Tweet Saver

Create a one page webapp that allows users to save tweets to HTML 5 local storage by dragging and dropping (see mockup below).

Users can search for tweets to save by putting in some text into a search field and clicking the search button to populate the left hand column with the 10 most recent twitter posts matching that criteria.

The user can then drag and drop tweets from the left hand column to column on the right labelled saved tweets. The saved tweets will get "saved" in the page so that when the user refreshes the page or comes back to it later his saved tweets are still present.

The application only needs to support HTML 5 compliant browsers. You can use any javascript libraries you like.

API

You can use this JSONP service to get the Twitter data, which we created to avoid having you implement OAuth authentication:

http://tweetsaver.herokuapp.com/?q=obama&callback=yourJSONPCallbackFn&count=10

It's a simplified version of the Twitter API that supports the following query parameters:

q required

A UTF-8, URL-encoded search query of 1,000 characters maximum, including operators. Queries may additionally be limited by complexity.

callback optional

If supplied, the response will use the JSONP format with a callback of the given name.

count optional
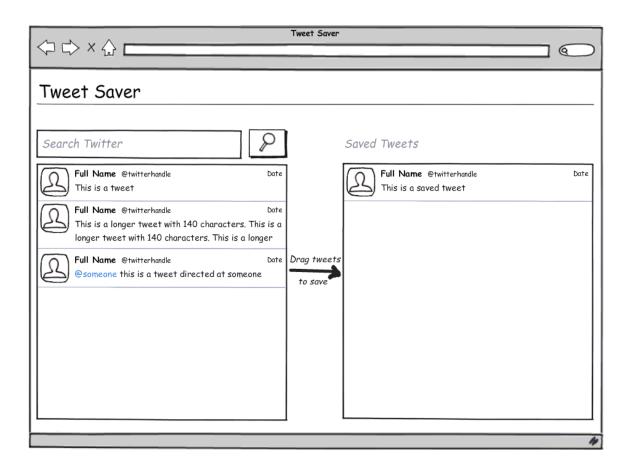If supplied, the response will be limited to [count] tweets.

Note: The data returned is the same as the Twitter API, but the structure may be slightly different due slight differences in how our library serializes/deserializes Twitter's response. Also, note that it's hosted on Heroku so it may take 30 seconds or so for the dyno to spin up but it should be quick if you use it consistently thereafter.

Packaging

Please submit your application as a zip file with a README containing instructions on how to get it up and running, either as a simple index.html with javascript, or by exposing it through an HTTP server like Apache/nginx or some other web application framework like node.js or PHP. If you are going to minify your solution, please provide the un-minified javascript and CSS so that we can review it.

Mockup

Here is a mock-up. Note, you do not have to implement this exact layout - we merely want to see the functionality working. Feel free to omit links, scrolling, validation, sorting, images etc. if you don't have time.

Tweet Saver

Search Twitter

🔍

Saved Tweets

Full Name @twitterhandle   Date
This is a tweet

Full Name @twitterhandle   Date
This is a longer tweet with 140 characters. This is a
longer tweet with 140 characters. This is a longer

Full Name @twitterhandle   Date
@someone this is a tweet directed at someone

Full Name @twitterhandle   Date
This is a saved tweet

Drag tweets
to save →