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# Navs

Documentation and examples for how to use Bootstrap's included navigation components.



Adobe Creative Cloud for Teams starting at \$33.99 per month.

ads via Carbon

### Base nav

Navigation available in Bootstrap share general markup and styles, from the base .nav class to the active and disabled states. Swap modifier classes to switch between each style.

The base .nav component is built with flexbox and provide a strong foundation for building all types of navigation components. It includes some style overrides (for working with lists), some link padding for larger hit areas, and basic disabled styling.

The base .nav component does not include any .active state. The following examples include the class, mainly to demonstrate that this particular class does not trigger any special styling.

Active Link Link Disabled

Classes are used throughout, so your markup can be super flexible. Use like above, if the order of your items is important, or roll your own with aelement. Because the .nav uses display: flex, the nav links behave the same as nav items would, but without the extra markup.

Active Link Link Disabled

```
<nav class="nav">
  <a class="nav-link active" href="#">Active</a>
  <a class="nav-link" href="#">Link</a>
  <a class="nav-link" href="#">Link</a>
  <a class="nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>
  </nav>
```

# Available styles

Change the style of .navs component with modifiers and utilities. Mix and match as needed, or build your own.

## Horizontal alignment

Change the horizontal alignment of your nav with <u>flexbox utilities</u>. By default, navs are left-aligned, but you can easily change them to center or right aligned.

Centered with .justify-content-center:

```
Active Link Link Disabled
```

Right-aligned with .justify-content-end:

Active Link Link Disabled

Сору <a class="nav-link active" href="#">Active</a> <a class="nav-link" href="#">Link</a> <a class="nav-link" href="#">Link</a> <a class="nav-link disabled" href="#" tabindex="-1" aria-</pre> disabled="true">Disabled</a> 

### Vertical

Stack your navigation by changing the flex item direction with the .flex-column utility. Need to stack them on some viewports but not others? Use the responsive versions (e.g., .flex-sm-column).

```
Active
Link
Link
Disabled
```

```
Сору
<a class="nav-link active" href="#">Active</a>
 <a class="nav-link" href="#">Link</a>
 <a class="nav-link" href="#">Link</a>
 <a class="nav-link disabled" href="#" tabindex="-1" aria-</pre>
disabled="true">Disabled</a>
```

As always, vertical navigation is possible without ul>s, too.

```
Active
Link
Link
Disabled
```

### **Tabs**

Takes the basic nav from above and adds the .nav-tabs class to generate a tabbed interface. Use them to create tabbable regions with our <u>tab JavaScript plugin</u>.



Copy

```
        <a class="nav-link active" href="#">Active</a>

    cli class="nav-link" href="#">Link</a>

    class="nav-link" href="#">Link</a>

    class="nav-link" href="#">Link</a>

    class="nav-link" href="#">Link</a>

    class="nav-link" href="#">tabindex="-1" aria-disabled="true">Disabled</a>
```

### Pills

Take that same HTML, but use .nav-pills instead:

```
<u>Active</u> <u>Link</u> <u>Disabled</u>
```

Сору <a class="nav-link active" href="#">Active</a> <a class="nav-link" href="#">Link</a> <a class="nav-link" href="#">Link</a> <a class="nav-link disabled" href="#" tabindex="-1" aria-</pre> disabled="true">Disabled</a> 

# Fill and justify

Force your .nav's contents to extend the full available width one of two modifier classes. To proportionately fill all available space with your .navitems, use .nav-fill. Notice that all horizontal space is occupied, but not every nav item has the same width.

Active Much longer nav link Link Disabled

When using a <nav>-based navigation, be sure to include .nav-item on the anchors.

Active Much longer nav link Link Disabled

Сору

Copy

```
<nav class="nav nav-pills nav-fill">
    <a class="nav-item nav-link active" href="#">Active</a>
    <a class="nav-item nav-link" href="#">Much longer nav link</a>
    <a class="nav-item nav-link" href="#">Link</a>
    <a class="nav-item nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>
    </nav>
```

For equal-width elements, use .nav-justified. All horizontal space will be occupied by nav links, but unlike the .nav-fill above, every nav item will be the same width.

Active Much longer nav Link Disabled link

Similar to the .nav-fill example using a <nav>-based navigation, be sure to include .nav-item on the anchors.

Active Much longer nav Link Disabled link

Сору

## Working with flex utilities

If you need responsive nav variations, consider using a series of flexbox utilities. While more verbose, these utilities offer greater customization across responsive breakpoints. In the example below, our nav will be stacked on the lowest breakpoint, then adapt to a horizontal layout that fills the available width starting from the small breakpoint.

# Regarding accessibility

</nav>

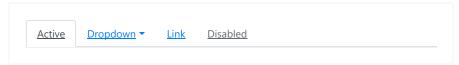
If you're using navs to provide a navigation bar, be sure to add a role="navigation" to the most logical parent container of the , or wrap a <nav> element around the whole navigation. Do not add the role to the itself, as this would prevent it from being announced as an actual list by assistive technologies.

Note that navigation bars, even if visually styled as tabs with the .nav-tabs class, should **not** be given role="tablist", role="tab" or role="tabpanel" attributes. These are only appropriate for dynamic tabbed interfaces, as described in the WAI (Web Accessibility Initiative) ARIA (Accessible Rich Internet Applications) Authoring Practices. See JavaScript behavior for dynamic tabbed interfaces in this section for an example.

## Using dropdowns

Add dropdown menus with a little extra HTML and the <u>dropdowns JavaScript plugin</u>.

## Tabs with dropdowns



```
<a class="nav-link active" href="#">Active</a>
 <a class="nav-link dropdown-toggle" data-toggle="dropdown" href="#"</pre>
role="button" aria-haspopup="true" aria-expanded="false">Dropdown</a>
   <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Action</a>
    <a class="dropdown-item" href="#">Another action</a>
    <a class="dropdown-item" href="#">Something else here</a>
    <div class="dropdown-divider"></div>
    <a class="dropdown-item" href="#">Separated link</a>
   </div>
 <a class="nav-link" href="#">Link</a>
 <a class="nav-link disabled" href="#" tabindex="-1" aria-</pre>
disabled="true">Disabled</a>
```

### Pills with dropdowns

```
Active <u>Dropdown</u> ▼ <u>Link</u> <u>Disabled</u>
```

```
<a class="nav-link active" href="#">Active</a>
 <a class="nav-link dropdown-toggle" data-toggle="dropdown" href="#"</pre>
role="button" aria-haspopup="true" aria-expanded="false">Dropdown</a>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Action</a>
    <a class="dropdown-item" href="#">Another action</a>
    <a class="dropdown-item" href="#">Something else here</a>
    <div class="dropdown-divider"></div>
    <a class="dropdown-item" href="#">Separated link</a>
   </div>
 <a class="nav-link" href="#">Link</a>
 <a class="nav-link disabled" href="#" tabindex="-1" aria-</pre>
disabled="true">Disabled</a>
```

# JavaScript behavior

Use the tab JavaScript plugin—include it individually or through the compiled bootstrap.js file—to extend our navigational tabs and pills to create tabbable panes of local content, even via dropdown menus.

If you're building our JavaScript from source, it  $\underline{\text{requires util.js}}$ .

Dynamic tabbed interfaces, as described in the <u>WAI (Web Accessibility Initiative)</u> ARIA (Accessible Rich Internet Applications) Authoring Practices, require role="tablist", role="tab", role="tabpanel", and additional aria-attributes in order to convey their structure, functionality and current state to users of assistive technologies (such as screen readers).

Note that dynamic tabbed interfaces should *not* contain dropdown menus, as this causes both usability and accessibility issues. From a usability perspective, the fact that the currently displayed tab's trigger element is not immediately visible (as it's inside the closed dropdown menu) can cause confusion. From an accessibility point of view, there is currently no sensible way to map this sort of construct to a standard WAI ARIA pattern, meaning that it cannot be easily made understandable to users of assistive technologies.

Home Profile Contact

Raw denim you probably haven't heard of them jean shorts Austin. Nesciunt tofu stumptown aliqua, retro synth master cleanse. Mustache cliche tempor, williamsburg carles vegan helvetica. Reprehenderit butcher retro keffiyeh dreamcatcher synth. Cosby sweater eu banh mi, qui irure terry richardson ex squid. Aliquip placeat salvia cillum iphone. Seitan aliquip quis cardigan american apparel, butcher voluptate nisi qui.

<a class="nay-link active" id="home-tah" data-toggle="tah" href="#home"</pre> role="tab" aria-controls="home" aria-selected="true">Home</a> <a class="nav-link" id="profile-tab" data-toggle="tab" href="#profile"</pre> role="tab" aria-controls="profile" aria-selected="false">Profile</a> <a class="nav-link" id="contact-tab" data-toggle="tab" href="#contact"</pre> role="tab" aria-controls="contact" aria-selected="false">Contact</a> <div class="tab-content" id="myTabContent"> <div class="tab-pane fade show active" id="home" role="tabpanel" aria-</pre> labelledby="home-tab">...</div> <div class="tab-pane fade" id="profile" role="tabpanel" aria-</pre> labelledby="profile-tab">...</div> <div class="tab-pane fade" id="contact" role="tabpanel" aria-</pre> labelledby="contact-tab">...</div> </div>

To help fit your needs, this works with ul>-based markup, as shown above, or with any arbitrary "roll your own" markup. Note that if you're using <nav>, you shouldn't add role="tablist" directly to it, as this would override the element's native role as a navigation landmark. Instead, switch to an alternative element (in the example below, a simple <div>) and wrap the <nav> around it.

Home Profile Contact

Et et consectetur ipsum labore excepteur est proident excepteur ad velit occaecat qui minim occaecat veniam. Fugiat veniam incididunt anim aliqua enim pariatur veniam sunt est aute sit dolor anim. Velit non irure adipisicing aliqua ullamco irure incididunt irure non esse consectetur nostrud minim non minim occaecat. Amet duis do nisi duis veniam non

est eiusmod tempor incididunt tempor dolor ipsum in qui sit. Exercitation mollit sit culpa nisi culpa non adipisicing reprehenderit do dolore. Duis reprehenderit occaecat anim ullamco ad duis occaecat ex.

```
Сору
<nav>
  <div class="nav nav-tabs" id="nav-tab" role="tablist">
    <a class="nav-item nav-link active" id="nav-home-tab" data-toggle="tab"</pre>
href="#nav-home" role="tab" aria-controls="nav-home" aria-selected="true">Home</a>
    <a class="nav-item nav-link" id="nav-profile-tab" data-toggle="tab"</pre>
href="#nav-profile" role="tab" aria-controls="nav-profile" aria-
selected="false">Profile</a>
    <a class="nav-item nav-link" id="nav-contact-tab" data-toggle="tab"</pre>
href="#nav-contact" role="tab" aria-controls="nav-contact" aria-
selected="false">Contact</a>
  </div>
</nav>
<div class="tab-content" id="nav-tabContent">
  <div class="tab-pane fade show active" id="nav-home" role="tabpanel" aria-</pre>
labelledby="nav-home-tab">...</div>
  <div class="tab-pane fade" id="nav-profile" role="tabpanel" aria-</pre>
labelledby="nav-profile-tab">...</div>
  <div class="tab-pane fade" id="nav-contact" role="tabpanel" aria-</pre>
labelledby="nav-contact-tab">...</div>
</div>
```

The tabs plugin also works with pills.

```
Home Profile Contact
```

Consequat occaecat ullamco amet non eiusmod nostrud dolore irure incididunt est duis anim sunt officia. Fugiat velit proident aliquip nisi incididunt nostrud exercitation proident est nisi. Irure magna elit commodo anim ex veniam culpa eiusmod id nostrud sit cupidatat in veniam ad. Eiusmod consequat eu adipisicing minim anim aliquip cupidatat culpa excepteur quis. Occaecat sit eu exercitation irure Lorem incididunt nostrud.

```
Copy
<a class="nav-link active" id="pills-home-tab" data-toggle="pill"</pre>
href="#pills-home" role="tab" aria-controls="pills-home" aria-
selected="true">Home</a>
 <a class="nav-link" id="pills-profile-tab" data-toggle="pill" href="#pills-</pre>
profile" role="tab" aria-controls="pills-profile" aria-
selected="false">Profile</a>
 <a class="nav-link" id="pills-contact-tab" data-toggle="pill" href="#pills-</pre>
contact" role="tab" aria-controls="pills-contact" aria-
selected="false">Contact</a>
  <div class="tab-content" id="pills-tabContent">
 <div class="tab-pane fade show active" id="pills-home" role="tabpanel" aria-</pre>
labelledby="pills-home-tab">...</div>
  <div class="tab-pane fade" id="pills-profile" role="tabpanel" aria-</pre>
labelledby="pills-profile-tab">...</div>
 <div class="tab-pane fade" id="pills-contact" role="tabpanel" aria-</pre>
labelledby="pills-contact-tab">...</div>
</div>
```

Home
Cillum ad ut irure tempor velit nostrud occaecat ullamco aliqua anim Lorem sint. Veniam sint duis incididunt do esse magna
Profile
mollit excepteur laborum qui. Id id reprehenderit sit est eu aliqua occaecat quis et velit excepteur laborum mollit dolore eiusmod.

Messages
Ipsum dolor in occaecat commodo et voluptate minim
reprehenderit mollit pariatur. Deserunt non laborum enim et cillum eu deserunt excepteur ea incididunt minim occaecat.

```
Copy
<div class="row">
  <div class="col-3">
    <div class="nav flex-column nav-pills" id="v-pills-tab" role="tablist" aria-</pre>
orientation="vertical">
     <a class="nav-link active" id="v-pills-home-tab" data-toggle="pill"</pre>
href="#v-pills-home" role="tab" aria-controls="v-pills-home" aria-
selected="true">Home</a>
      <a class="nav-link" id="v-pills-profile-tab" data-toggle="pill" href="#v-</pre>
pills-profile" role="tab" aria-controls="v-pills-profile" aria-
selected="false">Profile</a>
     <a class="nav-link" id="v-pills-messages-tab" data-toggle="pill" href="#v-</pre>
pills-messages" role="tab" aria-controls="v-pills-messages" aria-
selected="false">Messages</a>
      <a class="nav-link" id="v-pills-settings-tab" data-toggle="pill" href="#v-</pre>
pills-settings" role="tab" aria-controls="v-pills-settings" aria-
selected="false">Settings</a>
   </div>
  </div>
  <div class="col-9">
    <div class="tab-content" id="v-pills-tabContent">
      <div class="tab-pane fade show active" id="v-pills-home" role="tabpanel"</pre>
aria-labelledby="v-pills-home-tab">...</div>
     <div class="tab-pane fade" id="v-pills-profile" role="tabpanel" aria-</pre>
labelledby="v-pills-profile-tab">...</div>
      <div class="tab-pane fade" id="v-pills-messages" role="tabpanel" aria-</pre>
labelledby="v-pills-messages-tab">...</div>
     <div class="tab-pane fade" id="v-pills-settings" role="tabpanel" aria-</pre>
labelledby="v-pills-settings-tab">...</div>
   </div>
  </div>
</div>
```

## Using data attributes

You can activate a tab or pill navigation without writing any JavaScript by simply specifying data-toggle="tab" or data-toggle="pill" on an element. Use these data attributes on .nav-tabs or .nav-pills.

```
<!-- Nav tabs -->
<a class="nav-link active" id="home-tab" data-toggle="tab" href="#home"</pre>
role="tab" aria-controls="home" aria-selected="true">Home</a>
 <a class="nav-link" id="profile-tab" data-toggle="tab" href="#profile"</pre>
role="tab" aria-controls="profile" aria-selected="false">Profile</a>
 <a class="nav-link" id="messages-tab" data-toggle="tab" href="#messages"</pre>
role="tab" aria-controls="messages" aria-selected="false">Messages</a>
 <a class="nav-link" id="settings-tab" data-toggle="tab" href="#settings"</pre>
role="tab" aria-controls="settings" aria-selected="false">Settings</a>
 <!-- Tab panes -->
<div class="tab-content">
 <div class="tab-pane active" id="home" role="tabpanel" aria-labelledby="home-</pre>
tab">...</div>
 <div class="tab-pane" id="profile" role="tabpanel" aria-labelledby="profile-</pre>
tab">...</div>
 <div class="tab-pane" id="messages" role="tabpanel" aria-labelledby="messages-</pre>
 <div class="tab-pane" id="settings" role="tabpanel" aria-labelledby="settings-</pre>
tab">...</div>
</div>
```

## Via JavaScript

Enable tabbable tabs via JavaScript (each tab needs to be activated individually):

```
$('#myTab a').on('click', function (e) {
   e.preventDefault()
   $(this).tab('show')
})
```

You can activate individual tabs in several ways:

```
$('#myTab a[href="#profile"]').tab('show') // Select tab by name
$('#myTab li:first-child a').tab('show') // Select first tab
$('#myTab li:last-child a').tab('show') // Select last tab
$('#myTab li:nth-child(3) a').tab('show') // Select third tab
```

### Fade effect

To make tabs fade in, add .fade to each .tab-pane. The first tab pane must also have .show to make the initial content visible.

### Methods

## Asynchronous methods and transitions

All API methods are **asynchronous** and start a **transition**. They return to the caller as soon as the transition is started but **before it ends**. In addition, a method call on a **transitioning component will be ignored**.

See our JavaScript documentation for more information.

#### \$().tab

Activates a tab element and content container. Tab should have either a datatarget or an href targeting a container node in the DOM.

```
Copy
<a class="nav-link active" id="home-tab" data-toggle="tab" href="#home"</pre>
role="tab" aria-controls="home" aria-selected="true">Home</a>
 <a class="nav-link" id="profile-tab" data-toggle="tab" href="#profile"</pre>
role="tab" aria-controls="profile" aria-selected="false">Profile</a>
  <a class="nav-link" id="messages-tab" data-toggle="tab" href="#messages"</pre>
role="tab" aria-controls="messages" aria-selected="false">Messages</a>
 <a class="nav-link" id="settings-tab" data-toggle="tab" href="#settings"</pre>
role="tab" aria-controls="settings" aria-selected="false">Settings</a>
 <div class="tab-content">
  <div class="tab-pane active" id="home" role="tabpanel" aria-labelledby="home-</pre>
tab">...</div>
 <div class="tab-pane" id="profile" role="tabpanel" aria-labelledby="profile-</pre>
tab">...</div>
  <div class="tab-pane" id="messages" role="tabpanel" aria-labelledby="messages-</pre>
 <div class="tab-pane" id="settings" role="tabpanel" aria-labelledby="settings-</pre>
tab">...</div>
</div>
<script>
 $(function () {
   $('#myTab li:last-child a').tab('show')
 })
</script>
```

### .tab('show')

Selects the given tab and shows its associated pane. Any other tab that was previously selected becomes unselected and its associated pane is hidden.

Returns to the caller before the tab pane has actually been shown (i.e. before the shown.bs.tab event occurs).

```
$('#someTab').tab('show')
```

Сору

### .tab('dispose')

Destroys an element's tab.

### **Events**

When showing a new tab, the events fire in the following order:

- 1. hide.bs.tab (on the current active tab)
- 2. show.bs.tab (on the to-be-shown tab)
- hidden.bs.tab (on the previous active tab, the same one as for the hide.bs.tab event)
- shown.bs.tab (on the newly-active just-shown tab, the same one as for the show.bs.tab event)

If no tab was already active, then the <a href="hide.bs.tab">hidden.bs.tab</a> events will not be fired.

Event Type	Description
show.bs.tab	This event fires on tab show, but before the new tab has been shown.  Use event.target and event.relatedTarget to target the active tab and the previous active tab (if available) respectively.
shown.bs.tab	This event fires on tab show after a tab has been shown. Use <pre>event.target and event.relatedTarget to target the active tab and the previous active tab (if available) respectively.</pre>
hide.bs.tab	This event fires when a new tab is to be shown (and thus the previous active tab is to be hidden). Use <pre>event.target</pre> and <pre>event.relatedTarget</pre> to target the current active tab and the new soon-to-be-active tab, respectively.
hidden.bs.tab	This event fires after a new tab is shown (and thus the previous active tab is hidden). Use event.target and event.relatedTarget to target the previous active tab and the new active tab, respectively.

```
$('a[data-toggle="tab"]').on('shown.bs.tab', function (e) {
   e.target // newly activated tab
   e.relatedTarget // previous active tab
})
```