DORKSHOP 1: The Classic

How to attach the library

HTML, CSS, JS
HTML is the center. CSS & JS attach to it.
CSS uses ‹link›, JS uses ‹script›

‹script href=”jquery library url” type=”text/javascript”›‹/script›

jQuery is a library, like openFrameworks, it's a system devised to make the underlying language much easier to use.

To use jquery, all you have to do is attach the library, and then any script you write after that will can use its shortcuts.

JS renders in sequence, so the library has to be loaded before any scripts you write using JS.

Instead of downloading and keeping extra files, jquery is common enough you can link to it from google code.

Another benefit from everyone using this common url for the library is that more people will have this file already cached because some other site has already loaded it before, and your site may load faster.

Show Google code URL

Give vanilla page. Have them add the library.

Go to page in Chrome, go to console and type "jQuery" to test if it is right.

How to start your script

Since JS loads sequentially, it would be problematic trying to write code that manipulates HTML elements that are not loaded yet, since they occur further down the page.

That's why we use the document ready function

```
jQuery(document).ready(function($){
    // all your code goes here
```

```
});
```

This delays the running of your code until all the elements on the page have loaded (not including images). However, you still have to attach your script after the library.

Add this to your script where the code is supposed to go:
```
alert($('h1').text());
```

Save your new script and link it to your html. Check in browser.

This is the actions layer. Real actions require a subject an action and sometimes and object. Code actions do too. It's mostly nouns and verbs. Objects and functions. Think about what it is you want to do, want to change, want to have behave.

When you know what you want, start listing out the nouns. Then make verbs to manipulate those nouns.

Have them write pseudocode for what they want to do

Basic usage for win

Show most basic and useful stuff:

```
$('.uses-css-selectors')
$('.obj').click(function(){});
$('.obj').css({"color":#fff});
$('.obj').show();
$('.obj').hide();
$('.obj').html("<p>new markup</p>");
$('.obj').append("<p>new markup</p>");
$('.obj').each(function(i){});
```


Show each>click pattern
Show add remove class for show hide and css transitions
Show animate
Show ajax call

DORKSHOP 2: The Revengening

Better practices

vars and fx separated
no selectors in your logic
one idea one piece of code

Advanced techniques

take requests for anything they want to know how to do

Using plugins

show how to find
show how to use
talk about when to use