

User Interaction: jQuery

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- What if you have something other than JSON to load?
 - XML
- Where can I find info about jQuery actions?
 - jQuery API Reference
 - for example, `html()` vs `text()` vs `append()`?

jQuery - Final example Step14

```
<html>
  <head>
    <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.4/jquery.min.js"></script>
    <script src="http://ajax.googleapis.com/ajax/libs/jqueryui/1.8/jquery-ui.min.js"></script>
    <script src="Step14.js"></script>
  </head>

  <body>
    <div class="dataXML">Replace this with XML</div>
    <hr/>
    <div class="dataJSON">Replace this with JSON</div>
    <hr/>
    <div class="dataJSONP">Replace this with JSONP</div>
  </body>
</html>
```

```
function escapeText(t){
    return document.createTextNode(t).textContent;
}

function myGoodLoadXMLHelper()
{
    $("div.dataXML").append("<li>"+escapeText($(this).text())+"</li>");
}

function myGoodLoadXML(data) {
    $("div.dataXML").html("AJAX XML call returned:<br/>");
    $("div.dataXML").append("<ul>");

    $(data).find("item title").each(myGoodLoadXMLHelper);

    $("div.dataXML").append("</ul>");
}
```

```
function myGoodLoadJSON(data) {
    $("div.dataJSON").html("AJAX JSON call returned:<br/>");
    $("div.dataJSON").append("<ul>");

    $("div.dataJSON").append("<li>"+escapeText(data.name)+"</li>");

    $("div.dataJSON").append("</ul>");
}
```

```
function myGoodLoadJSONP(data) {
    $("div.dataJSONP").html("AJAX JSONP call returned:<br/>");
    $("div.dataJSONP").append("<ul>");

    for(var i = 0; i < data.items.length; i++){
        $("div.dataJSONP").append("<li>"+escapeText(data.items[i].title)+"</li>");
    }

    $("div.dataJSONP").append("</ul>");
}
```

jQuery

```
function myBadLoadFunction(myXMLHttpRequest,myErrorMessage,myErrorThrown) {
    alert('status: ' + myErrorMessage + '\n' + myXMLHttpRequest.responseText);
}

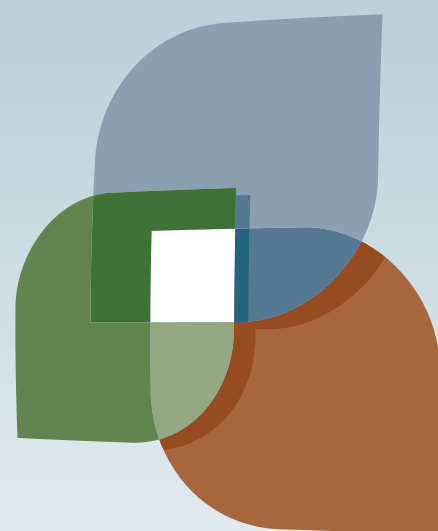
function myReadyFunction(){
    $.ajax({
        url: "http://djp3-pc2.ics.uci.edu/class/myProxy.php?http://api.flickr.com/services/feeds/geo/QDd_2P0bCZ4ZsRM6S
w&format=rss_200",
        dataType: "xml",
        success: myGoodLoadXML,
        error: myBadLoadFunction
    });
    $("div.dataXML").html("AJAX XML call initiated:<br/>");

    $.ajax({
        url: "http://djp3-pc2.ics.uci.edu/class/myProxy.php?https://graph.facebook.com/cocacola?access_token=222747086
712.DC_B5_0BVhWMQ_Sz_905NA__.3600.1287270000-635505023ljoTuvnXlx2x-kBezfcSzVJMYLKA",
        dataType: "json",
        success: myGoodLoadJSON,
        error: myBadLoadFunction
    });
    $("div.dataJSON").html("AJAX JSON call initiated:<br/>");

    $.ajax({
        url: "http://api.flickr.com/services/feeds/geo/United+States/California/Irvine&format=json",
        jsonp: "jsonFlickrFeed",
        dataType: "jsonp",
        success: myGoodLoadJSONP,
        error: myBadLoadFunction
    });
    $("div.dataJSONP").html("AJAX JSONP call initiated:<br/>");
}

$(document).ready(
    myReadyFunction
);
```

- Assignment #2 knowledge needed:
 - Location of Geocoded Feeds
 - http://api.flickr.com/services/feeds/geo/QDd_2PObCZ4ZsRM6Sw&format=json
 - How to load jQuery
 - How to build an HTML Table
 - How to execute an AJAX request
 - Avoiding Cross-site scripting
 - XML, JSON, JSONP
 - What if you have an error?
 - JavaScript looping



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