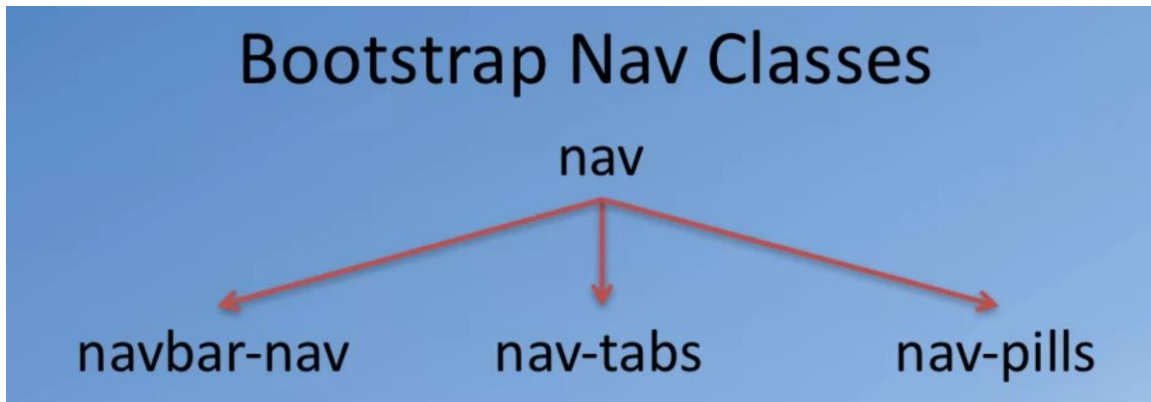


JavaScripts' Components in Bootstrap

Introductions

By changing the class tag, we can apply some built-in CSS style for our content, like "btn-sm", "btn-primary". But those changes do not include JS plugins, therefore we do not change their functions. Take the nav as example, "nav-tabs" and "nav-pills" includes the JS plugins, but "navbar-nav" is not.



Bootstrap and JavaScript

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

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

Tabs, Pills and Tabbed Navigations

Tabs and Pills

- Navigation elements for navigating content within a page that is organized into multiple panes

Example: tabs for the upper one, pills for the lower one

Corporate Leadership

Peter Pan, CEO Danny Witherspoon, CFO Agumbe Tang, CTO Alberto Somayya, Exec. Chef

Peter Pan Chief Epicurious Officer

Our CEO, Peter, credits his hardworking East Asian immigrant parents who undertook the arduous journey to the shores of America with the intention of giving their children the best future. His mother's wizardy in the kitchen whipping up the tastiest dishes with whatever is available inexpensively at the supermarket, was his first inspiration to create the fusion cuisines for which *The Frying Pan* became well known. He brings his zeal for fusion cuisines to this restaurant, pioneering cross-cultural culinary connections.

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Exercise

Exercise: Tabs

- Design a web page to use tabbed navigation for organizing the content
- Use tab panes and organize the content into the panes
- Facilitate navigation among the tab panes using the tabbed navigation elements

```
<ul class="nav nav-tabs">
  <li class="nav-item">
    <a class="nav-link active" href="#peter" role="tab" data-toggle="tab">Peter Pan,
CEO</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#danny" role="tab" data-toggle="tab">Dhanasekaran
Witherspoon, CFO</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#agumbe" role="tab" data-toggle="tab">Agumbe Tang,
CTO</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#alberto" role="tab" data-toggle="tab">Alberto Somayya,
Chef</a>
  </li>
</ul>
<div class="tab-content">
  <div role="tabpanel" class="tab-pane fade show active" id="peter"> <!-- show means
show this pane for first-rendering -->
    <h3>Peter Pan <small>Chief Epicurious Officer</small></h3>
    <p class="d-none d-sm-block">Our CEO, Peter, credits his hardworking East Asian
immigrant parents who undertook the arduous journey to the shores of America with
the intention of giving their children the best future. His mother's wizardry in the kitchen
whipping up the tastiest dishes with whatever is available inexpensively at the
supermarket, was his first inspiration to create the fusion cuisines for which <em>The
```

```

Frying Pan</em> became well known. He brings his zeal for fusion cuisines to this
restaurant, pioneering cross-cultural culinary connections.</p>
</div>
<div role="tabpanel" class="tab-pane fade" id="danny"> <!-- fade is a built-in
bootstrap tag, which enables hide the content -->
    <h3>Dhanasekaran Witherspoon <small>Chief Food Officer</small></h3>
    <p class="d-none d-sm-block">Our CFO, Danny, as he is affectionately referred to
by his colleagues, comes from a long established family tradition in farming and
produce. His experiences growing up on a farm in the Australian outback gave him great
appreciation for varieties of food sources. As he puts it in his own words,
<em>Everything that runs, wins, and everything that stays, pays!</em></p>
</div>
<div role="tabpanel" class="tab-pane fade" id="agumbe">
    <h3>Agumbe Tang <small>Chief Taste Officer</small></h3>
    <p class="d-none d-sm-block">Blessed with the most discerning gustatory sense,
Agumbe, our CTO, personally ensures that every dish that we serve meets his exacting
tastes. Our chefs dread the tongue lashing that ensues if their dish does not meet his
exacting standards. He lives by his motto, <em>You click only if you survive my
lick.</em></p>
</div>
<div role="tabpanel" class="tab-pane fade" id="alberto">
    <h3>Alberto Somayya <small>Executive Chef</small></h3>
    <p class="d-none d-sm-block">Award winning three-star Michelin chef with wide
International experience having worked closely with whos-who in the culinary world, he
specializes in creating mouthwatering Indo-Italian fusion experiences. He says, <em>Put
together the cuisines from the two craziest cultures, and you get a winning hit! Amma
Mia!</em></p>
</div>
</div>

```

The Structure is

- Nav nav-tabs
 - Nav-item
 - Nav-link tab
- Tab-content
 - Tabpanel tab-pane

For better looking, we use the following css styles.

```

.tab-content {
  border-left: 1px solid #ddd;
  border-right: 1px solid #ddd;
  border-bottom: 1px solid #ddd;
}

```

```
padding: 10px;  
}
```

Collapse and Accordion

The Collapse Plugin

- Collapse plugin provides a quick way of revealing and hiding content.
- Toggling of content requires the use of a button or a link to trigger the toggle