CA **GENERAL ASSEMBLY**

FEWD

Joe Bliss
Doesn't Like Re-Inventing the Wheel

AGENDA
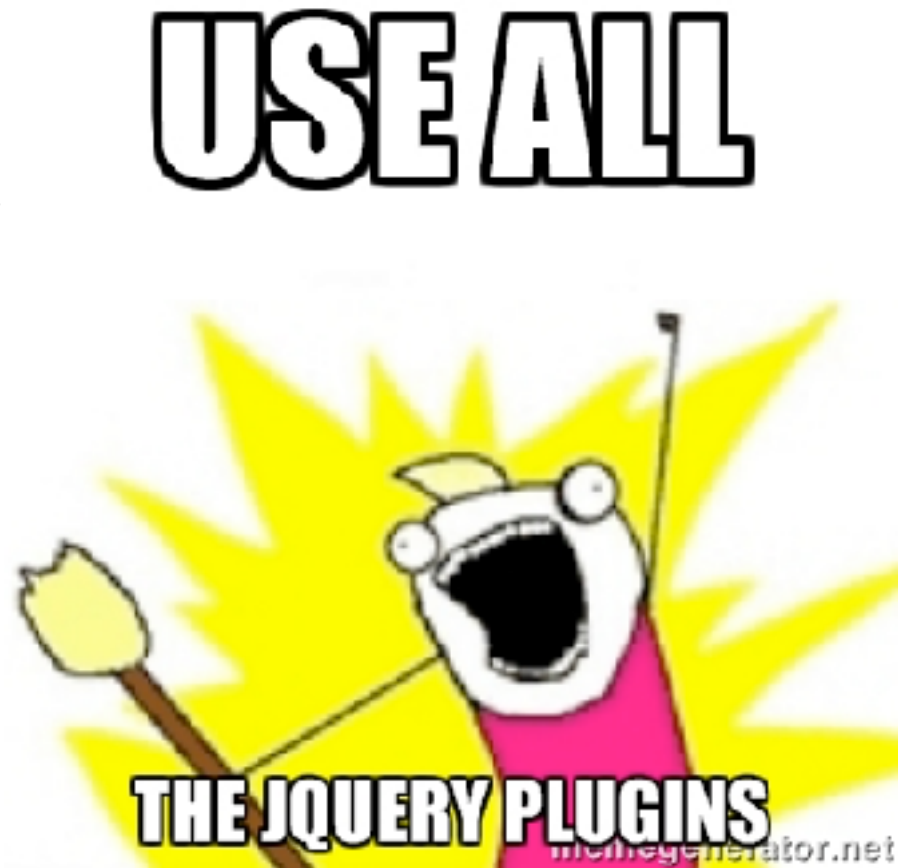
Homework Review
jQuery Plugins
Other JS Libraries

JQUERY PLUGINS

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There are so many plugins that other people have made and spend time actively testing and developing. We are going to work with a few today.

JQUERY PLUGINS

What IS a jQuery plugin?

Basically, it is an additional piece of JS code (with, optionally, some support images and CSS) that abstracts some complicated jQuery functionality out and can be re-used in our code.

We add an additional <script> to our HTML. We, optionally link any needed images and CSS. And then we reference the custom JS according to the plugin documentation.

WHAT ARE SOME THINGS WE CAN DO?

Slideshows

Page Scrolling / Parrallax

Advanced Layouts

Advanced Animation

Working with Media

Lightboxes / Other Modal Views

Datepickers, Sliders, UI tools

Form Processing

JQUERY PLUGINS

There are thousands upon thousands. Google is your best friend here.

Also, check out the jQuery plugin registry:

http://plugins.jquery.com/

And these pretty sexy plugins:

https://1stwebdesigner.com/useful-jquery-libraries/

https://speckyboy.com/free-jquery-plugins/

http://designpixy.com/2015/free-jquery-plugins/

WHAT TO LOOK FOR IN A PLUGIN

Recently Updated

Well-Documented

Example Implementations

Creative Commons Licensing

Open Source

Hosted on Github / Active User Base

CAROUSEL

https://owlcarousel2.github.io/OwlCarousel2/
http://kenwheeler.github.io/slick/

LIGHTBOX

One very commonly needed feature that you can find useful plugins for is the lightbox.

I like:

http://noelboss.github.io/featherlight/

http://andreknieriem.de/sl/demo/

http://fancyapps.com/fancybox/3/

JQUERY UI

Add cool UI features to your site with jQuery UI: https://jqueryui.com/

COLOR ANIMATIONS

http://www.bitstorm.org/jquery/color-animation/

Previously, we had no way to animate a color. This plugin let's us animate the following:

- color
- backgroundColor
- borderColor

OTHER USEFUL NON-JQUERY LIBRARIES

Add Touch Events to your website with Hammer.js:
http://hammerjs.github.io/

Create a pinterest-style Layout
http://masonry.desandro.com/

Detect features to customize user experience:
https://modernizr.com/

CAN'T FIND ONE YOU LIKE? WRITE YOUR OWN!

A great way to make a name for yourself when you are just starting out is to write your own jQuery plugins.

For more information:

http://learn.jquery.com/plugins/basic-plugin-creation/

http://brolik.com/blog/how-to-create-a-jquery-plugin/

http://www.webvanta.com/post/2011-03-21/an-introduction-to-jquery-plugin-writing

CODEALONGS