

14 Intro to jQuery UI

IDD 510 Essentials of Interactive Design

What is jQuery UI?

- jQuery UI is a widget and interaction library built on top of the jQuery JavaScript Library that you can use to build highly interactive web applications.

How do I add jQuery UI to my project?

- I would suggest going to the [jQuery UI Builder](#), perusing the themes, then download the appropriate version and desired theme package.
- Link to the jQuery UI CSS and JS libraries in your HTML page(s).

Okay, now what?

- Once you've loaded the CSS and JS to the appropriate places in your HTML file(s), you simply go to [the documentation](#) and pick what interaction, widget, or effect you want to include in your project.

Let's Add in a Set of Tabs

- Wait, don't we have [tabs](#) in Bootstrap?
- Follow these steps to add tabbed sections to your project using jQuery UI...
 - Go to the documentation and examine the [tab](#) details.
 - The HTML looks like this...

```
<div id="tabs">

  <ul>

    <li><a href="#tabs-1">Link</a></li>

    <li><a href="#tabs-2">Link2</a></li>

  </ul>

  <div id="tabs-1">Content here...</div>

  <div id="tabs-2">Content here...</div>

</div>
```

Let's Add in a Set of Tabs, cont.

- Steps, cont.
 - Now for the JS...
 - That's it!

```
$( "#tabs" ).tabs();
```

What about an effect?

- Let's add a “[pulsate](#)” effect to toggle!
- In this case we need to dig a little deeper into the API documentation and look at Effects > [Pulsate Effect](#)...

```
$("#toggle").toggle("pulsate");
```

Let's try adding an accordion...

- First look at the [documentation](#)...
 - Then we add the HTML to the appropriate spot in your document...

```
<div id="accordion">

    <h3>Section 1</h3>

    <div>Content here.</div>

    <h3>Section 2</h3>

    <div>Content here.</div>

    <h3>Section 3</h3>

    <div>Content here.</div>

</div>
```


Let's try adding an accordion..., cont.

- Then we add in the JS...
 - We're done!

```
$("#accordion").accordion();
```