



# EASY JQUERY

WITH GUY ROUTLEDGE

@GUYROUTLEDGE | #FEWD

# AGENDA

- Slideshow
- Fancy Popups
- Scroll Triggers

# SLIDESHOW

# SLIDESHOW

Let's take the example of a slideshow or carousel.

In other courses, we sometimes do a codealong showing how to make a slideshow from scratch.

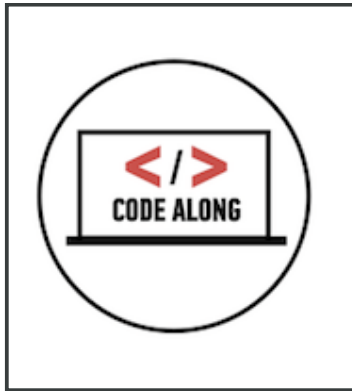
# SLIDESHOW

This takes advantage of the jQuery `.animate()` method and some simple maths to slide a container of images around within a window.

# SLIDESHOW

But this is quite limited in how it can be customised and adding a slideshow to a website is no new thing.

Perhaps we can get some help from some smart people and save ourselves some time?



# SLIDESHOW

<http://codepen.io/guyroutledge/pen/DnxJH>

# JQUERY PLUGINS



# JQUERY PLUGINS

A **plugin** is a self-contained bundle of JS (and sometimes CSS and images) that adds interaction and functionality without you having to write the code yourself!

# JQUERY PLUGINS

They are just jQuery code that you *could* write yourself, but instead of "reinventing the wheel" we can leverage other peoples abilities and save a lot of time.

# JQUERY PLUGINS

Using plugins has the following benefits:

- You don't have to be a JS ninja to have a visually rich project
- Huge time savings
- Most are very customisable
- Most are open source (free)
- Most have been well tested and improved over time
- Most have been well documented
- Most have working examples for you to copy+paste

# JQUERY PLUGINS

However, with all this goodness, there are some downsides:

- Using loads of plugins adds to page weight
- Some plugins aren't very flexible/stable/well made
- Some functionality is so simple, you don't really need a plugin

# JQUERY PLUGINS

So, how do I get all this goodness?

Well, once you know the kind of functionality you want to add or the result you want to achieve, we need 3 things:

- Find a suitable plugin and read the documentation
- If it sounds like it does what you need, download it, unzip the files into your project and include the plugin assets via **script** and **link** tags in your HTML
- Initialize the plugin (sometimes)

# JQUERY PLUGINS

Using jQuery plugins is really an exercise in reading instructions and following them.

If you get stuck, a quick search of Google/Stack Overflow should help you get back on track.

# POPUPS WITH FANCYBOX

# FANCYBOX

<http://fancyapps.com/fancybox/>



# FANCYBOX

Fancybox is a great little plugin for creating lightbox effects which allow you to hide content until it's requested by the user and then display it as a modal box, overlaid over the top of your main page.

A typical use-case is log in forms, sign up forms, displaying large images or video or extra information.

# WAYPOINTS

# WAYPOINTS

<http://imakewebthings.com/waypoints/>

# WAYPOINTS

This is a library that allows you to trigger JS behaviour when the user scrolls to a certain point in the page. It's a very lightweight library but comes in really useful for drawing attention to a particular element or section of the page just in time for the user to see it.

# WAYPOINTS

A classic example is to add a class to an element which triggers a transition or animation to reveal or hide an element.

This means you can add subtle entrance/exit effects as elements move through the viewport.

# MORE SCROLLING

Scrolling effects are quite popular at the moment and there are loads of plugins that help with this stuff. A few that I've used:

- <http://scrollmagic.io/>
- <http://prinzhorn.github.io/skrollr/>
- <https://scrollrevealjs.org/>

# PROJECT TIME

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Challenge: think of some functionality that you could add to your project with a jQuery plugin. It could be one we've looked at or something completely different.

Try to follow the documentation to add the plugin to your project.



