



Exercise #2 - Search Public Timeline

The public timeline can be searched by using a similar process that was found in a prior module. We can create a new function in the class which creates a new request to the url that Twitter requests:

`http://search.twitter.com/search.[FORMAT]`

Where [FORMAT] can be either JSON or ATOM. It takes a couple input parameters, the ones we're likely to use are:

- q - The text to search for
- rpp - The number of tweets to return per page, up to 100
- page - the page number to return (use this in addition to rpp to get a set of results)

All requests have to be URL Encoded (`urlencode()` php function). More information on the Search API method can be found at this URL:

`http://apiwiki.twitter.com/Twitter-Search-API-Method%3A-search`

Project Requirements

- Form on the page which accepts one input box
- Submit form button which posts as AJAX
- PHP file that makes the appropriate request to Twitter URL above, and searches public timeline
- PHP file returns the formatted text to the browser page
- Browser page updates the div area with the search results