# jQuery ajax() Method

The jQuery ajax() method provides core functionality of Ajax in jQuery. It sends asynchronous HTTP requests to the server.

Syntax:

$.ajax(url);

$.ajax(url,[options]);

Parameter description:

* url: A string URL to which you want to submit or retrieve the data
* options: Configuration options for Ajax request. An options parameter can be specified using JSON format. This parameter is optional.

The following table list all the options available for configuring Ajax request.

| Options | Description |
| --- | --- |
| accepts | The content type sent in the request header that tells the server what kind of response it will accept in return. |
| async | By default, all requests are sent asynchronously. Set it false to make it synchronous. |
| beforeSend | A callback function to be executed before Ajax request is sent. |
| cache | A boolean indicating browser cache. Default is true. |
| complete | A callback function to be executed when request finishes. |
| contentType | A string containing a type of content when sending MIME content to the server.Default is "application/x-www-form-urlencoded; charset=UTF-8" |
| crossDomain | A boolean value indicating whether a request is a cross-domain. |
| data | A data to be sent to the server. It can be JSON object, string or array. |
| dataType | The type of data that you're expecting back from the server. |
| error | A callback function to be executed when the request fails. |
| global | A Boolean indicating whether to trigger a global Ajax request handler or not. Default is true. |
| headers | An object of additional header key/value pairs to send along with request. |
| ifModified | Allow the request to be successful only if the response has changed since the last request. This is done by checking the Last-Modified header. Default value is false. |
| isLocal | Allow the current environment to be recognized as local. |
| jsonp | Override the callback function name in a JSONP request. This value will be used instead of 'callback' in the 'callback=?' part of the query string in the url. |
| jsonpCallback | String containing the callback function name for a JSONP request. |
| mimeType | String containing a mime type to override the XMLHttpRequest mime type. |
| password | A password to be used with XMLHttpRequest in response to an HTTP access authentication request. |
| processData | A Boolean indicating whether data assigned to data option will be converted to a query string. Default is true. |
| statusCode | A JSON object containing numeric HTTP codes and functions to be called when the response has the corresponding code. |
| success | A callback function to be executed when Ajax request succeeds. |
| timeout | A number value in milliseconds for the request timeout. |
| type | A type of http request e.g. POST, PUT and GET. Default is GET. |
| url | A string containing the URL to which the request is sent. |
| username | A username to be used with XMLHttpRequest in response to an HTTP access authentication request. |
| xhr | A callback for creating the XMLHttpRequest object. |
| xhrFields | An object of fieldName-fieldValue pairs to set on the native XMLHttpRequest object. |