
What is AJAX

What is Ajax?

✿ Ajax: Asynchronous JavaScript and XML, Ajax Benefits:

- ✎ Client-side java script to promote quick page refresh.
- ✎ Aids in dynamic page updates.
- ✎ Enables background data downloads.
- ✎ Provides rich and user-friendly display of sites.

AJAX is based on internet standards, and uses a combination of:

- ✎ XMLHttpRequest object (to access data from a web server)
- ✎ JavaScript/DOM (to display the accessed data in a structured manner)

1. XMLHttpRequest object in Ajax

✿ Below listed are few methods and properties of XMLHttpRequest object that's helps in web page partial updates.

Methods in Ajax:

- ✎ abort,
- ✎ getAllResponseHeaders,
- ✎ getResponseHeader,
- ✎ open,
- ✎ send,
- ✎ setRequestHeader



Properties:

- ⌘ onreadystatechange,
- ⌘ readyState,
- ⌘ responseText,
- ⌘ responseXML,
- ⌘ status,
- ⌘ statusText

- ✱ [IE5](#) and [IE6](#) do not follow the latest ajax standards but, has its own [ActiveXObject](#). They are

1. synchronous - text
2. asynchronous - text
3. asynchronous - with Prototype
4. asynchronous - with XML

2. DOM (to display/use the data)

- ✱ [Document Object Model](#) ([DOM](#)), the programming interface for [HTML](#) and [XML files](#) that offers a structured notation of the data and the methodology to access those data. It delivers a depiction of the data as a structured collection of nodes and objects that have properties and methods. It also [joins web pages to scripts and required programming languages](#).