

Bootstrap JavaScript Components

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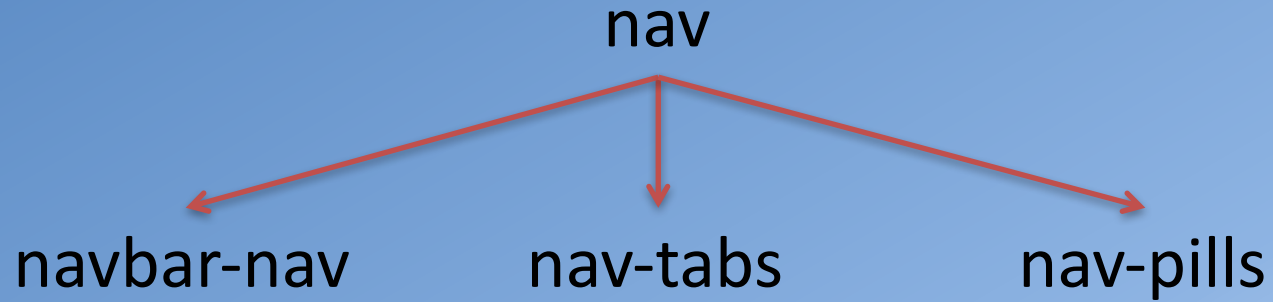
Bootstrap and CSS

- Bootstrap provides a number of CSS classes that can be used effectively
- Components are created by applying the Bootstrap CSS classes
- Bootstrap can be used purely for its CSS classes

Bootstrap and CSS

- CSS classes for many components start with a base class
- Further modifiers can be applied with a set of related classes

Bootstrap Nav Classes



Bootstrap and JavaScript

- Bootstrap's JavaScript support is through JS Plugins
 - Plugins written based on JQuery
 - Plugins can be individually included

Bootstrap and JavaScript



Bootstrap JS Components



jQuery



JavaScript

Using Bootstrap JS Plugins

- Include the Javascript files at the bottom of the <body>

```
<script src="node_modules/jquery/dist/jquery.min.js"></script>  
<script src="node_modules/tether/dist/js/tether.min.js"></script>  
<script src="node_modules/bootstrap/dist/js/bootstrap.min.js">  
</script>
```

Bootstrap JS Components

- JS components can all be used without writing a single line of JavaScript:
 - data-* attributes (e.g., data-toggle, data-spy)
 - Straightforward approach to use plugins
 - We will explore this approach in this module
- Full JS API available if needed
 - Need to know JQuery syntax and JavaScript