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jQuery ajax() Method

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Example

Change the text of a <div> element using an AJAX request:

```
$("#button").click(function(){
  $.ajax({url: "demo_test.txt", success: function(result){
    $("#div1").html(result);
  }});
});
```

[Try it Yourself »](#)

Definition and Usage

The ajax() method is used to perform an AJAX (asynchronous HTTP) request.

All jQuery AJAX methods use the ajax() method. This method is mostly used for requests where the other methods cannot be used.



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Syntax

```
$.ajax({name:value, name:value, ... })
```

The parameters specifies one or more name/value pairs for the AJAX request.

Possible names/values in the table below:

Name	Value/Description
async	A Boolean value indicating whether the request should be handled asynchronous or not. Default is true
beforeSend(xhr)	A function to run before the request is sent
cache	A Boolean value indicating whether the browser should cache the requested pages. Default is true
complete(xhr,status)	A function to run when the request is finished (after success and error functions)
contentType	The content type used when sending data to the server. Default is: "application/x-www-form-urlencoded"
context	Specifies the "this" value for all AJAX related callback functions
data	Specifies data to be sent to the server
dataFilter(data,type)	A function used to handle the raw response data of the XMLHttpRequest
dataType	The data type expected of the server response.
error(xhr,status,error)	A function to run if the request fails.
global	A Boolean value specifying whether or not to trigger global AJAX event handles for the request. Default is



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ifModified	A Boolean value specifying whether a request is only successful if the response has changed since the last request. Default is: false.
jsonp	A string overriding the callback function in a jsonp request
jsonpCallback	Specifies a name for the callback function in a jsonp request
password	Specifies a password to be used in an HTTP access authentication request.
processData	A Boolean value specifying whether or not data sent with the request should be transformed into a query string. Default is true
scriptCharset	Specifies the charset for the request
success(<i>result,status,xhr</i>)	A function to be run when the request succeeds
timeout	The local timeout (in milliseconds) for the request
traditional	A Boolean value specifying whether or not to use the traditional style of param serialization
type	Specifies the type of request. (GET or POST)
url	Specifies the URL to send the request to. Default is the current page
username	Specifies a username to be used in an HTTP access authentication request
xhr	A function used for creating the XMLHttpRequest object

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[Use the async setting](#)

How to use the async setting to specify a synchronous request

[Make an AJAX request with a specified data type](#)

How to use the dataType setting to specify the data type for the request.

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How to use the error setting to deal with errors in an AJAX request.

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