XML HTTP request

Extensible Markup Language (XML) is a markup language that is comparable to HTML but does not have built-in tags. Instead, you create your own tags that are tailored to your requirements. In a format that can be kept, searched, and shared, this is a potent way to store data.

Data descriptions are made using the XML (Extensible Markup Language). The XML standard is a versatile technique to develop information formats and electronically share structured data through both private and public networks in businesses.

The main distinction between HTML and XML is that although XML stores and transmits data, HTML displays data and describes the structure of a webpage. While HTML is a predefined language with its own set of rules, XML is a standard language that can define additional computer languages.

XMLHttpRequest

An object-based API called XMLHttpRequest's methods transport data between a web browser and a web server. The JavaScript environment of the browser provides the object.

Interacting with servers requires the usage of XMLHttpRequest (XHR) objects. Without requiring a complete page refresh, you can get data from a URL. This makes it possible for a Web page to update a specific section without interfering with the user's activities. In AJAX development, XMLHttpRequest is frequently utilised.

XMLHttpRequest use https

Using XMLHttpRequest to open HTTPS URLs requires no extra configuration. It will function as long as the certificate and request are both valid.

XMLHttpRequest originally used to fetch XML data via HTTP, hence the name. However, it may now be used with other protocols besides HTTP and retrieve data not only in XML but also in JSON, HTML, or plain text.

XMLHttpRequest object

AJAX's XMLHttpRequest object is finished.

Invisibly exchange data with a server by using the XMLHttpRequest object. This means that portions of a web page can be updated without reloading the entire page.

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XMLHttpRequest Object Properties

Connection to the server established.

got a request.

processing an inquiry.

Request complete; prepared response.