

BOOTSTRAP

Table class

- A basic Bootstrap table has a light padding and only horizontal dividers.
- The .table class adds basic styling to a table:
- .table-striped
- .table-bordered
- .table-hover
- .table-condensed
- .table-responsive

```
<table class="table table-striped table-bordered table-hover table-  
condensed table-responsive">
```

```
<tr>
```

```
  <td>John</td>
```

```
  <td>Doe</td>
```

```
  <td>john@example.com</td>
```

```
</tr>
```

```
<tr>
```

```
  <td>Mary</td>
```

```
  <td>Moe</td>
```

```
  <td>mary@example.com</td>
```

```
</tr>
```

Table Contextual class

- This can be added to the <tr> and <td> elements of the Table class.

Class	Description
.active	Applies the hover color to the table row or table cell
.success	Indicates a successful or positive action
.info	Indicates a neutral informative change or action
.warning	Indicates a warning that might need attention
.danger	Indicates a dangerous or potentially negative action

```
<tr class="success">
  <td>Success</td>
  <td>Doe</td>
  <td>john@example.com</td>
</tr>
<tr class="danger">
  <td>Danger</td>
  <td>Moe</td>
  <td>mary@example.com</td>
</tr>
```

Image class

- Bootstrap Image classes have three shapes:
- Rounded Corners, Circle, Thumbnail.

Rounded Corners:



Circle:



Thumbnail:



```

```

```
class="img-circle"  
    = "img-rounded"  
    = "img-thumbnail"
```

Alert Class

- Bootstrap provides an easy way to create predefined alert messages
- Alerts are created with the `.alert` class, followed by one of the four contextual classes
- `.alert-success`
- `.alert-info`
- `.alert-warning`
- `.alert-danger`

`.alert-link`

`.alert-dismissible`


```
<div class="alert alert-info">
```

```
  <strong>Info!</strong> This alert box could indicate a  
neutral informative change or action.
```

```
</div>
```

```
<div class="alert alert-success alert-dismissible">
```

```
  <a href="#" class="close" data-dismiss="alert" aria-  
label="close">X</a>
```

```
  <strong>Success!</strong> Indicates a successful or positive action.  
</div>
```

Button Class

- Bootstrap provides seven styles of buttons:
- To achieve the button styles above, Bootstrap has the following contextual classes:
- .btn-default
- .btn-primary
- .btn-success
- .btn-info
- .btn-warning
- .btn-danger
- .btn-link

```
<button  
  type="button"  
  class="btn btn-success">  
  Apple</button>
```

```
<button type="button" class="btn btn-primary">  
Samsung</button>
```

```
<button type="button" class="btn btn-primary dropdown-toggle"  
  data-toggle="dropdown">
```

Sony

```
  <span class="caret"> </span>  
</button>
```

```
<ul class="dropdown-menu" role="menu">  
  <li><a href="#">Tablet</a></li>  
  <li><a href="#">Smartphone</a></li>  
</ul>
```

The span tag is **used for the grouping of inline elements** & this tag does not make any visual change by itself. span is very similar to the div tag, but div is a block-level tag and **span is an inline tag**.

Syntax: Some Text

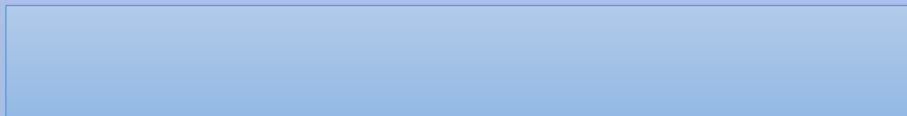
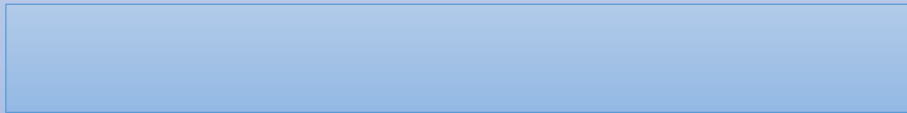
Attribute: This tag accept all the Global attribute and Event Attributes

Nesting Button Groups & Dropdown Menus

- Nest button groups to create dropdown menus:

Bootstrap Glyphicons

- Bootstrap Glyphicons:
- Bootstrap provides 260 glyphs from the Glyphicons Halflings set (<http://getbootstrap.com/components/>)
- Here are some examples of glyphs:



Envelope glyphicon: ✉

Print glyphicon: 🖨

Search glyphicon: 🔍

Download glyphicon: ⬇

<p>Envelope icon:

```
<span class="glyphicon glyphicon-envelope"> </span>  
</p>
```

<p>Envelope icon as a link:

```
<a href="#">  
  <span class="glyphicon glyphicon-envelope"> </span>  
</a>  
</p>
```


glyphicon-search

glyphicon-print

Bootstrap Badges

- Badges are numerical indicators of how many items are associated with a link:
- One can assign this badges to any HTML element.

Badges

News 5

Comments 10

Updates 2

```
<button type="button" class="btn btn-primary">
```

Primary

```
<span class="badge">7 </span>
```

```
</button>
```

Bootstrap Progress Bar

- A progress bar can be used to show a user how far along he/she is in a process.
- Bootstrap provides several types of progress bars.
- .progress, .progress-bar-success, .progress-bar-info, .progress-bar-warning, .progress-bar-danger, .progress-bar-striped, .active.

```
<div class="progress-bar"  
  role="progressbar"  
  aria-valuenow="70"  
  aria-valuemin="0"  
  aria-valuemax="100"  
  style="width:70%">  
</div>
```

```
<div class="progress-bar progress-bar-striped active"
role="progressbar"
aria-valuenow="40"
aria-valuemin="0"
aria-valuemax="100"
style="width:40%"> 40%

</div>
```

BreadCrumb

Indicate the current page's location within a navigational hierarchy that automatically adds separators via CSS.

```
<ul class="breadcrumb">  
  <li><a href="#">Home</a></li>  
  <li><a href="#">Private</a></li>  
  <li><a href="#">Pictures</a></li>  
  <li class="active">Vacation</li>  
</ul>
```


Bootstrap Carousel Plugin

- The Carousel plugin is a component for cycling through elements, like a carousel (slideshow).

Bootstrap Carousel Plugin

- Example Explained
- The outermost <div>:

Carousels require the use of an id (in this case id="myCarousel") for carousel controls to function properly.

The class="carousel" specifies that this <div> contains a carousel.

The .slide class adds a CSS transition and animation effect, which makes the items slide when showing a new item. Omit this class if you do not want this effect.

The data-ride="carousel" attribute tells Bootstrap to begin animating the carousel immediately when the page loads.

```
<div id="myCarousel" class="carousel slide" data-ride="carousel">
```

Bootstrap Carousel Plugin

- The "Indicators" part:
- The indicators are the little dots at the bottom of each slide (which indicates how many slides there are in the carousel, and which slide the user is currently viewing).
- The indicators are specified in an ordered list with class `.carousel-indicators`.
- The `data-target` attribute points to the id of the carousel.
- The `data-slide-to` attribute specifies which slide to go to, when clicking on the specific dot.

```
<!-- Indicators -->
```

```
<ol class="carousel-indicators">
```

```
<li data-target="#myCarousel" data-slide-to="0" class="active"></li>
```

```
<li data-target="#myCarousel" data-slide-to="1"></li>
```

```
<li data-target="#myCarousel" data-slide-to="2"></li>
```

```
<li data-target="#myCarousel" data-slide-to="3"></li>
```

```
</ol>
```

Bootstrap Carousel Plugin

- The "Wrapper for slides" part:
- The slides are specified in a `<div>` with class `.carousel-inner`.
- The content of each slide is defined in a `<div>` with class `.item`. This can be text or images.
- The `.active` class needs to be added to one of the slides. Otherwise, the carousel will not be visible.

```
<!-- Wrapper for slides -->
```

```
<div class="carousel-inner" role="listbox">
```

```
  <div class="item active">
```

```
    
```

```
  </div>
```

```
  <div class="item">
```

```
    
```

```
  </div>
```

Bootstrap Carousel Plugin

- The "Left and right controls" part:
- This code adds "left" and "right" buttons that allows the user to go back and forth between the slides manually.
- The data-slide attribute accepts the keywords "prev" or "next", which alters the slide position relative to its current position.

<!-- Left and right controls -->

```
<a class="left carousel-control" href="#myCarousel" role="button" data-slide="prev">
```

```
<span class="glyphicon glyphicon-chevron-left" aria-hidden="true">  
</span>
```

```
<span class="sr-only">Previous</span>
```

```
</a>
```

```
<a class="right carousel-control" href="#myCarousel" role="button" data-slide="next">
```

```
<span class="glyphicon glyphicon-chevron-right" aria-hidden="true">  
</span>
```

```
<span class="sr-only">Next</span>
```

```
</a>
```


Other Bootstrap Classes

- There are other bootstrap classes are also available like,
- Pagination, Pager, ListGroup, Panels, Dropdowns, Collapse, Tabs, NavBar (Navigation bar), and many more.
- You can explore these.