FSS Naming Conventions

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Naming Conventions

FSS and Infusion both adhere to a strict naming convention for class name selectors.

The template for **FSS classnames** (i.e. class names use for styling) looks like **fl-[fluid:thing]-[fluid:role]-[fluid:state]**, with some guidelines:

1. multiple words are in camelCase, so they might look like **fl-[fluid:multiWordThing]-[fluid:multiWordRole]-[fluid:state]**
2. components are always the first "thing", so they would look like **fl-[fluid:componentName]-[fluid:thing]-[fluid:role]-[fluid:state]**

[fluid:thing] = *required* the concept the class name is referring to at the most general yet still meaningful level (eg. fl-**tabs**, fl-**widget**, fl-**col**, fl-**container**, etc)
[fluid:role] = *optional* the purpose or action of THING, which could be a more detailed version of THING (eg. fl-tabs-**centered**, fl-col-**flex**, fl-container-**500**, fl-widget-**titleBar**)
[fluid:state] = *optional* a modifier of the ROLE or THING, which is only temporary and dependant on other actions (eg. fl-button-left-**disabled**, fl-widget-content-**draggable**)

Some examples of FSS class names:

* `fl-col-flex`: a flexible width column
* `fl-tabs-left`: left-oriented tabs
* `fl-grid-caption`: the caption of an image in a grid
* `fl-widget-titlebar`: the titlebar of a widget

The template for **Infusion selectors** (i.e. classnames used for programmatic manipulation of the DOM) looks like **flc-[fluid:componentName]-[fluid:thing]-[fluid:role]-[fluid:state]**, with the same guidelines as FSS selectors.

Some examples of component selectors:

* `flc-progress-label`: the label for a progress bar (Progress component)
* `flc-reorderer-dropWarning`: the drop warning used with the reorderer (Reorderer component)
* `flc-inlineEdit-textEditButton`: the 'edit' button used with an inline edit (Inline Edit component)
* `flc-pager-pageLink-skip`: a page link that should be skipped (Pager component)

When combining class names for styling and class names for selectors, the convention is

```
<el class="flc-* fl-*">
```

so that the DOM selectors are before the CSS selectors.

The reason we do this is to separate the different purposes of selectors: one to style things, one to find things in the DOM. This way, you could change your behavioural code without affecting your appearance and vice versa.