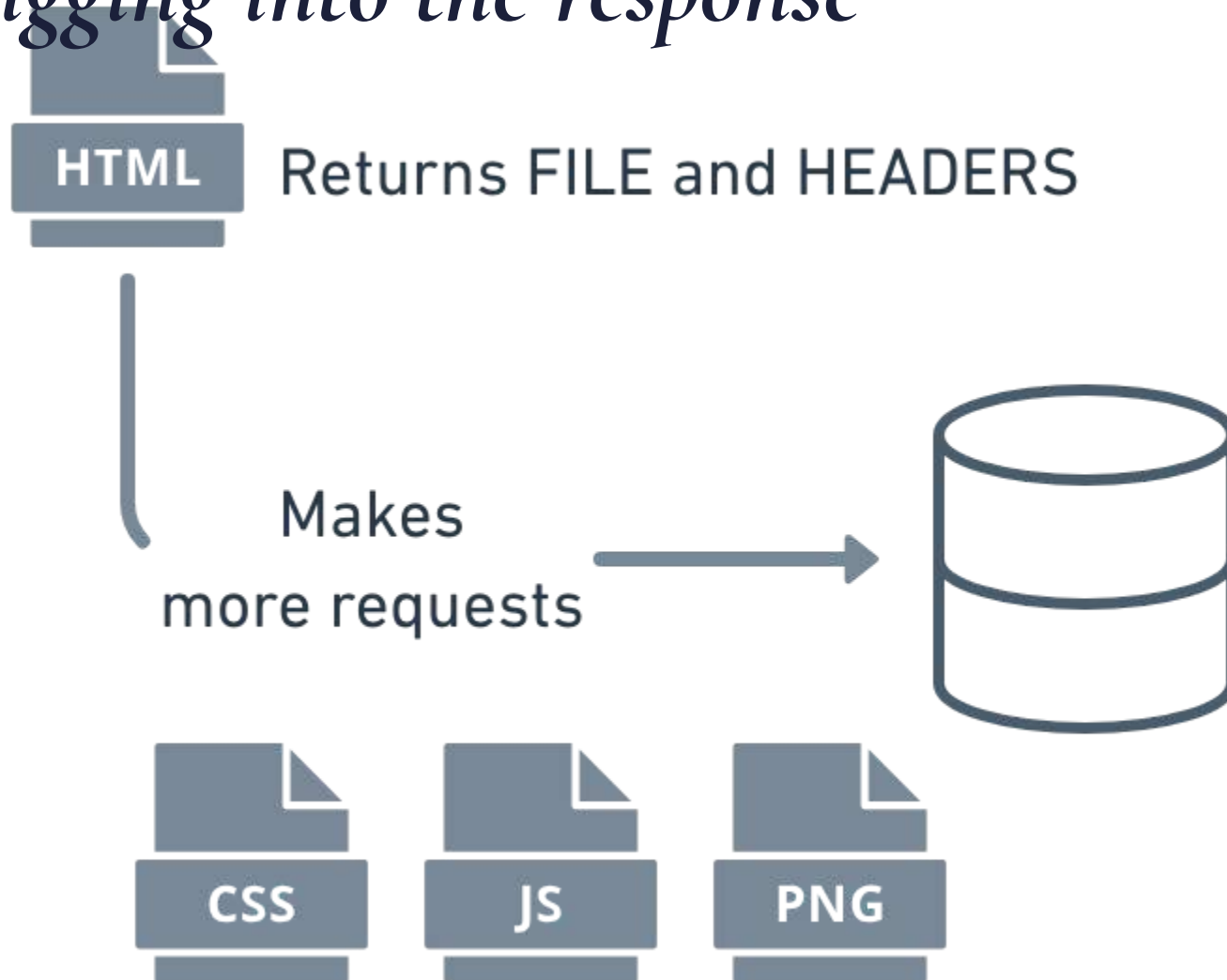


Returns FILE and HEADERS

Digging into the response



Digging into the response



Let's see this all in action

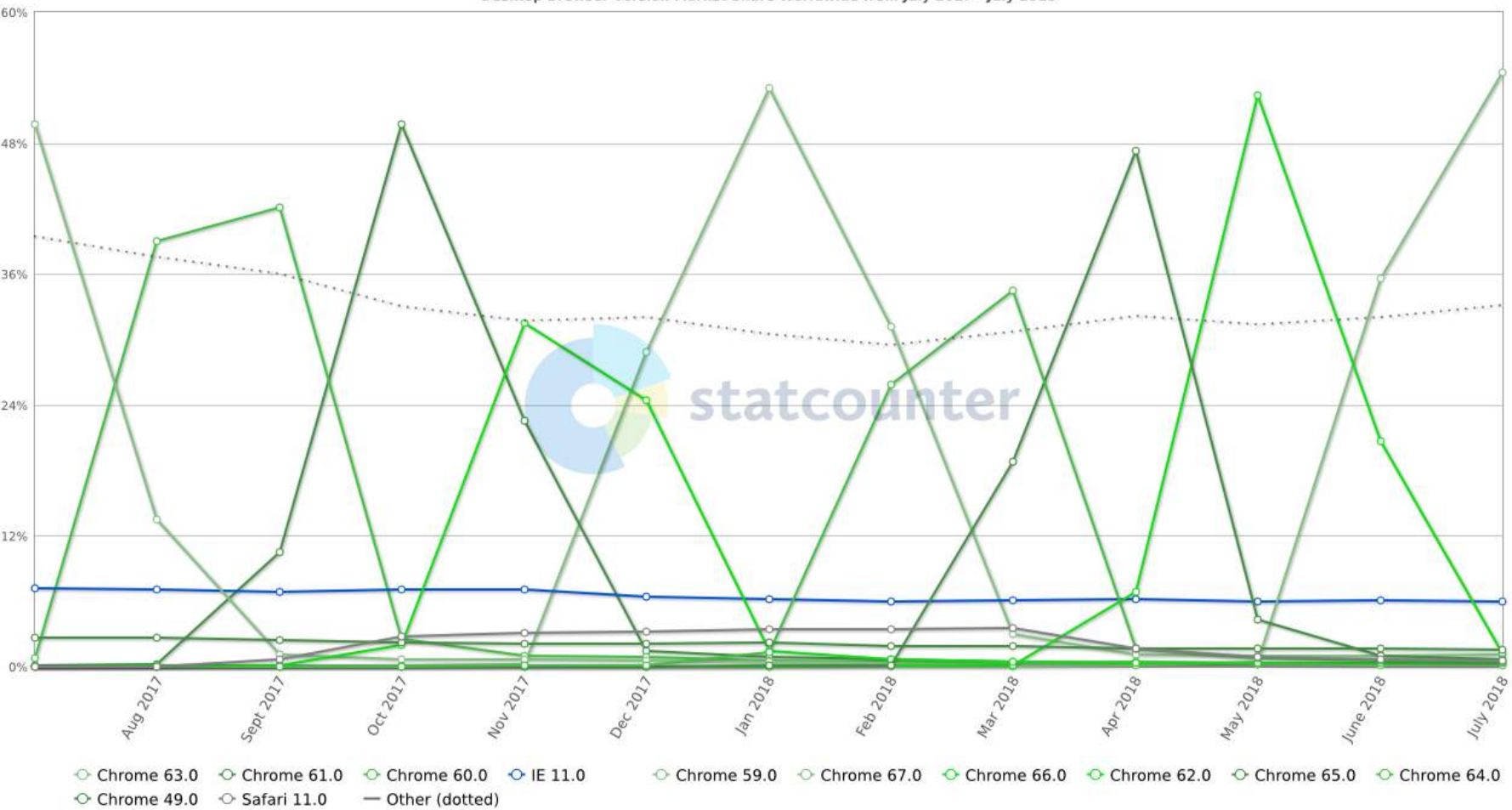


Evergreen browsers



A year in the life of Chrome

statcounter Global Stats
Desktop Browser Version Market Share Worldwide from July 2017 - July 2018



What makes up "the web"

