**Use jQuery**

[jQuery](http://jquery.com/) is a popular JavaScript library that is included with web application projects in Microsoft Visual Studio. jQuery provides an extensive framework of objects and functions that let you query and work with HTML pages using JavaScript. To use XMLHttpRequest, jQuery provides the [jQuery.ajax](http://api.jquery.com/jQuery.ajax/) method.

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| --- |
| **noteNote** |
| We don’t recommend using jQuery with form scripts or commands. More information: [Use of jQuery](https://msdn.microsoft.com/en-us/library/b7840a25-f25e-409b-8b6a-0ef04c7ed9c4(v=crm.7)#BKMK_UsingjQuery). |

The jQuery object is referenced using the **$** character so the short form for **jQuery.ajax** is **$.ajax**. The **ajax** method is typically used with an imperative syntax and the request is sent as soon as the object is instantiated. The following sample creates a new account record.

JScript

[Copy](javascript:if%20(window.epx.codeSnippet)window.epx.codeSnippet.copyCode('CodeSnippetContainerCode_90295cbe-8082-4919-bbf6-085efd462328');" \o "Copy to clipboard.)

var account = {};

account.Name = "Sample Account";

var jsonAccount = window.JSON.stringify(account);

$.ajax({

type: "POST",

contentType: "application/json; charset=utf-8",

datatype: "json",

url: Xrm.Page.context.getClientUrl() + "/XRMServices/2011/OrganizationData.svc/AccountSet",

data: jsonAccount,

beforeSend: function (XMLHttpRequest) {

//Specifying this header ensures that the results will be returned as JSON.

XMLHttpRequest.setRequestHeader("Accept", "application/json");

},

success: function (data, textStatus, XmlHttpRequest) {

account = data.d;

},

error: function (XMLHttpRequest, textStatus, errorThrown) {

errorHandler(XMLHttpRequest, textStatus, errorThrown);

}

});

The following table lists the properties you’ll have to know about to process HTTP requests and responses using the ODATA endpoint for Microsoft Dynamics CRM.

|  |  |  |
| --- | --- | --- |
| **Property Name** | **Type** | **Comments** |
| type | string | Use **GET** when you retrieve data and **POST** for all other operations. More information: [Explicitly set the Request header to a different HTTP action](https://msdn.microsoft.com/en-us/library/gg328025(v=crm.7).aspx#BKMK_SetRequestHeaderHTTPMethodJQUERY) |
| contentType | string | Specifies the type of content sent to the server. Use application/json; charset=utf-8 when you’re sending data in the JSON format. |
| dataType | string | The type of data expected to be returned by the server. Use json.   |  | | --- | | **noteNote** | | Simply setting this property may be insufficient. More information: [Explicitly set the Request Header to accept JSON](https://msdn.microsoft.com/en-us/library/gg328025(v=crm.7).aspx#BKMK_AcceptJSON) | |
| data | object | Set this to the value of a JSON object for create or update operations. |
| url | string | The ODATA endpoint URL appropriate for the action you’re performing. |
| beforeSend | function | A function that lets you modify the **XMLHttpRequest** object before it’s sent. |
| success | function | A callback function when a request succeeds. More information: [Processing results](https://msdn.microsoft.com/en-us/library/gg328025(v=crm.7).aspx#BKMK_ProcessingResults_JQUERY) |
| error | function | A function to be called if a request fails. More information: [Handling errors](https://msdn.microsoft.com/en-us/library/gg328025(v=crm.7).aspx#BKMK_HandlingError_JQUERY) |