

LEARN AJAX IN 5 MINUTES

* Super Helpful..

AJAX Intro

Example

Key & Values

JSON.parse()

JSON.stringify()

JSON Values

Recap



Learn all in one place









PROGRAMMING LANGUAGE

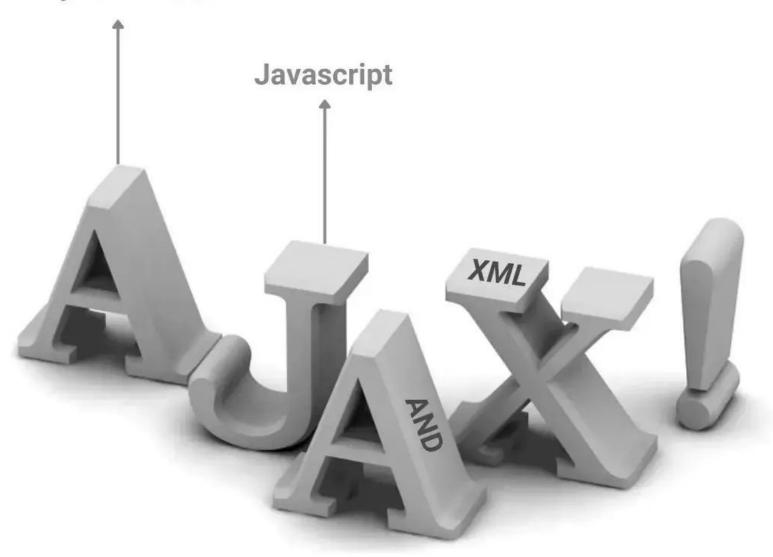
- AJAX is not a programming language or a tool,
- Instead, it is just a concept.

Then, what is it actually?





Asynchronous





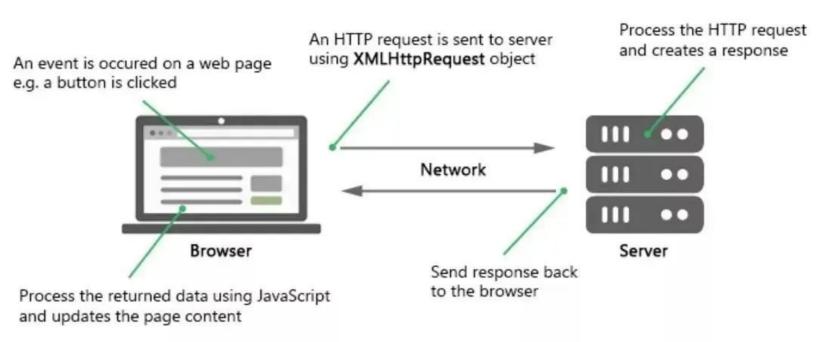
What is Ajax?





WHAT IS AJAX?

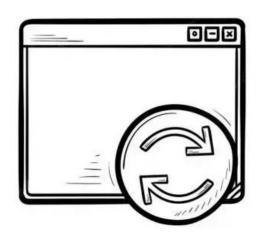
AJAX is a set of web development techniques which allow web apps to work **asynchronously** – processing any requests to the server in the background.



Let's understand in simple english







Using **AJAX** in a web app, you can send & retrieve data without reloading the page.

A Practical Example to this





USE CASE OF AJAX



The Google Autocomplete feature. It helps you complete your keywords while you are typing them. The *keywords change in real time* yet the page remains the same.

Other examples on using Ajax -





OTHER EXAMPLES

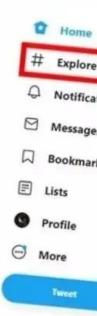
where AJAX can be used :)



- Voting and rating system
- Chat rooms



Twitter's trending notification



Conventional Model vs Ajax Model for a web Application



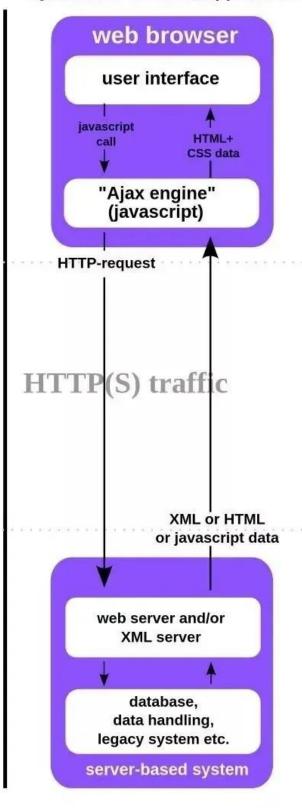


Conventional model of a web application

web browser user interface HTTP-request - traffic HTTP(S) HTML+ CSS data web server database, data handling, legacy system etc.

server-based system

Ajax model of a web application







LET'S WRAP IT UP!

AJAX is a technique for creating *fast and dynamic web pages*.

AJAX allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes.

This means that it is possible to update parts of a web page, without reloading the whole page.

The best perk of using **AJAX** is that it streamlines the **user experience**. Your **visitors** do not have to wait long to access your content.





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