

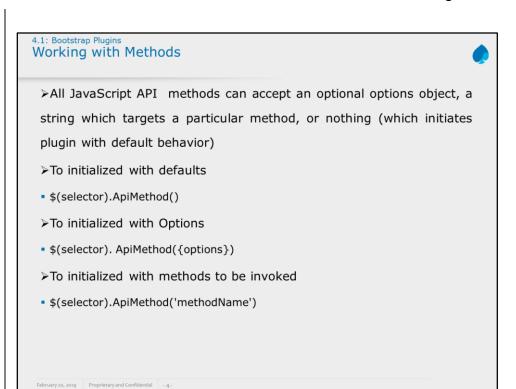
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# 4.1: Bootstrap Plugins Bootstrap jQuery Plugins



- > Bootstrap comes bundled with 12 jQuery plugins that extend the features and can add more interaction to your site.
- >Plugins can be included individually (using Bootstrap's individual \*.js files) or all at once (using bootstrap.js or the minified bootstrap.min.js).
- ➤Both bootstrap.js and bootstrap.min.js contain all plugins in a single file.
- >We can use all Bootstrap plugins either through the markup API using data-\* attributes without writing a single line of JavaScript or purely through the JavaScript API.
- ➤To disable data attribute API and access plug-ins through JavaScript API.
- Disable all plugins : \$(document).off('.data-api')
- Disable a specific plugin: \$(document).off('.alert.data-api')

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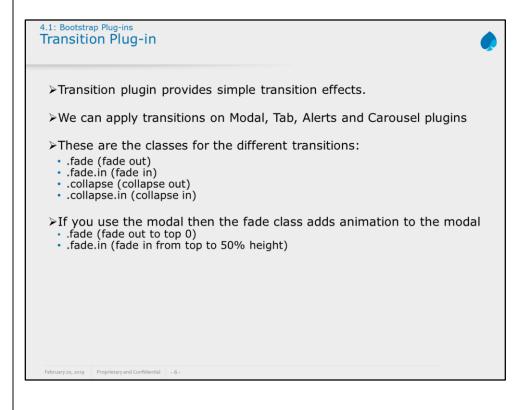
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# 4.1: Bootstrap Plugins Working with Events



- >Bootstrap provides custom events for most plugins' unique actions.
- >All Bootstrap events are namespaced i.e. <event>.bs.<component>
- eg: show.bs.modal
- >If (show) is triggered at the start of an event, its past participle form (shown) is triggered on the completion of an action.

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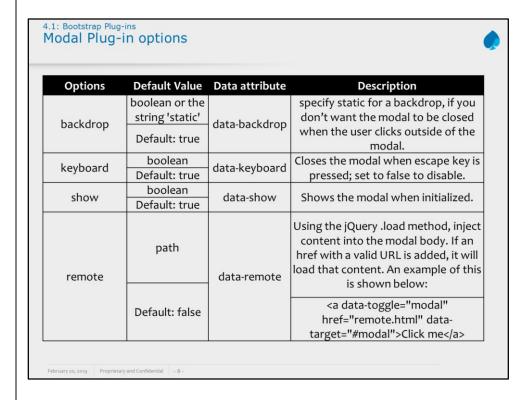
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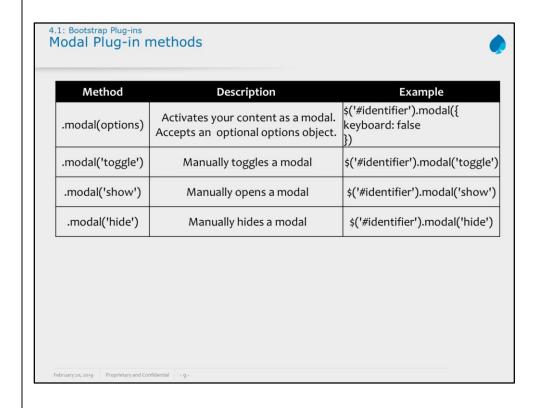
# 4.1: Bootstrap Plug-ins Modal Plug-in

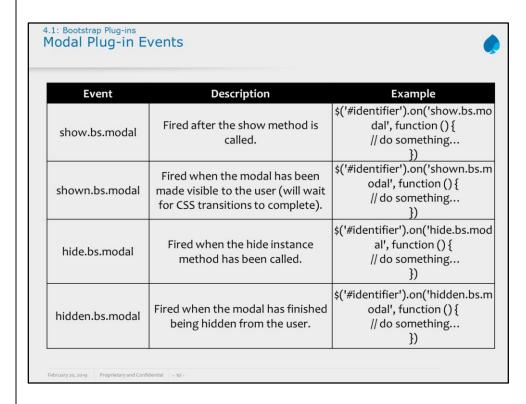


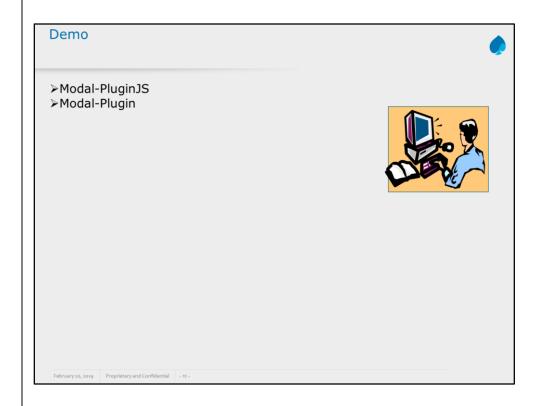
- ➤ A Modal dialog is a dialog that overlays the rest of the web page and take the control of page.
- A modal is a child window that is layered over its parent window.
- ➤To invoke the modal window, we can use a button or a link with datatoggle ="modal" along with a data-target="#identifier" or href="#identifier" to target a specific modal
- >There are 3 distinct parts inside a Modal: header, body and footer
- ≻To include this plugin functionality individually we need to use modal.js

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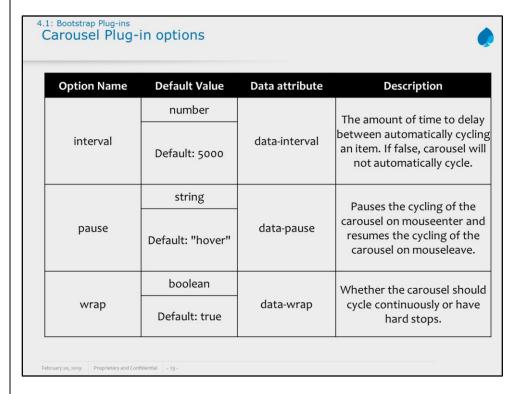
# 4.1: Bootstrap Plug-ins Carousel Plug-in



- >A Carousel gives you a picture Carousel that can cycle through a series of images.
- ➤ Carousel works best when all of the images have the same resolution
- ➤ Carousel can also have a caption inside of each item that typically consists of some header text and some additional text
- >We can set the interval to how frequently to swap the pictures
- >We can also control the carousel using user pause, previous and next buttons.
- ➤To include this plugin functionality individually we need carousel.js

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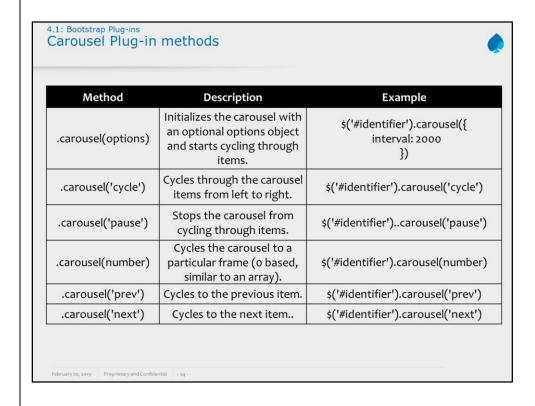


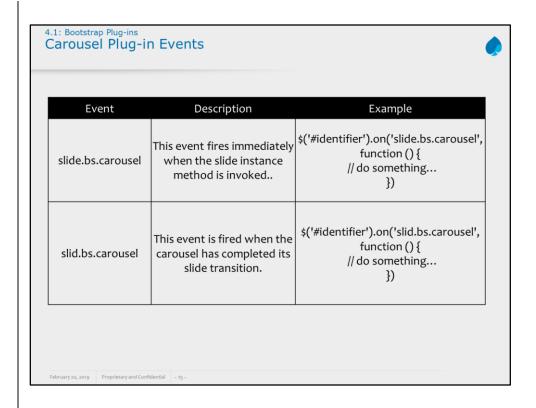
# As the Glyphicon support is dropped in Bootstrap version 4, please notice the change in code for showing next and previous arrows in slide for Carousel effect:

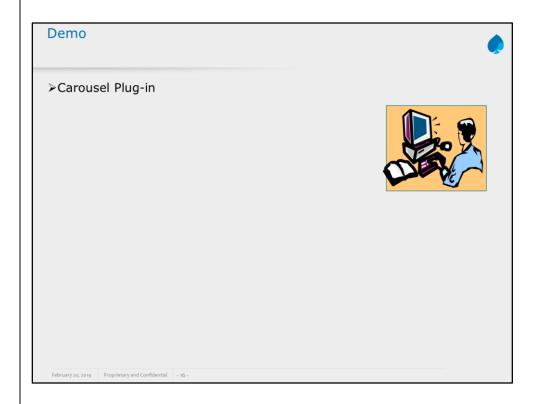
- <a href="#gallery-carousel" class="left carousel-control" data-slide="prev"> <span class="glyphicon glyphicon-chevron-left"> </span> </a>
- <a href="#gallery-carousel" class="right carousel-control" data-slide="next"> <span class="glyphicon glyphicon-chevron-right"></span> </a>

#### In Bootstrap 4:

- <a class="carousel-control-prev" href="#gallery-carousel" role="button" data-slide="prev">
- <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="sr-only">Previous</span></a>
- <a class="carousel-control-next" href="#gallery-carousel" role="button" data-slide="next">
- <span class="carousel-control-next-icon" aria-hidden="true"></span>
  <span class="sr-only">Next</span></a>







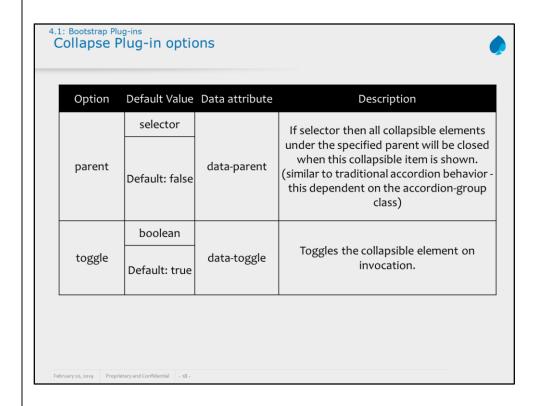
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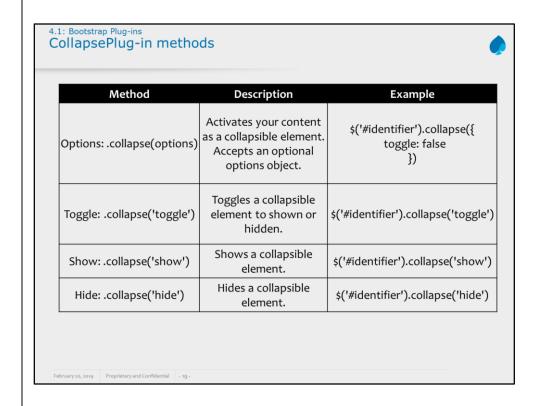
# 4.1: Bootstrap Plug-ins Collapse Plug-in

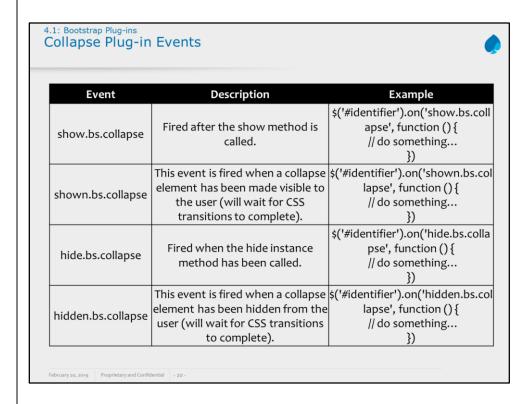


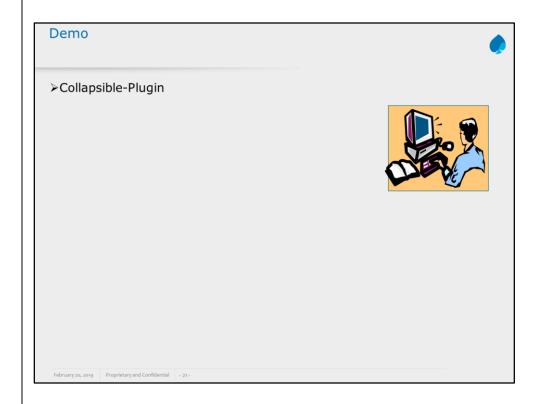
- Collapse plugin makes it easy to make collapsing divisions of the page.
- >It is used to create collapsible groups or accordion
- data-toggle="collapse" is added to the link on which we click to expand or collapse the component.
- href or a data-target attribute is added to the parent component, whose value is id of the child component.
- data-parent attribute is added to is added for creating accordion like effect.
- .collapse class is used to hide the content and .show class is used to show the content
- >To include this plugin functionality individually we need to use collapse.js

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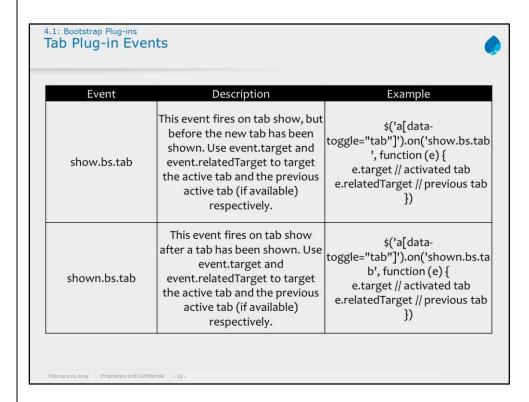
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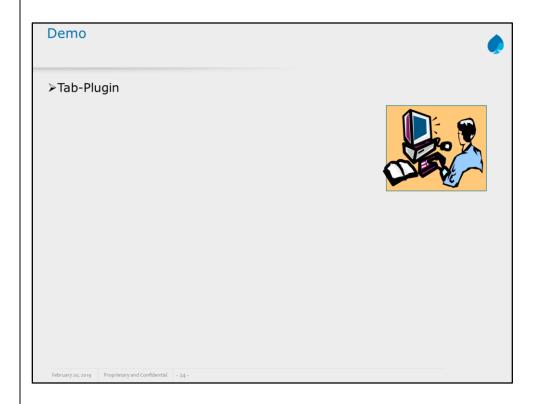
# 4.1: Bootstrap Plug-ins Tab Plug-in



- ➤ Tabs are used to arrange a navigational menu with links to other pages or sections of the site.
- >Using Tab plugin, we can transition through panes of local content in tabs or pills
- Adding the .nav and .nav-tabs classes to the tab ul will apply the Bootstrap tab styling, while adding the .nav and .nav-pills classes will apply pill styling.
- >.tab() method activates a tab element and content container. Tab should have either a data-target or an href targeting a container node in the DOM.
- >To include this plugin functionality individually we need tab.js

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# 4.1: Bootstrap Plug-ins Tooltip Plug-in



- >The Tooltip component can be used to display small pop-up box that appears when the user moves the mouse pointer over an element.
- Add the data-toggle="tooltip" attribute to an element, to create a tooltip. Use the *title* attribute to specify the text that should be displayed inside the tooltip.
- ➤To display Tooltip in four directions such as top, bottom, left or right side by use the *data-placement* attribute on the element

Tooltips are not CSS-only plugins, and must therefore be initialized with jQuery: select the specified element and call the tooltip() method.

> To include this plugin functionality individually we need tooltip.js

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