AJAX Interview Questions and Answers : 15 Commonly asked interview questions

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Welcome to another set of interview questions and answers. In this article we have provided most commonly asked **AJAX interview questions and answers**.

AJAX is the most demanding programming technology today. Hope you find 15 AJAX interview questions and answers helpful. Wish you the best luck for your upcoming interview.

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(1) Explain in details. What is AJAX?

AJAX stands for Asynchronous Javascript And XML. AJAX allows asynchronous data transfer between the Browser and the web server. Remember, AJAX is not a new programming language like jQuery or HTML5. It's based upon existing technologies such as Javascript and XML which allows faster communication between client browser and the web server in asynchronous way.

In other words, using AJAX without refreshing the entire web page you can just refresh a particular div with new content or data information.

(2) What are some advantages of AJAX?

There are major advantages of using AJAX.
AJAX can be used on the front end and you can still connect to web servers to retrieve data
AJAX enables allows to be more interactive when it comes to user friendliness
Faster retrieval of data – results for request response is one of the biggest advantage

(3) What technologies are used as a part of AJAX approach?

The following technologies are used by AJAX :

JavaScript
XMLHttpRequest
CSS – Cascading Style Sheet
XHTML – HTML 4.01
DOM – Document Object Model

(4) What is the distinction / difference between AJAX and JavaScript?

(a) AJAX does not require to reload and download the entire webpage in order to update and refresh the content or partial elements on the page.
whereas : JavaScript requires the whole page to download in order to perform operations and control elements on the page.
However, one alternative could be to use "iframe" HTML tag on the page which enables developer to load content asynchronously.

(b) AJAX sends requests to the web servers and doesn't wait for response back. It performs other multiple operations in the meantime. Whereas JavaScript does wait for the response first once the request is made; which makes JavaScript a lot slower than AJAX. If you want to keep performing other operations there is a way in JavaScript though but it's not a common practise.

(5) What are common AJAX frameworks that are widely used by developers?

Framework is a set of libraries and technologies that makes technology more programmer-friendly. AJAX uses JavaScript libraries and common frameworks that are very popular are listed below

Dojo Toolkit : A modular JavaScript toolkit – Dojo Toolkit– which is an open source AJAX supported toolkit.

Prototype : It is really great way for developing visual effects, animations and user interactions in real time. It's a light-weight toolkit with faster iterations.

Mootools : Mostly used for creating visual effects – such as sliders for financial websites with stock tickers as an example, slideshows and so on.

YUI : YUI is Yahoo User Interface library. It is an open source JavaScript framework.

Spry : It's developed by Adobe and used by large corporations rather than smaller in-house companies.

Google Web Toolkit : It's knows as GWT which talks to Java and used to create Rich AJAX applications. It is an open source framework.

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- AJAX Interview Questions and Answers – Page 2