

# 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

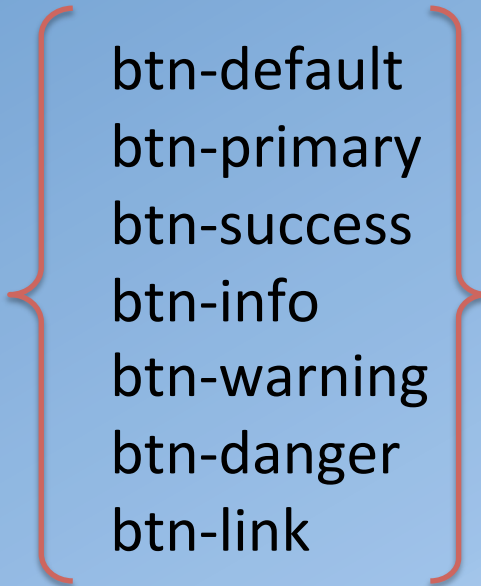
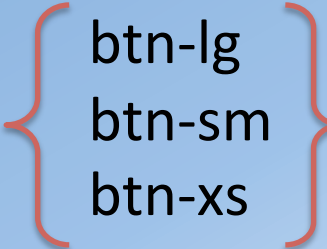
# Bootstrap and CSS

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

# Example: Bootstrap Button Classes

**Color**

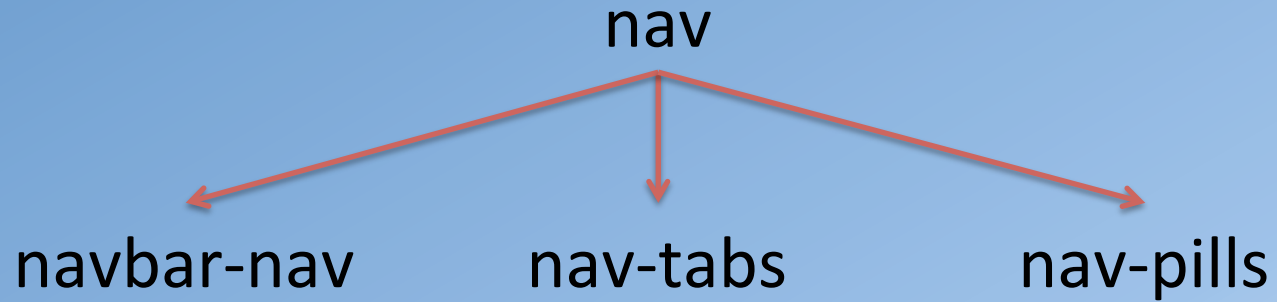
**Size**

btn +   + btn-block

btn-default  
btn-primary  
btn-success  
btn-info  
btn-warning  
btn-danger  
btn-link

btn-lg  
btn-sm  
btn-xs

# 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="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
```

`<!-- Include all compiled plugins (below), or include individual files as needed -->`

```
<script src="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