

04. BOOTSTRAP JS CAROUSEL.

4.1. The Carousel Classes

| Class | Description |
|--|---|
| <code>.carousel</code> | Creates a carousel |
| <code>.carousel-indicators</code> | Adds indicators for the carousel. These 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 are currently viewing) |
| <code>.carousel-inner</code> | Adds slides to the carousel |
| <code>.carousel-item</code> | Specifies the content of each slide |
| <code>.carousel-control-prev</code> | Adds a left (previous) button to the carousel, which allows the user to go back between the slides |
| <code>.carousel-control-next</code> | Adds a right (next) button to the carousel, which allows the user to go forward between the slides |
| <code>.carousel-control-prev-icon</code> | Used together with <code>.carousel-control-prev</code> to create a "previous" button |
| <code>.carousel-control-next-icon</code> | Used together with <code>.carousel-control-next</code> to create a "next" button |
| <code>.carousel-caption</code> | Specifies a caption for the carousel |
| <code>.slide</code> | Adds a CSS transition and animation effect when sliding from one item to the next. Remove this class if you do not want this effect |

4.2. Via data-* Attributes

The **data-ride="carousel"** attribute activates the carousel.

The **data-slide** and **data-slide-to** attributes specifies which slide to go to.

The data-slide attribute accepts two values: **prev** or **next**, while data-slide-to accept **numbers**.

Example:

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

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

<!-- Carousel Controls -->
<a class="carousel-control-prev" href="#myCarousel" data-slide="prev">
  <span class="carousel-control-prev-icon"></span>
</a>
```

4.3. Via JavaScript

Enable manually with:

Example:

```
// Activate Carousel
$("#myCarousel").carousel();

// Enable Carousel Indicators
$(".item").click(function() {
  $("#myCarousel").carousel(1);
});

// Enable Carousel Controls
$(".carousel-control-prev").click(function() {
  $("#myCarousel").carousel("prev");
});
```

4.4. Carousel Options

Options can be passed via data attributes or JavaScript. For data attributes, append the option name to data-, as in **data-interval=""**.

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| Name | Type | Default | Description |
|----------|----------------|---------|---|
| interval | number, or the | 5000 | Specifies the delay (in milliseconds) between each slide. |

| | | | |
|----------|------------------------------|---------|--|
| | boolean false | | Note: Set interval to false to stop the items from automatically sliding |
| keyboard | boolean | true | <p>Specifies whether the carousel should react to keyboard events:</p> <ul style="list-style-type: none"> • true - the carousel can be navigated (next and previous) with the keyboard left and right arrows • false - the carousel can NOT be navigated with the keyboard left and right arrows |
| pause | string, or the boolean false | "hover" | <p>Pauses the carousel from going through the next slide when the mouse pointer enters the carousel, and resumes the sliding when the mouse pointer leaves the carousel</p> <p>Note: Set pause to false to stop the ability to pause on hover</p> |
| wrap | boolean | true | <p>Specifies whether the carousel should go through all slides continuously, or stop at the last slide</p> <ul style="list-style-type: none"> • true - cycle continuously • false - stop at the last item |

4.5. Carousel Methods.

The following table lists all available carousel methods.

| Method | Description |
|----------------------|---|
| .carousel(options) | Activates the carousel with an option. See options above for valid values |
| .carousel("cycle") | Goes through the carousel items from left to right |
| .carousel("pause") | Stops the carousel from going through items |
| .carousel(number) | Goes to a specified item (zero-based: first item is 0, second item is 1, etc..) |
| .carousel("prev") | Goes to the previous item |
| .carousel("next") | Goes to the next item |
| .carousel("dispose") | Destroys a carousel |

4.6. Carousel Events.

The following table lists all available carousel events.

| Event | Description |
|-------------------|--|
| slide.bs.carousel | Occurs when the carousel is about to slide from one item to another |
| slid.bs.carousel | Occurs when the carousel has finished sliding from one item to another |

The slid and slide events also has additional properties:

| Property | Description |
|---------------|--|
| direction | Returns the direction the carousel is sliding (left or right) |
| relatedTarget | Returns the DOM element that is being slid into place as the active item |
| from | Returns the index of where the previous item came from, when moving on to the next one |
| to | Returns the index of the next item |