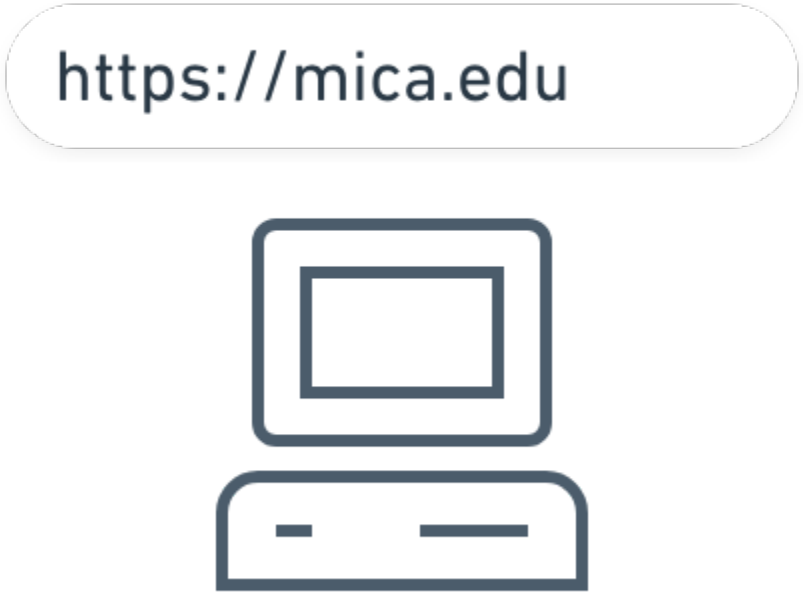
How does the Internet do its thing?

Agenda

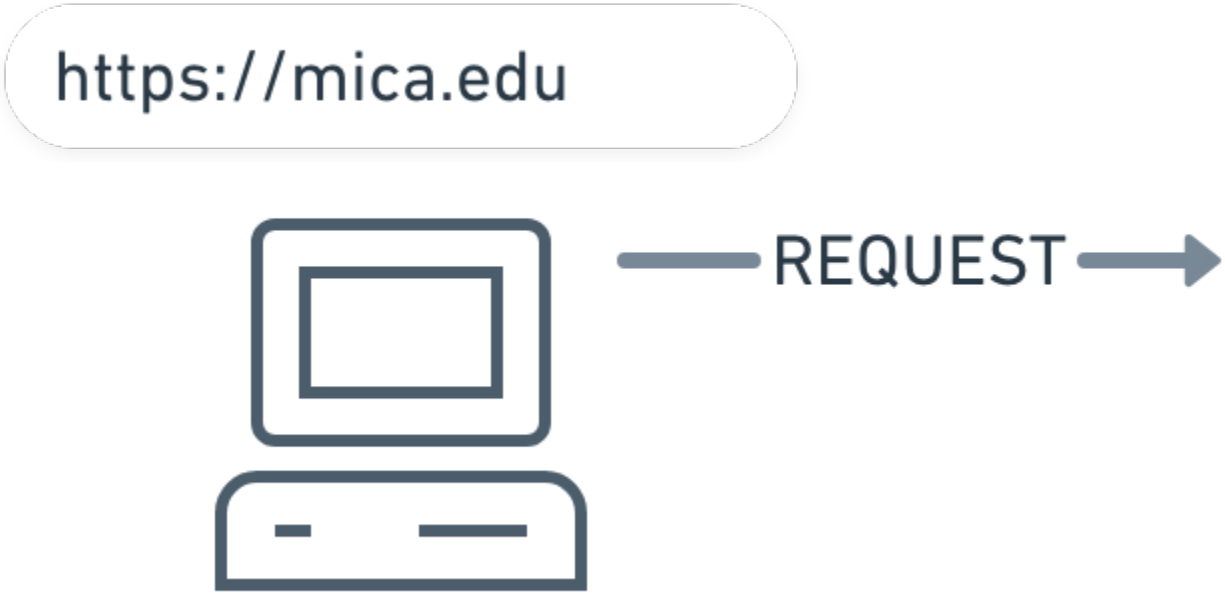
1. Making requests
2. Understanding responses
3. Live example
4. Web browsers + technologies

It starts with your browser

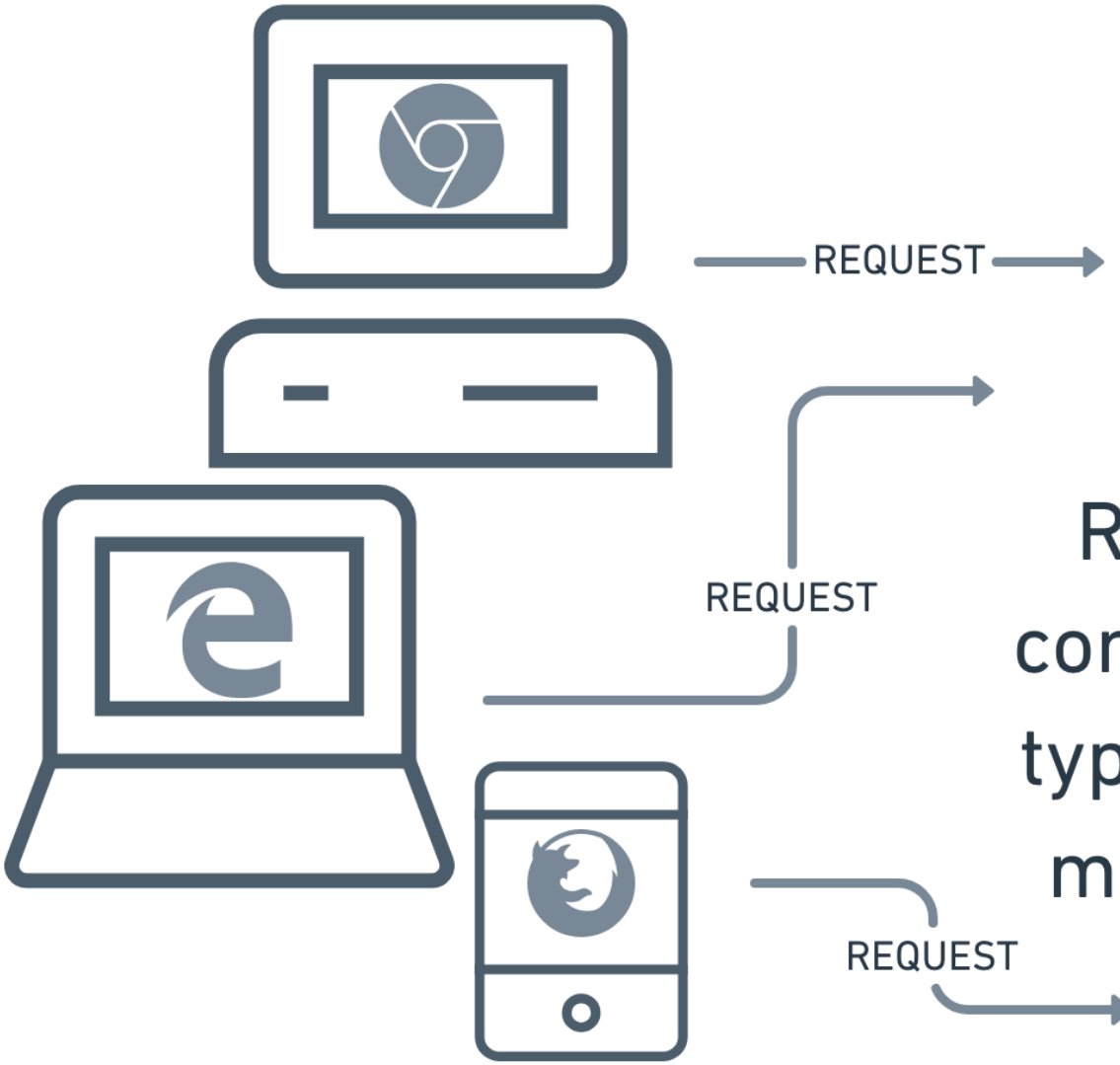
It starts with your browser



It starts with your browser

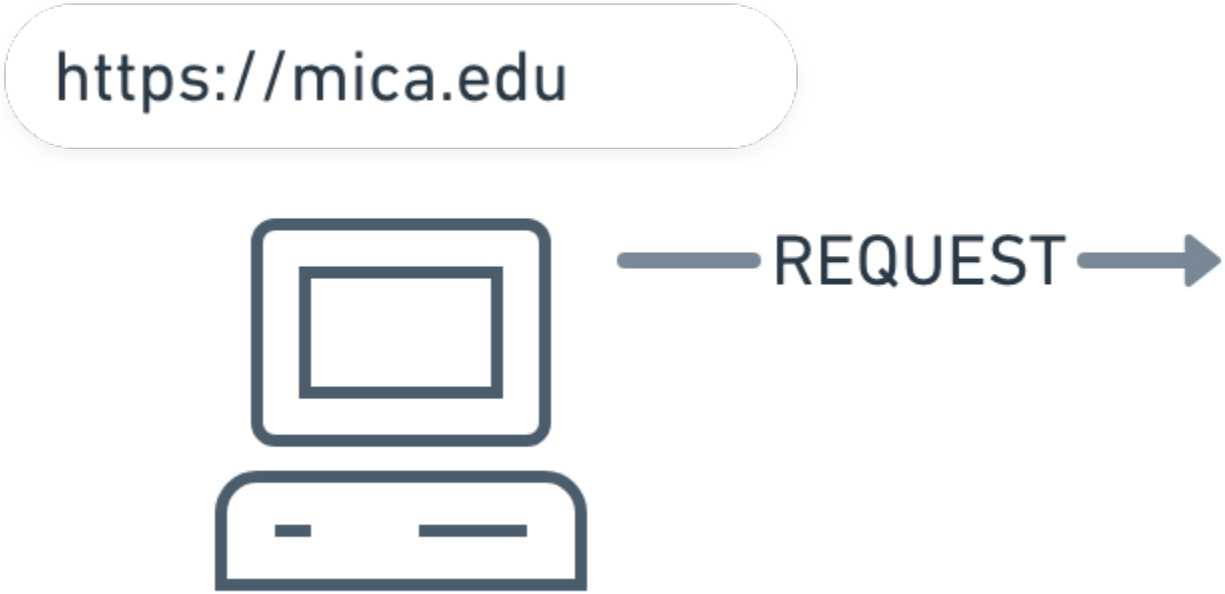


!important

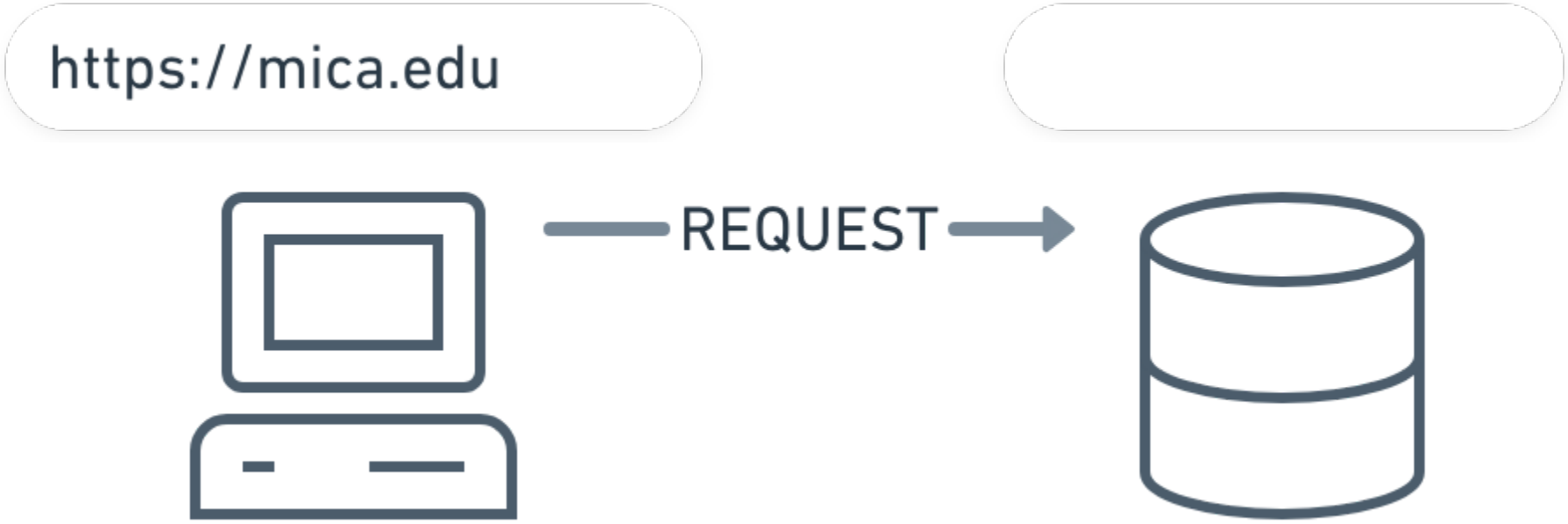


Requests can come from many types of devices, many browsers

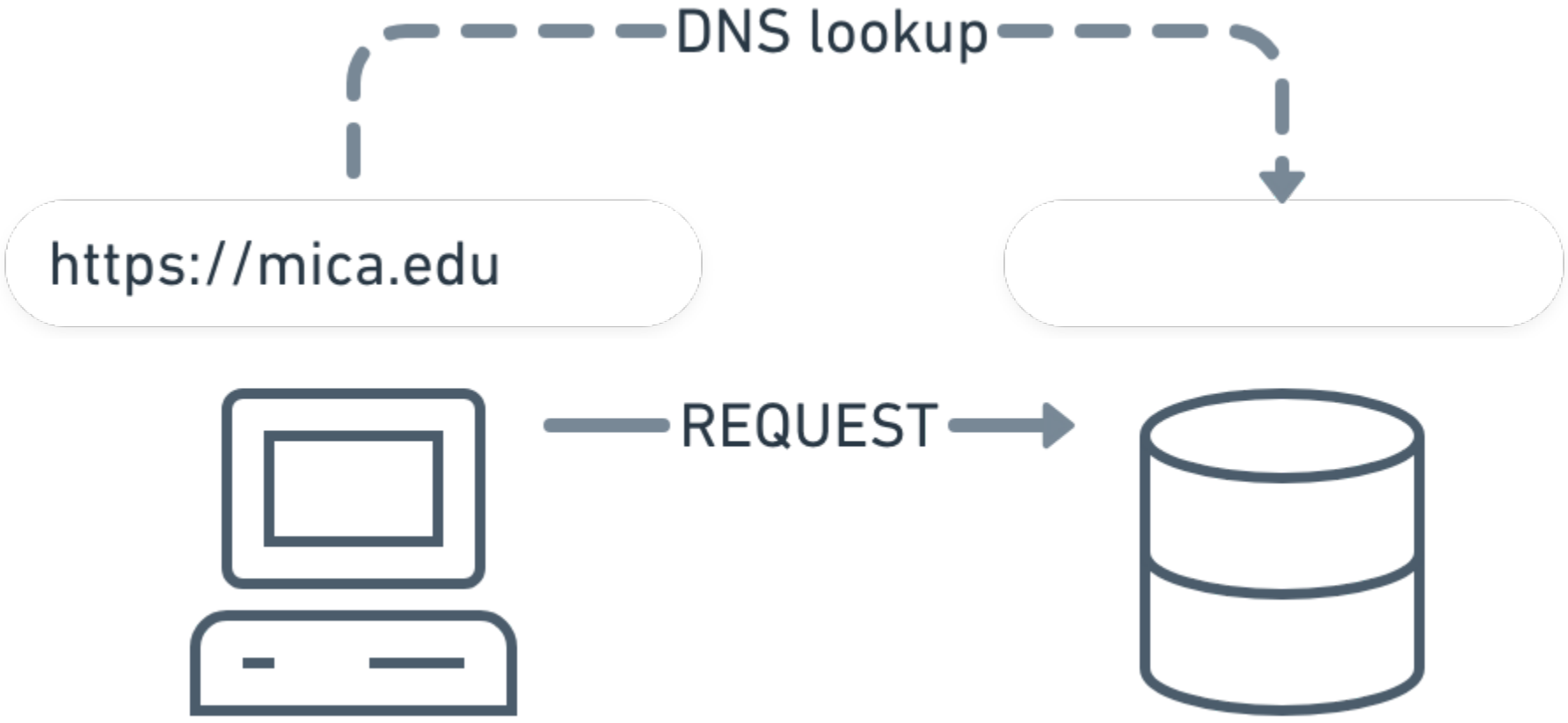
Making a request



Making a request

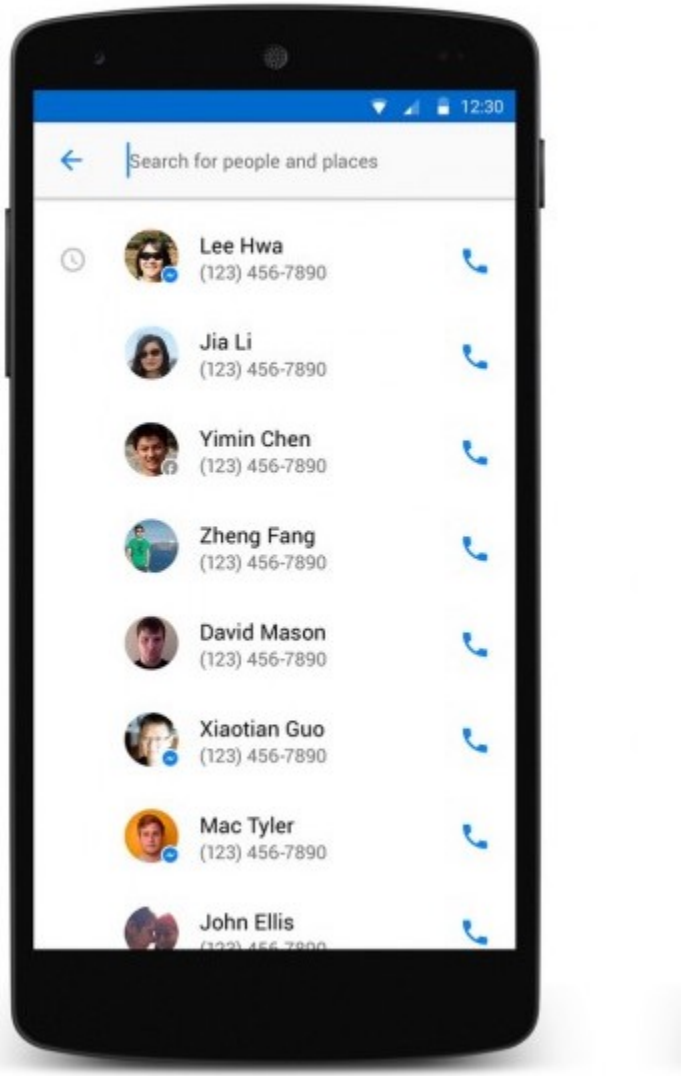


DNS lookup

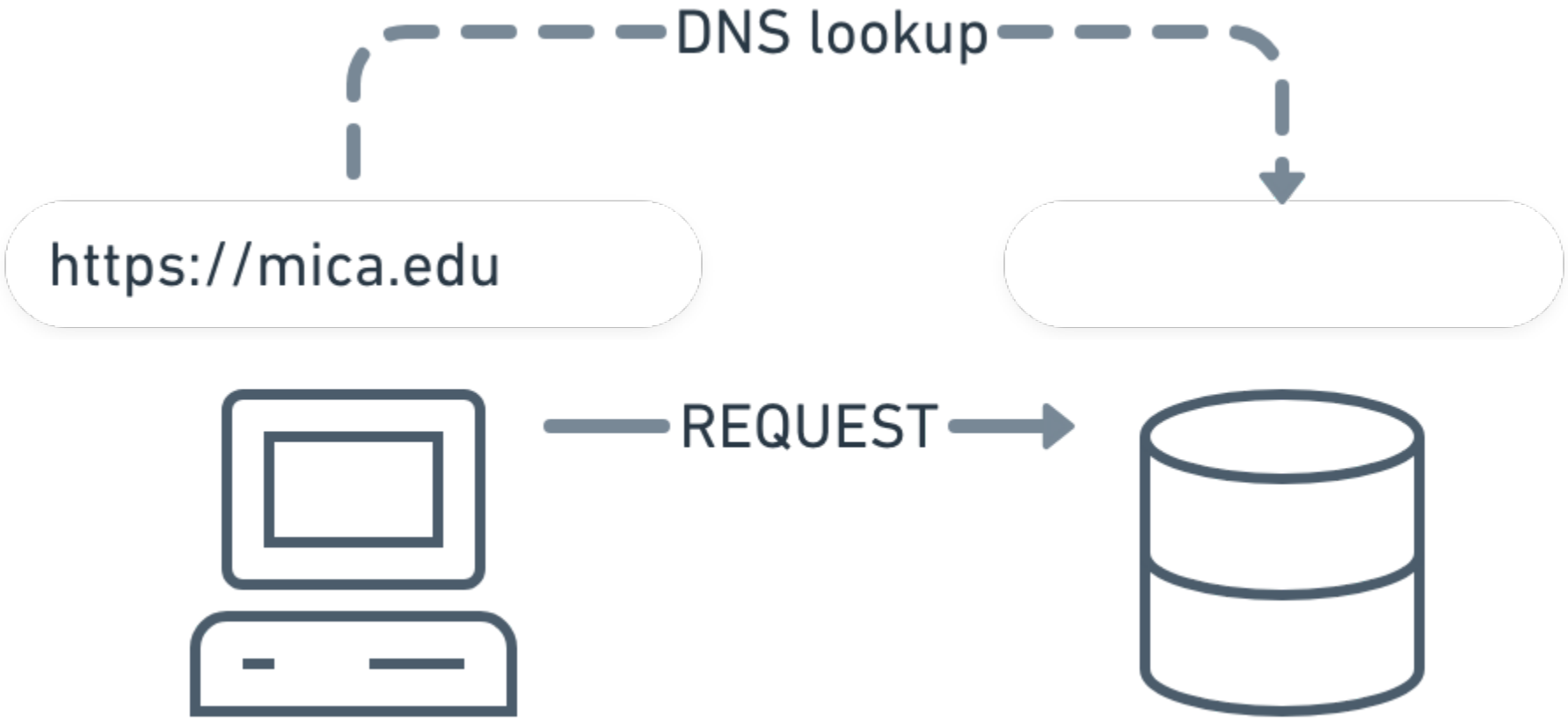


DNS whatsit?

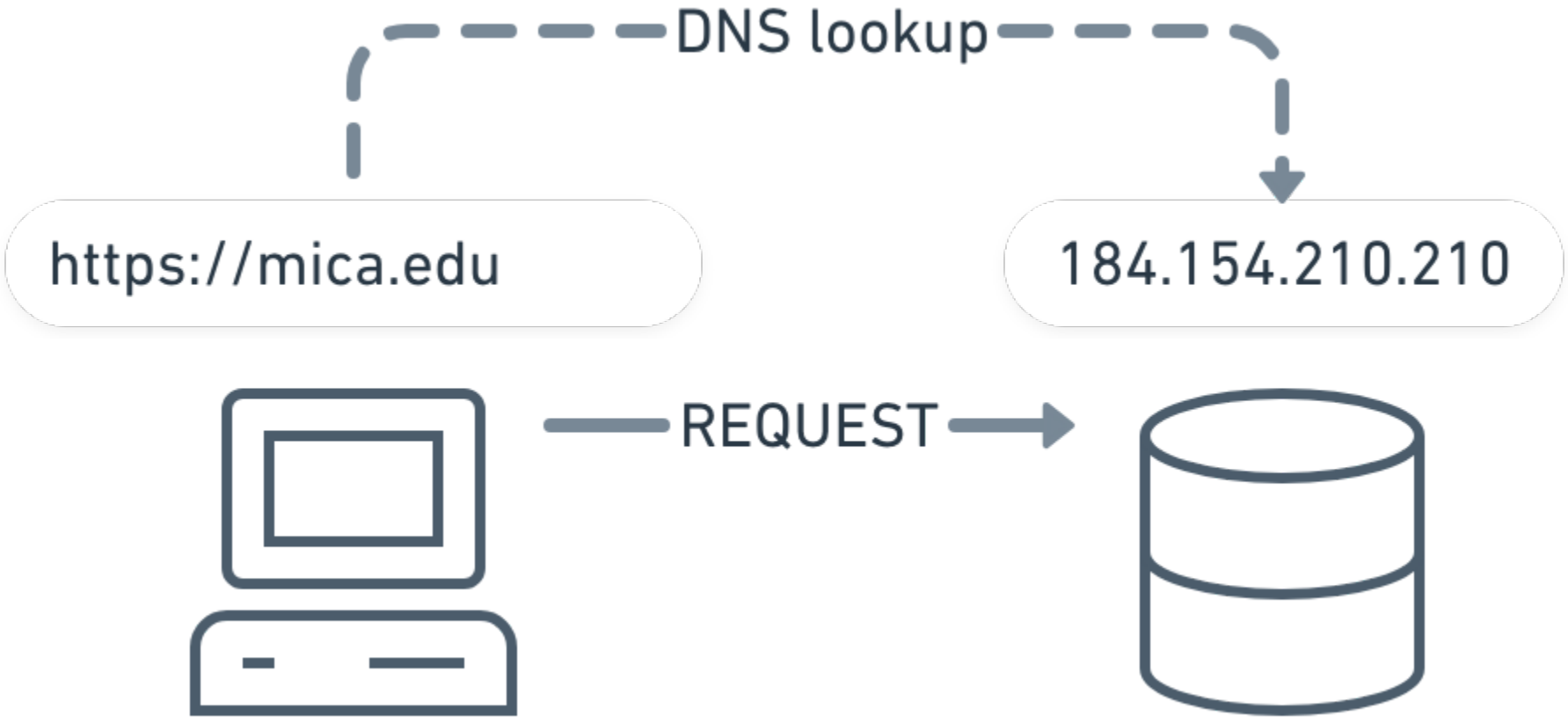
Adresser
eniro
Din vejviser på nettet - www.eniro.dk
Find it easy - www.eniro.dk
eniro
Adresser


12:30
Search for people and places
Lee Hwa
(123) 456-7890
Jia Li
(123) 456-7890
Yimin Chen
(123) 456-7890
Zheng Fang
(123) 456-7890
David Mason
(123) 456-7890
Xiaotian Guo
(123) 456-7890
Mac Tyler
(123) 456-7890
John Ellis

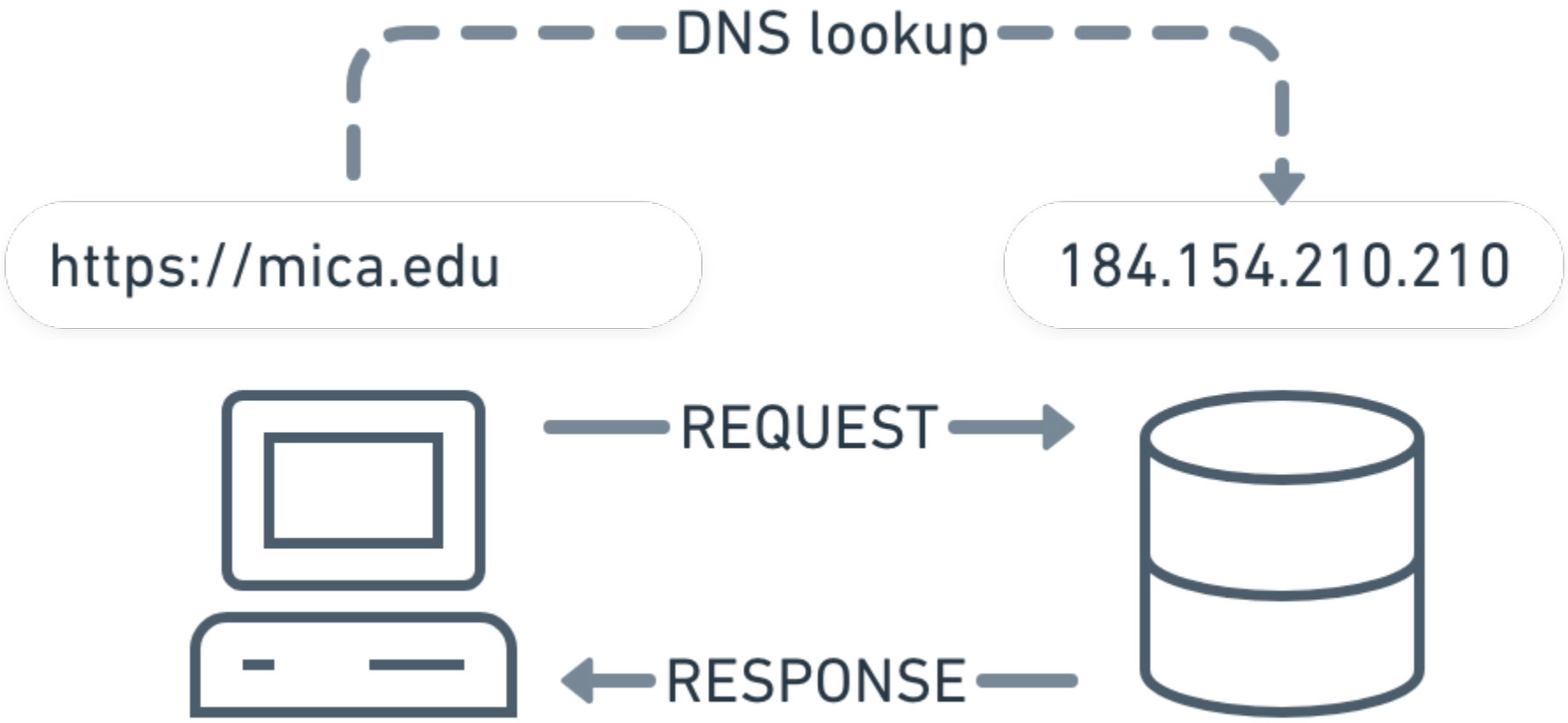
DNS lookup



DNS lookup



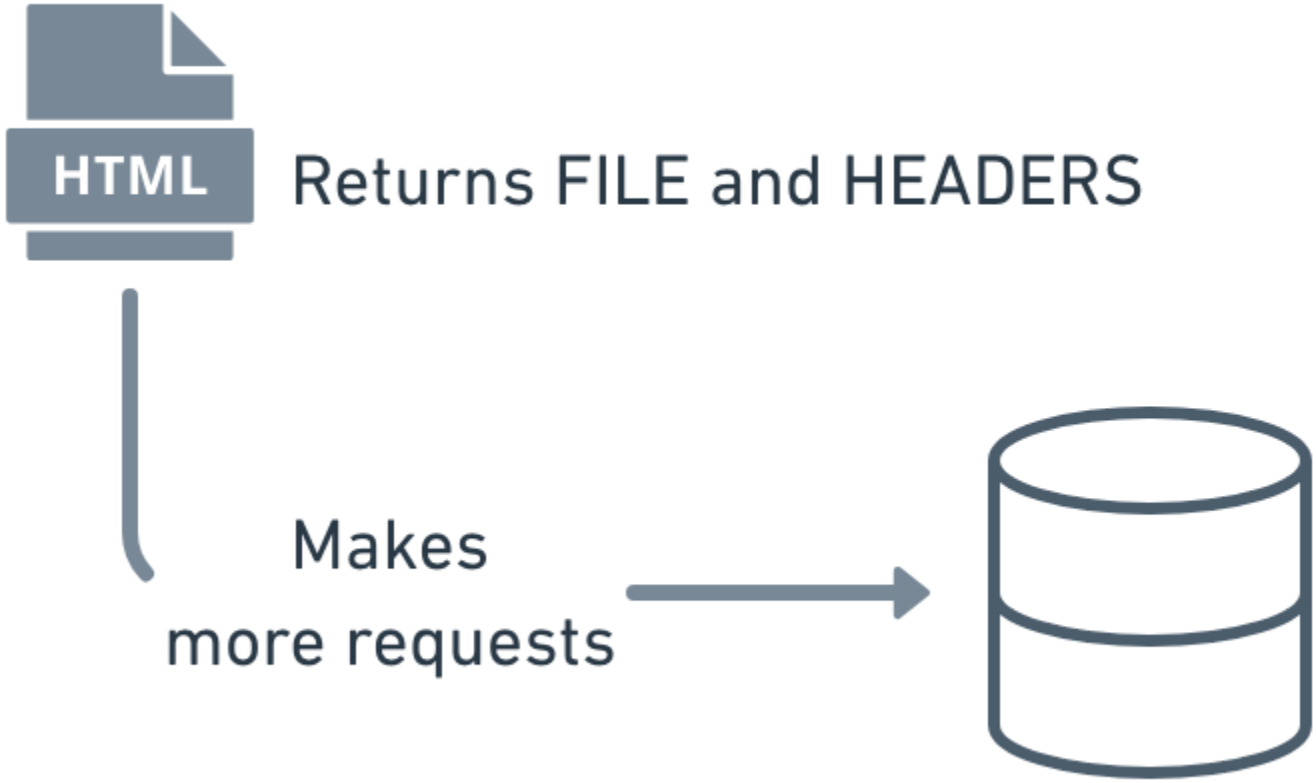
Getting a response



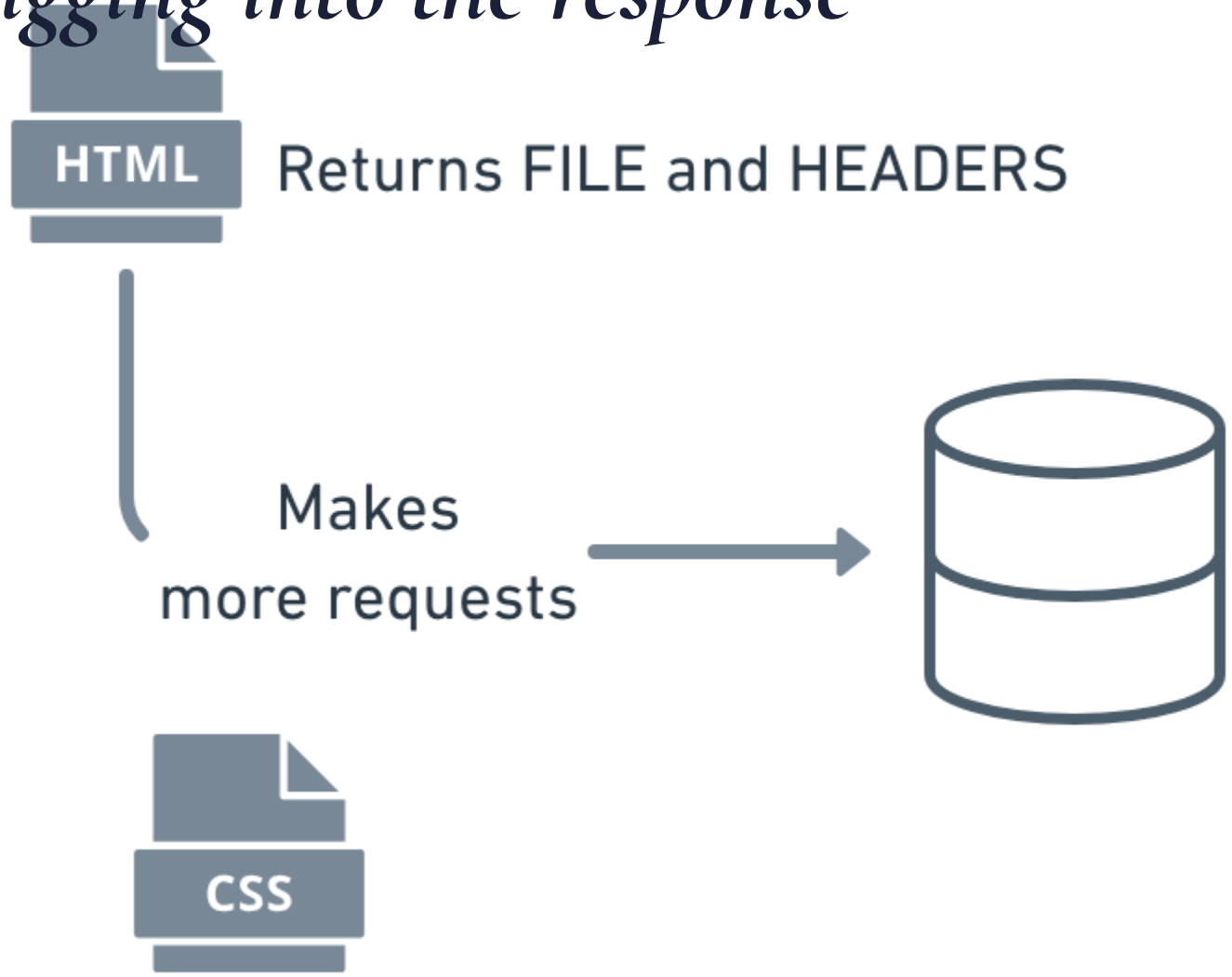
Digging into the response

Returns FILE and HEADERS

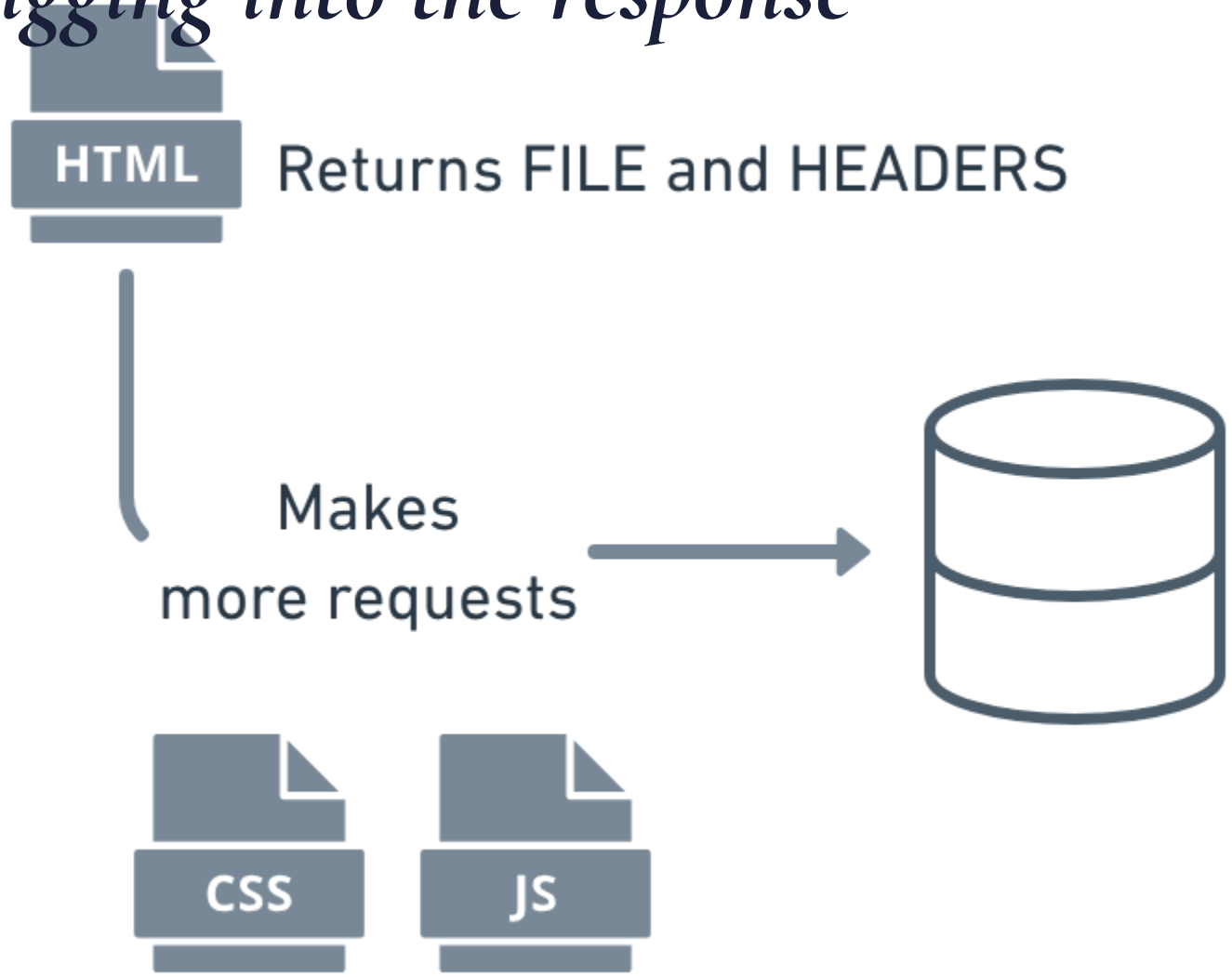
Digging into the response



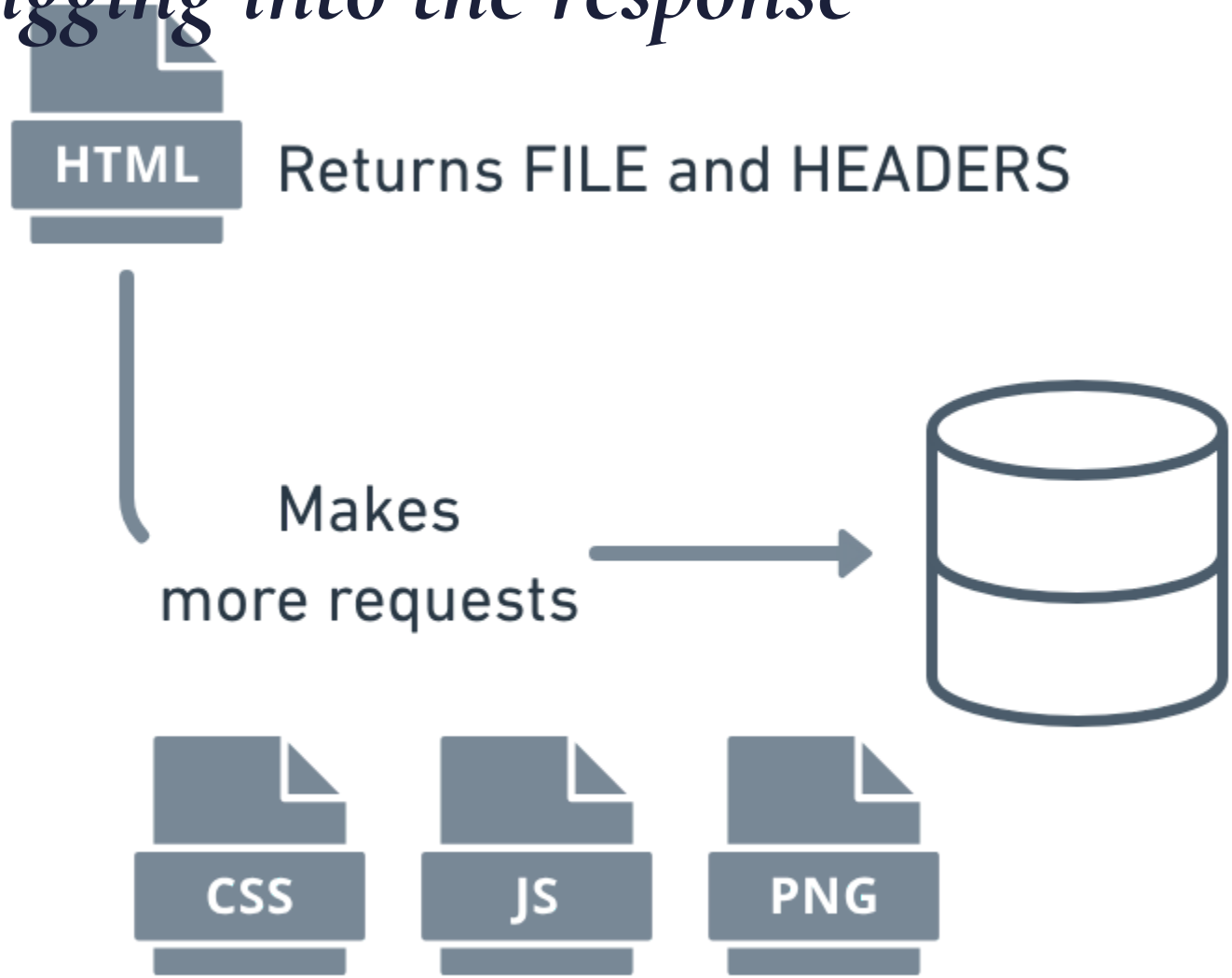
Digging into the response



Digging into the response



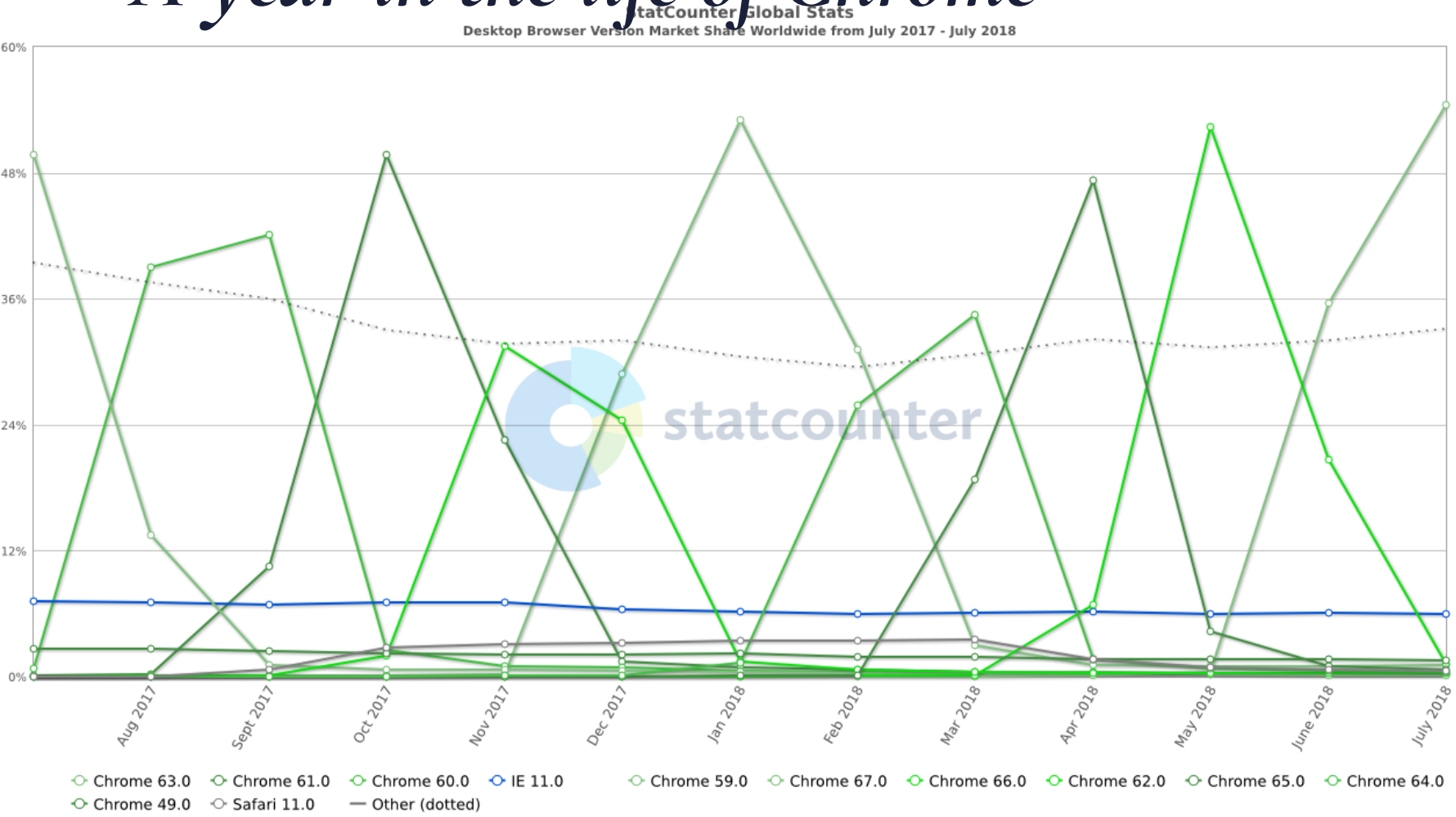
Digging into the response

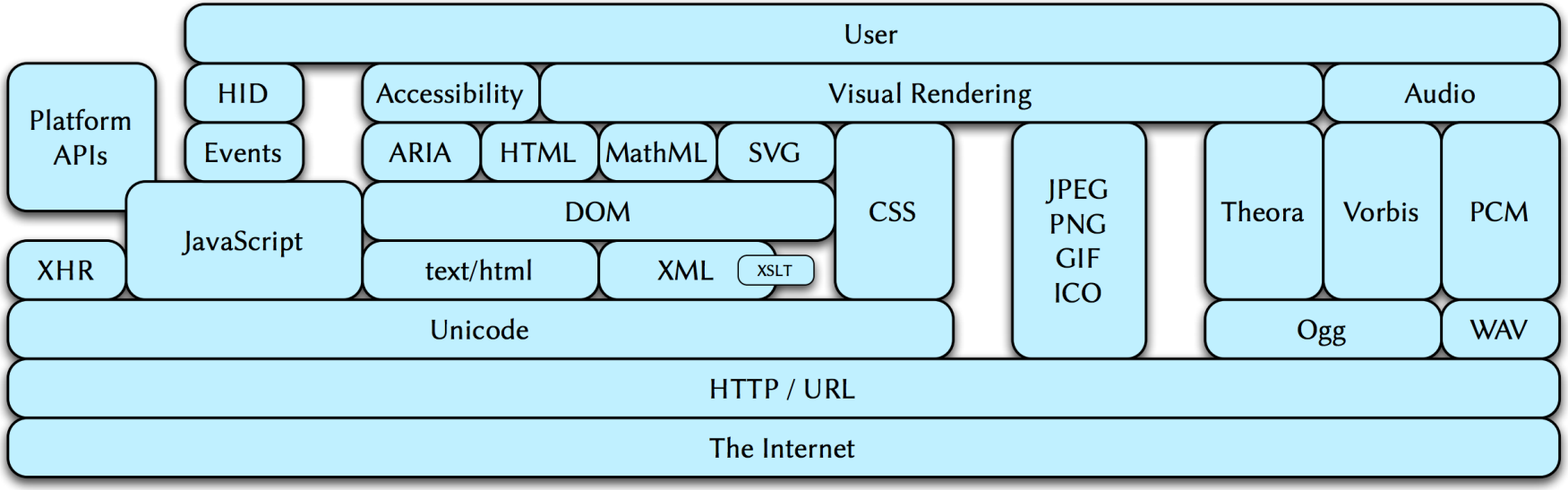


Let's see this all in action

Evergreen browsers

A year in the life of Chrome



What makes up "the web"

What makes up "the web"