

# AJAX - The XMLHttpRequest Object

- description : AJAX - The XMLHttpRequest Object
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AJAX          XMLHttpRequest

## The XMLHttpRequest Object

XMLHttpRequest

XMLHttpRequest

## Create an XMLHttpRequest Object

(Chrome, Firefox, IE7 +, Edge, Safari, Opera)

XMLHttpRequest

가

XMLHttpRequest :

```
variable = new XMLHttpRequest();
```

```
var xhttp = new XMLHttpRequest();
```

## Access Across Domains

가 XML

W3Schools          W3Schools          XML

, XML

## Modern Browsers (Fetch API)

	XMLHttpRequest	Fetch API	
Fetch API		가	HTTP
XMLHttpRequest		Fetch	

## Old Browsers (IE5 and IE6)

Internet Explorer (5/6) XMLHttpRequest ActiveX

```
variable = new ActiveXObject("Microsoft.XMLHTTP");
```

IE5 IE6 , 가 XMLHttpRequest , ActiveX  
:

```
if (window.XMLHttpRequest) {  
  // code for modern browsers  
  xmlhttp = new XMLHttpRequest();  
} else {  
  // code for old IE browsers  
  xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");  
}
```

## XMLHttpRequest Object Methods

Method	Description
new XMLHttpRequest()	XMLHttpRequest
abort()	
getAllResponseHeaders()	
getResponseHeader()	

Method	Description
open(method, url, async, user, psw)	method: GET POST
	url:
	async: true( ) false( )
	user:
	psw :
send()	GET
send(string)	POST
setRequestHeader()	/ 가 .

## XMLHttpRequest Object Properties

Property	Description
onreadystatechange	readyState
readyState	XMLRequest
	0:
	1:
	2:
	3.
4.	Response
responseText	Response
responseXML	Response XML
status	(status-number)
	200: "OK"
	403: " (Forbidden)"
	404: " (Not Found)"
	<a href="#">HTTP Messages Reference</a>
statusText	(status-text) .( : "OK" "Not Found")

., Javascript, AJAX, -, The, XMLHttpRequest, Object

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