



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



It starts with your browser

<https://mica.edu>



It starts with your browser

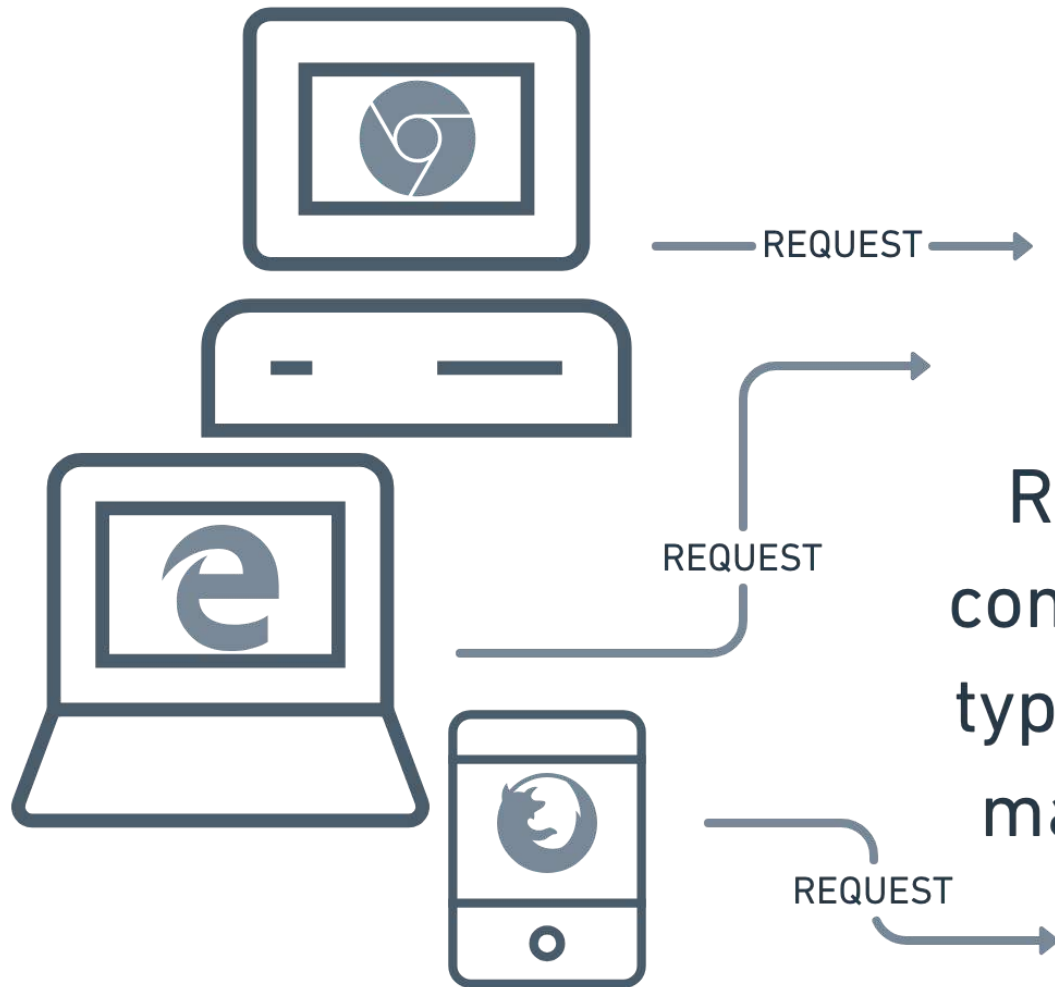
https://mica.edu



— REQUEST —→

!important





Requests can
come from many
types of devices,
many browsers

Making a request

`https://mica.edu`



Making a request

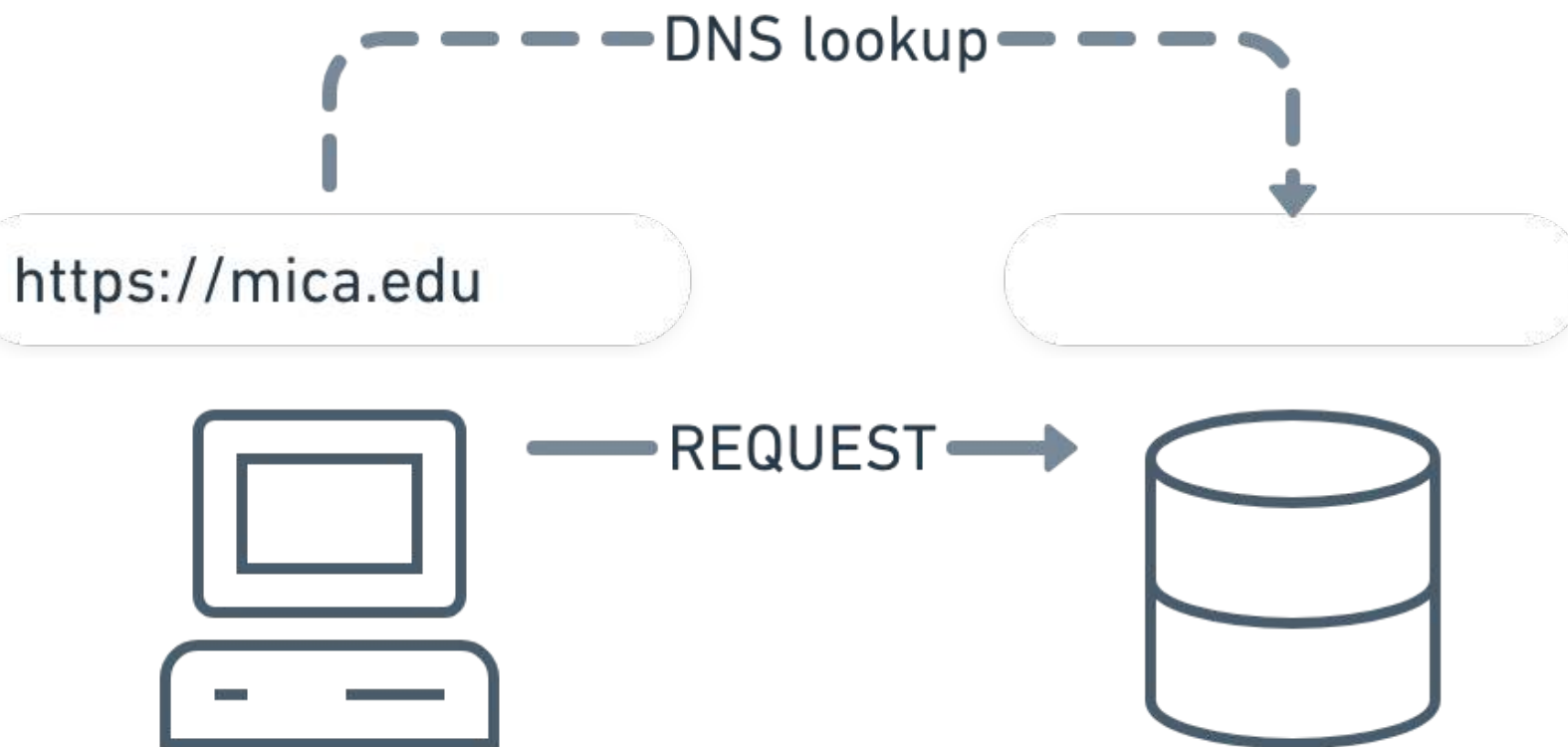
https://mica.edu



— REQUEST —→

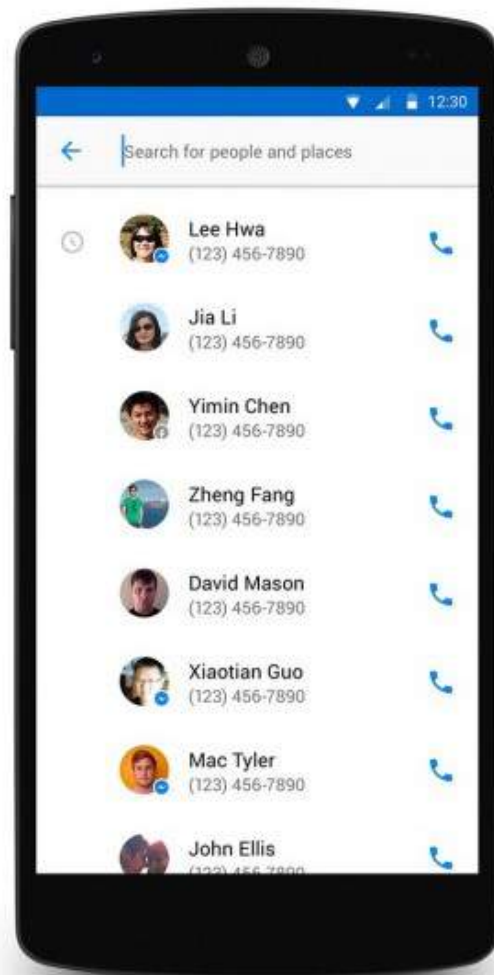


DNS lookup

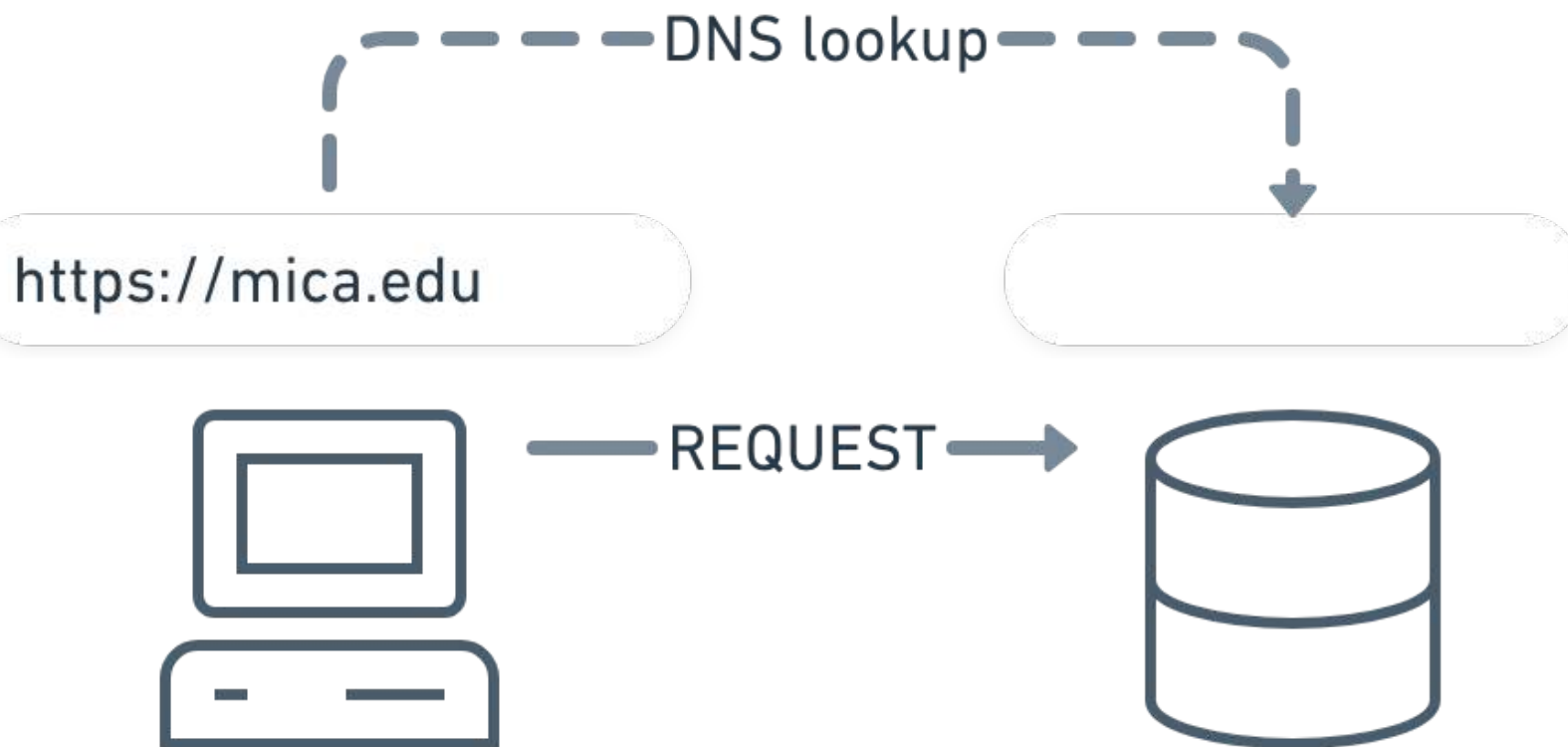


DNS whatsit?

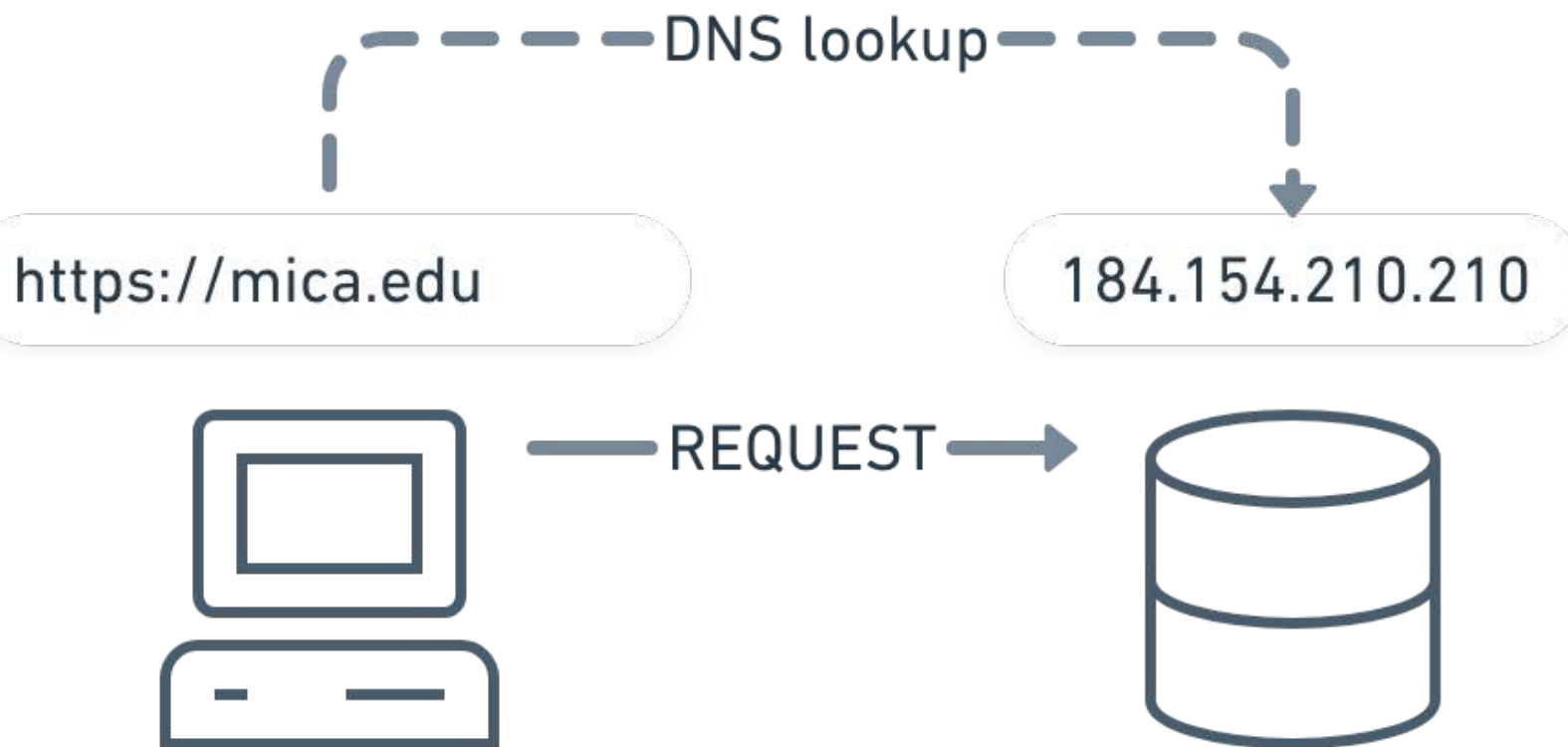




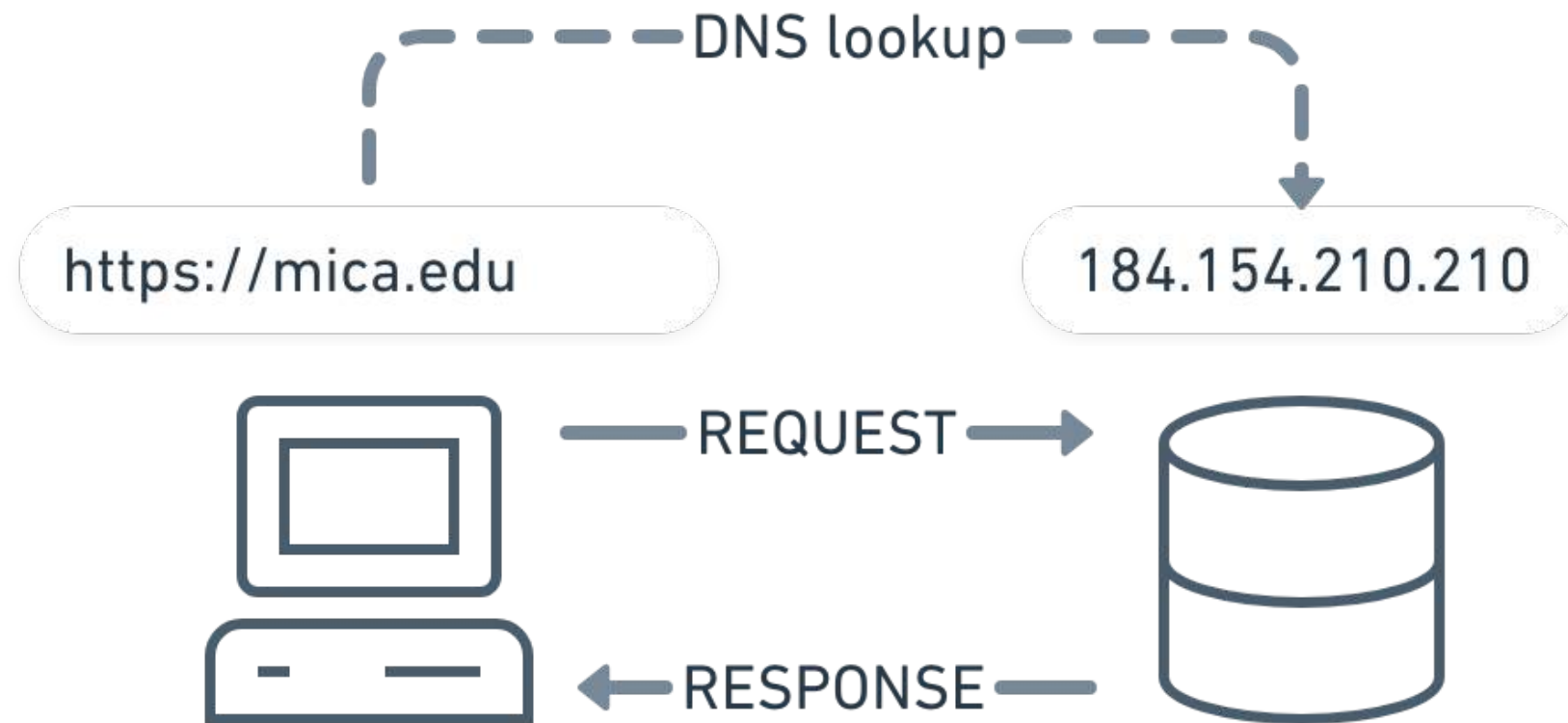
DNS lookup



DNS lookup



Getting a response



Digging into the response



Returns FILE and HEADERS

Digging into the response



Returns FILE and HEADERS



Makes
more requests



Digging into the response



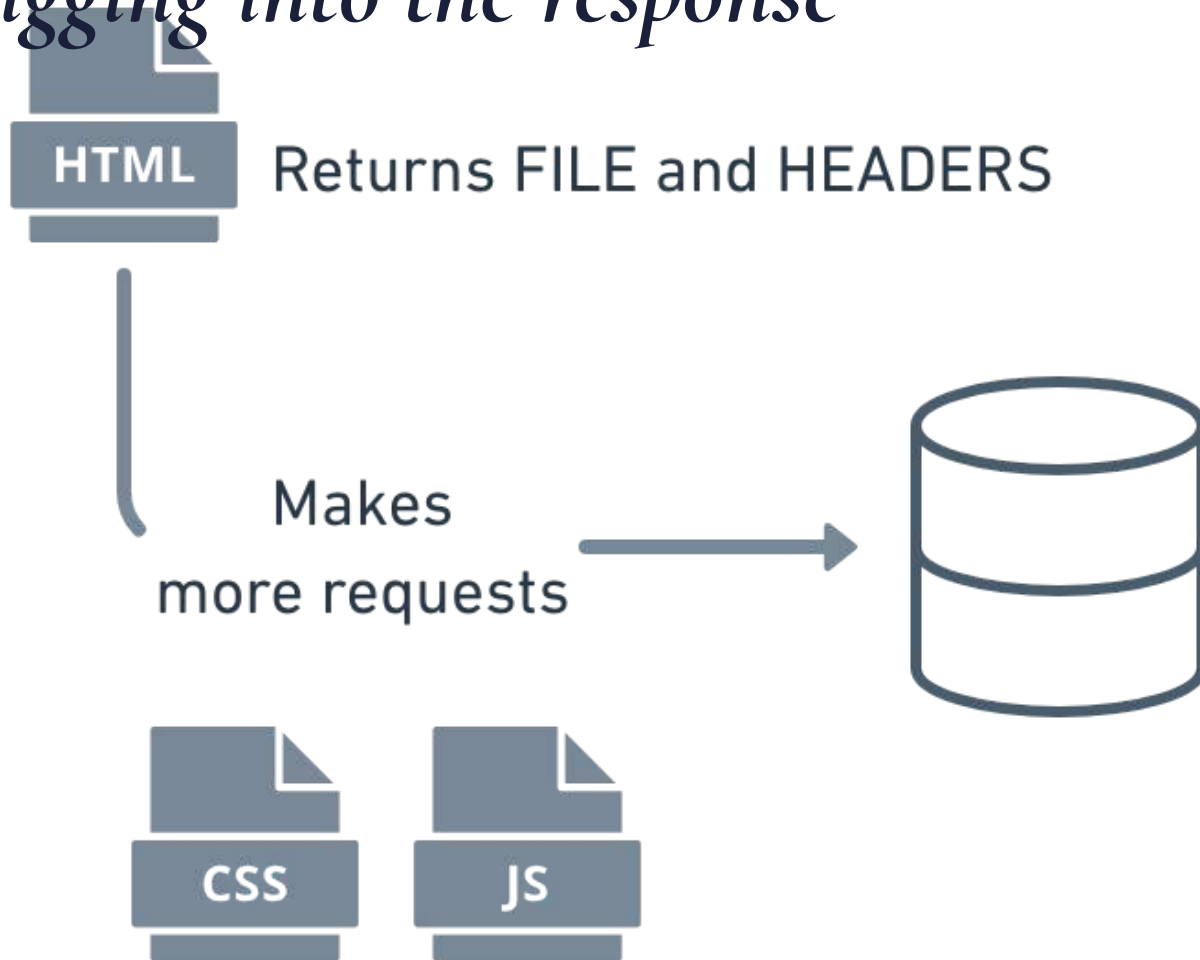
Returns FILE and HEADERS



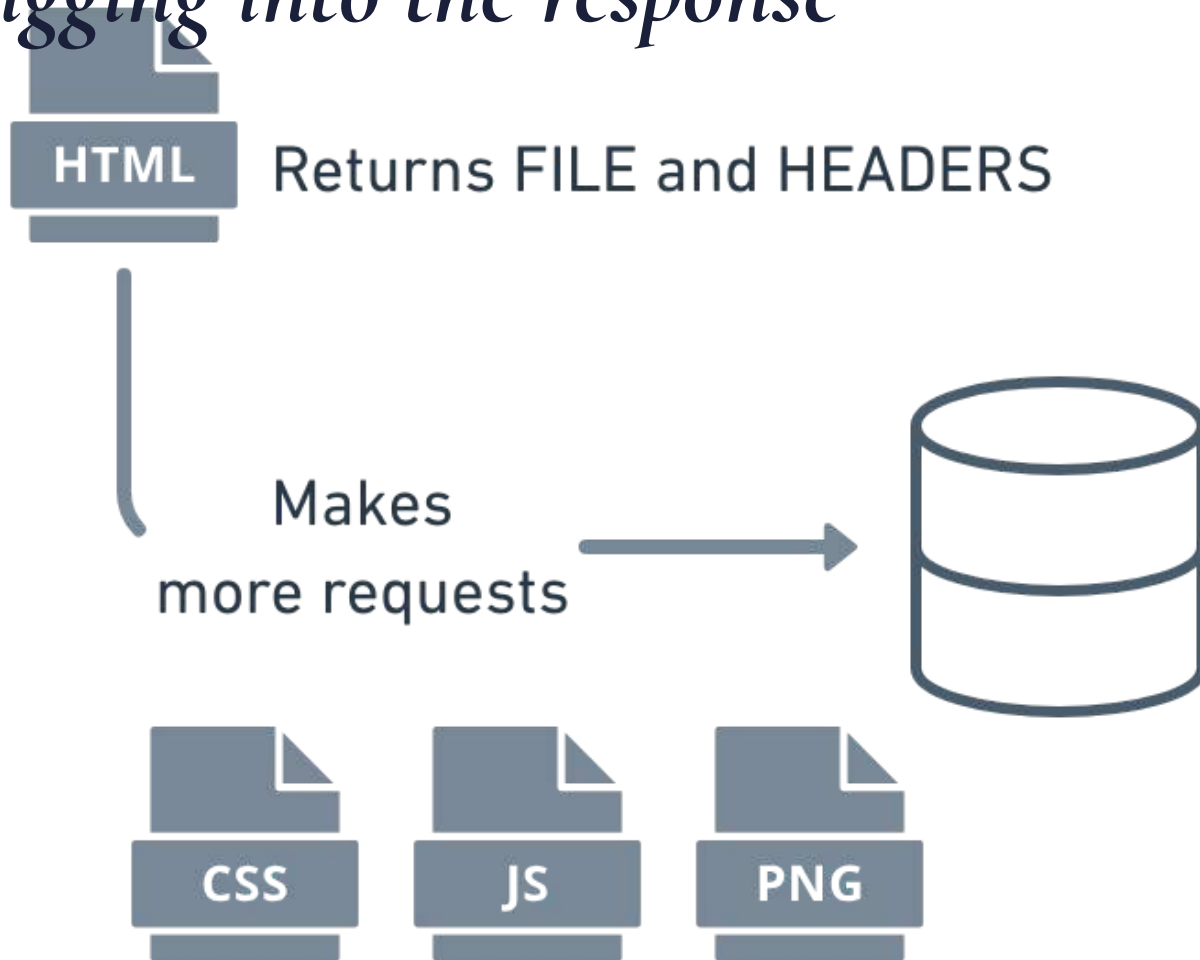
Makes
more requests



Digging into the response



Digging into the response



Let's see this all in action

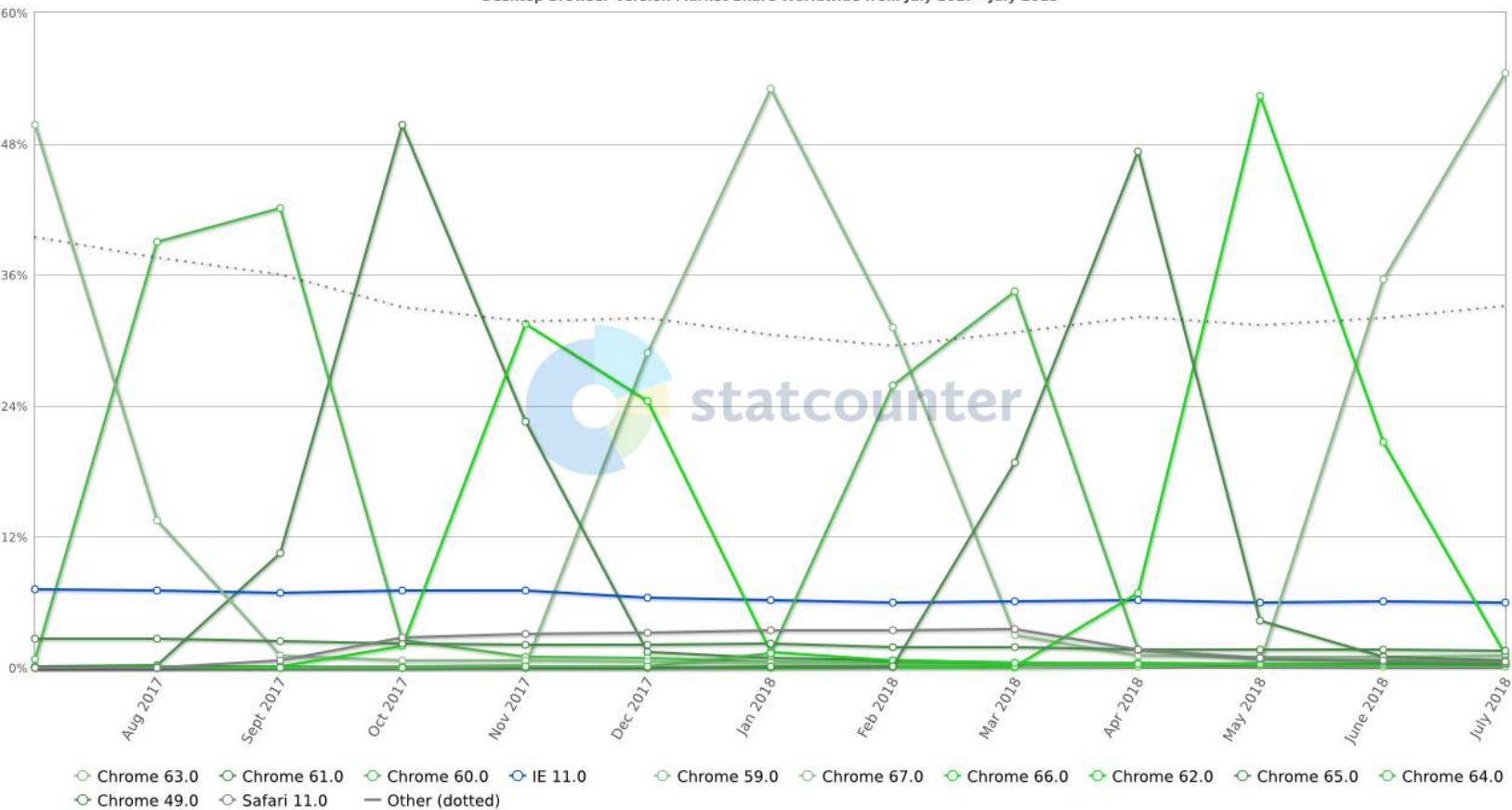


Evergreen browsers



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"

What makes up "the web"

