jQuery's Ajax-Related Methods: Part 2

$.ajax Options

There are many, many options for the $.ajax method, which is part of its power. For a complete list of options, visit <http://api.jquery.com/jQuery.ajax/>; here are several that you will use frequently:

**async**

Set to false if the request should be sent synchronously. Defaults to true. Note that if you set this option to false, your request will block execution of other code until the response is received.

**cache**

Whether to use a cached response if available. Defaults to true for all dataTypes except "script" and "jsonp". When set to false, the URL will simply have a cachebusting parameter appended to it.

**complete**

A callback function to run when the request is complete, regardless of success or failure. The function receives the raw request object and the text status of the request.

**context**

The scope in which the callback function(s) should run (i.e. what this will mean inside the callback function(s)). By default, this inside the callback function(s) refers to the object originally passed to $.ajax.

**data**

The data to be sent to the server. This can either be an object or a query string, such as foo=bar&baz=bim.

**dataType**

The type of data you expect back from the server. By default, jQuery will look at the MIME type of the response if no dataType is specified.

**Error**

A callback function to run if the request results in an error. The function receives the raw request object and the text status of the request.

**jsonp**

The callback name to send in a query string when making a JSONP request. Defaults to "callback".

**success**

A callback function to run if the request succeeds. The function receives the response data (converted to a JavaScript object if the dataType was JSON), as well as the text status of the request and the raw request object.

**timeout**

The time in milliseconds to wait before considering the request a failure.

**traditional**

Set to true to use the param serialization style in use prior to jQuery 1.4. For details, see <http://api.jquery.com/jQuery.param/>.

**type**

The type of the request, "POST" or "GET". Defaults to "GET". Other request types, such as "PUT" and "DELETE" can be used, but they may not be supported by all browsers.

**url**

The URL for the request.

The url option is the only required property of the $.ajax configuration object; all other properties are optional.