

ITP 404 Fall 2015 Midterm Project

Create a single page web application that plots concerts for a musician of your choice on a Google Map via the Eventful.com JSONP API. Beneath the map will be a list of all the concerts from the same data pulled from the Eventful API. Feel free to use a different musician. You can use jQuery/Handlebars or Angular.

Step 1:

Your page will render a Google Map when the page loads. Once the page is loaded, your app should make a JSONP request to the Eventful JSONP endpoint below. This endpoint will return a list of concerts and wrap the response data in a callback function named **processJSONP**. With this data, I want you to iterate over the list of events and plot each event on the Google Map. Each event has a latitude and longitude property for you to use.

Step 2:

You will also create a list of the concerts from this same Eventful API data using client-side templating / Angular.

Eventful API JSONP endpoint

http://api.eventful.com/json/events/search?c=music&app_key=NpmnLBfV4QKQtQ2N&page_number=1&date=Future&keywords=limp+bizkit&callback=processJSONP

To get started, create the following files:

- index.html
- main.js
- styles.css

1. Google Maps

- a. Request your own API key for the Eventful API. Visit [here](#) for instructions.
- b. Load a Google Map on the page and set the center of the map to: 30.141198, -38.787720
- c. When the page loads, I want your application to make a JSONP request to the Eventful API endpoint above. Iterate over the data contained in the `events.event` property (yes that is confusing because `events.event` is an array of events), and plot a map marker for each event on the Google Map.

2. Concert List

- a. Render a list of the concert data next to the map using client-side templating with Handlebars or Angular.
- b. You must display the following data fields:
 - i. title (this should a link to the URL specified in the url property)

- ii. description
- iii. venue_address
- iv. city_name
- v. country_name
- vi. display an image contained in image.medium