

# Making asynchronous HTTP requests

## `XMLHttpRequest`

(a.k.a AJAX - Asynchronous Javascript and XML)

- Invented by *Microsoft* (2000) and adopted by all other browsers
- Asynchronism is managed with a *callback*

## `Fetch`

- Came with *Ecmascript 6* (2015)
- Asynchronism is managed with a *promise*

# Ajax has revolutionized the Web

✓ Started with Gmail and Google Maps

- Advantages
  - Low latency
  - Rich interactions
- Consequences
  - Webapp center of gravity moved to the client side
  - Javascript engine performance race