

# Bootstrap Button Groups

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Bootstrap Button Groups allow you to group a series of buttons together on a single line with the buttons having an identical style. This is useful for creating toolbars or multi-button forms. Here's an overview of how to create and customize button groups in Bootstrap:

## Basic Button Group

To create a basic button group, use the `.btn-group` class along with buttons inside it:

```
<div class="btn-group" role="group" aria-label="Basic example">
  <button type="button" class="btn btn-primary">Left</button>
  <button type="button" class="btn btn-primary">Middle</button>
  <button type="button" class="btn btn-primary">Right</button>
</div>
```

## Sizing

You can use different size classes to make button groups larger or smaller. Use `.btn-group-lg` for large buttons and `.btn-group-sm` for small buttons:

```
<div class="btn-group btn-group-lg" role="group" aria-label="Large button group">
  <button type="button" class="btn btn-primary">Left</button>
  <button type="button" class="btn btn-primary">Middle</button>
  <button type="button" class="btn btn-primary">Right</button>
</div>
```

```
<div class="btn-group btn-group-sm" role="group" aria-label="Small button group">
  <button type="button" class="btn btn-primary">Left</button>
  <button type="button" class="btn btn-primary">Middle</button>
  <button type="button" class="btn btn-primary">Right</button>
</div>
```

## Vertical Button Group

To stack buttons vertically, use the `.btn-group-vertical` class:

```
<div class="btn-group-vertical" role="group" aria-label="Vertical button group">
  <button type="button" class="btn btn-primary">Button</button>
  <button type="button" class="btn btn-primary">Button</button>
  <button type="button" class="btn btn-primary">Button</button>
</div>
```

## Nesting

You can nest button groups within each other to create more complex layouts:

```
<div class="btn-group" role="group" aria-label="Button group with nested dropdown">
  <button type="button" class="btn btn-primary">1</button>
  <button type="button" class="btn btn-primary">2</button>

  <div class="btn-group" role="group">
    <button id="btnGroupDrop1" type="button" class="btn btn-primary dropdown-toggle"
      data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
      Dropdown
    </button>
    <div class="dropdown-menu" aria-labelledby="btnGroupDrop1">
      <a class="dropdown-item" href="#">Dropdown link</a>
      <a class="dropdown-item" href="#">Dropdown link</a>
    </div>
  </div>
</div>
```

## Justified Button Groups

To make a button group stretch to the full width of its parent, use `.btn-group` along with `.btn-group-justified`:

```
<div class="btn-group btn-group-justified" role="group" aria-label="Justified button
group">
  <a href="#" class="btn btn-primary" role="button">Left</a>
  <a href="#" class="btn btn-primary" role="button">Middle</a>
  <a href="#" class="btn btn-primary" role="button">Right</a>
</div>
```

## Examples in a Form

Button groups are also useful in forms, for example, as a group of radio buttons or checkboxes:

```
<div class="btn-group" role="group" aria-label="Basic radio toggle button group">  
  <input type="radio" class="btn-check" name="btnradio" id="btnradio1"  
  autocomplete="off" checked>  
  <label class="btn btn-outline-primary" for="btnradio1">Radio 1</label>  
  
  <input type="radio" class="btn-check" name="btnradio" id="btnradio2"  
  autocomplete="off">  
  <label class="btn btn-outline-primary" for="btnradio2">Radio 2</label>  
  
  <input type="radio" class="btn-check" name="btnradio" id="btnradio3"  
  autocomplete="off">  
  <label class="btn btn-outline-primary" for="btnradio3">Radio 3</label>  
</div>
```