

# WHAT IS AJAX?

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*Is AJAX ...*

a programming language?

a software platform?

a web application?

a third party library?

a technology?

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# WHAT IS AJAX?

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AJAX is a **term** or **description**

AJAX describes the process of how a browser and server exchanging data asynchronously, by using JavaScript



This is **AJAX**

# WHAT IS AJAX?

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AJAX's main goal is to update data asynchronously (the "A" of AJAX)

AJAX is used to update things like lists, status and notification bars, online forms, comments, surveys and polls and a bunch more

But what exactly does the J and X mean in AJAX?

# WHAT IS AJAX?

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## AJAX - JavaScript

JavaScript is a programming language, built and installed automatically on your browser

*Bottom line:* You have to write JavaScript to create an AJAX request

# WHAT IS AJAX?

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AJAX - XML

*XML is a data format, used to transfer data*

*Different computer systems are often incompatible with one another and can't understand or interact with data formatted by different computer systems*

*XML solves this problem – it allows developers to store and send data in common text format*

# WHAT IS AJAX?

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AJAX - XML

*Bottom line:* XML is a traditional way of storing and sharing data that isn't dependent on a particular software or hardware system

# SUMMARY

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AJAX is nothing scary

AJAX is just a **term** to describe how the browser and server exchange data between each other

JavaScript and XML are used together to create an AJAX request



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more common today to use JSON

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JavaScript traditionally did this by using an object called **XMLHttpRequest**

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Today, we use `fetch()`