

Class #3 -- 16 Feb 2017

- Administrative tidbits
 - Did all students see discussion board interactions?
 - Were students able to do the homework assignment?
 - 30-60 seconds for project ideas
- From jsfiddle to jsbin
 - <https://github.com/umbcvis/fiddle>
 - Show how to load bin.html into jsbin.com
- Assignment from last week
 - See: <http://github.com/umbcvis/classes/tree/master/class-02>
 - Discuss:
 - The solution
 - Objects and object properties
 - Functions
 - Anonymous functions
 - Callbacks
 - Arrays
 - Introduce D3 API: <https://github.com/d3/d3/blob/master/API.md>
 - Introduce D3-arrays: <https://github.com/d3/d3-array>
 - Scope
 - Demo loading remote data by changing the URL to load USGS feed
- 3 Little Circles
 - <http://bost.ocks.org/mike/circles/>
 - Create an svg with 3 circles
 - Select them -- change their attributes
 - Anonymous functions -- element-specific changes
 - Binding data
 - Entering, exiting & updating elements
 - <https://github.com/mbostock/d3/wiki/API-Reference> -- API reference
- Assignment
 - Combine the earthquakes from the USGS real-time data feed with the US States.
 - Experiment with the styling and compare results from the different feeds
 - Put the results in a repo on your site and get it to work