Differences Between Bootstrap 3 and Bootstrap 4

Bootstrap 4 brought some major changes. Adding new components, scrapping others. Here's the difference between Bootstrap v3 and v4 (alpha).

> Note that Bootstrap 4 is currently in alpha release. This list will be reviewed as the development progresses.

Component	Bootstrap 3	Bootstrap 4
Global		
Source CSS Files	LESS	SCSS
Primary CSS Unit	`px`	`rem`
Media Queries Unit	`px`	`em`
Global Font Size	`14px`	`16px`
Grids		
Grid Tiers	4 tier grid system (http://www.quackit.com/bootstrap/bootstrap_3/tutorial/bootstrap_grid_system.cfm) (xs, sm, md, lg)	5 tier grid system (http://www.quackit.com/bootstrap/bootstra... (xs, sm, md, lg, xl).
Offsetting Columns	Uses `col-*-offset-*` classes to offset columns. For example, `col-md-offset-4`.	Uses `offset-*-*` classes to off... `offset-md-4`.
Tables		
Inverse Tables	Not supported.	Added inverse tables with the `.t...`
Table Head Styles	Not supported.	Added table head styles with the `.thead-inverse` classes.
Condensed Tables	`.table-condensed`	`.table-sm`
Contextual Classes	Bootstrap 3 (http://www.quackit.com/bootstrap/bootstrap_3/tutorial/bootstrap_tables.cfm) doesn't use the `.table-` prefix for its contextual classes. For example, Bootstrap 3 uses `.active` whereas Bootstrap 4 uses `.table-active`. Other than that, both versions use the same 5 contextual keywords (active, success, info, warning, danger).	Added the `.table-` prefix for its...

Component	Bootstrap 3	Bootstrap 4
Responsive Tables	The `.responsive-table` class must be added to a parent `<div>` (http://www.quackit.com/html/tags/html_div_tag.cfm) element.	Can add `.responsive-table` to (http://www.quackit.com/html/tags/html_tab
Reflow Tables	Not supported.	Added reflow tables with the `.t`
Forms		
Horizontal Forms	Horizontal forms require the `.form-horizontal` class. Forms don't require `.row` when using grids (although this class is still a requirement on Bootstrap 3 grids (http://www.quackit.com/bootstrap/bootstrap_3/tutorial/bootstrap_grid_system.cfm) in general).	Bootstrap 4 dropped the `.form-` longer needed to display horizor Forms require the `.row` class w
	Use `.control-label` when using grids for form layout.	Bootstrap 4 uses `.col-form-la` form layout. * Note that Bootstrap 4 initially u but subesquently changed this t
Checkboxes and Radio Buttons	Uses `.radio`, `.radio-inline`, `.checkbox`, or `.checkbox-inline` to display checkboxes and radio buttons.	Uses `.form-check`, `.form-che` `input`, and `.form-check-inli`
Form Control Size	Use `.input-lg` and `.input-sm` to increase or decrease the size of an input control.	Use `.form-control-lg` and `.f` or decrease the size of an input c
Help Text	Use the `.help-block` class to display help text.	Bootstrap 4 uses the `.form-tex` ~~Bootstrap 4 forms don't have an~~ ~~Instead, the~~ `.text-muted` ~~class~~ ~~flexibility.~~
Validation and Feedback Icons	The `.form-control-*` classes are not available in Bootstrap 3. To present icons on the input fields using Bootstrap 3, you need to use glyphicons (http://www.quackit.com/bootstrap/bootstrap_3/tutorial/bootstrap_glyphicons.cfm).	Dropped the `.has-feedback` cl with the introduction of the `.fo`
Legends	No classes for styling the form legends.	Provides the option of using `.co` `<legend>` (http://www.quackit.com/htm to style it more like a label.
Custom Forms	Not supported.	Bootstrap 4 introduced custom (http://www.quackit.com/bootstrap/bootstra — completely custom form elem defaults.
Buttons		

Component	Bootstrap 3	Bootstrap 4
Semantic Styles	Includes the `.btn-default` and `.btn-info` classes. The `.btn-secondary` class isn't available in Bootstrap 3.	Introduced the `.btn-secondary` Dropped the `.btn-default` cla Note that the `.btn-info` class Bootstrap 4 but it has reappear
Outline Buttons	Not supported.	Introduced the `.btn-outline-` with an outline color. ~~Introduced the `.btn-*-outline`~~ ~~with an outline color.~~ (The `.btn-*-outline` classes b Alpha 3).
Button Sizes	The `.btn-xs` class is available.	Dropped the `.btn-xs` class (on available now).
Images		
Responsive Images	Use `.img-responsive` class.	Use `.img-fluid` class.
Image Alignment	Use `.pull-right`, `.pull-left`, and `.center-block` helper classes.	Uses `.m-x-auto` instead of `.ce` level images. Can also use the various `.pull-` responsive helper classes, as we `.text-*-center`, and `.text-*` image's parent. Can use the various `.pull-*-no`
Dropdowns		
Structure	Apply dropdowns to lists (i.e. using `<ul>` (http://www.quackit.com/html/tags/html_ul_tag.cfm) and `<li>` (http://www.quackit.com/html/tags/html_li_tag.cfm)).	Dropdowns can be built with `<u` (http://www.quackit.com/html/tags/html_ul_ (http://www.quackit.com/html/tags/html_div Apply the `.dropdown-item` to a (http://www.quackit.com/html/tags/html_a_t (http://www.quackit.com/html/tags/html_bu them all in a `<div>` (http://www.qua `<ul>` (http://www.quackit.com/html/tags/ `.dropdown-menu` class applied.
Menu Headers	Apply `.dropdown-header` to the `<li>` (http://www.quackit.com/html/tags/html_li_tag.cfm) tag.	Apply `.dropdown-header` to `<h` (http://www.quackit.com/html/tags/html_h1_ (http://www.quackit.com/html/tags/html_h2_ longer uses `<li>` (http://www.quacki to build dropdowns).

Component	Bootstrap 3	Bootstrap 4
Dividers	Apply the `.divider` class to the `<li>` (http://www.quackit.com/html/tags/html_li_tag.cfm) element (because it used lists to build dropdowns).	Apply the `.dropdown-divider` (http://www.quackit.com/html/tags/html_div
Disabled Menu Items	Apply the `.disabled` class to the `<li>` (http://www.quackit.com/html/tags/html_li_tag.cfm) element.	Apply the `.disabled` class to th (http://www.quackit.com/html/tags/html_a_
Button Groups		
Justified?	Supports justified button groups (via the `.btn-group-justified` class).	Not supported.
Extra Small?	Supports extra small button groups (via the `.btn-group-xs` class).	Not supported (dropped the `.b`
Navs		
Inline Navs	There is no `.nav-inline` class.	Can use the `.nav-inline` class displayed inline.
Navbars		
Colors	Limited (preset) color options. Supports inverse navbars but not the other classes.	New (preset) color options. Intro well as the `.navbar-light` and
Navbar Alignment	Use `.navbar-right`, `.navbar-left` to align components within the navbar.	Use the various `.pull-*-right` responsive helper classes. Can also use the various `.pull-` floating.
Navbar Forms	Add the `.navbar-form` class to forms within navbars.	Bootstrap 4 dropped the `.navb` necessary.
Pagination		
Default Pagination	Only requires `.pagination` to be added (to the `<ul>` (http://www.quackit.com/html/tags/html_ul_tag.cfm) element that represents the list of pages).	Must also add `.page-item` to e (http://www.quackit.com/html/tags/html_li_ `link` to each `<a>` (http://www.quack element.
Pagers	Uses `.previous` and `.next` for aligning pagers.	Pagers have been dropped in Bo Uses ~~`.pager-prev`~~ ~~and~~ ~~`.pager`~~
Labels		

Component	Bootstrap 3	Bootstrap 4
Pill Labels	The `.label-pill` class is not available. However, Bootstrap 3 does have badges (http://www.quackit.com/bootstrap/bootstrap_3/tutorial/bootstrap_badges.cfm) (which achieves a similar visual effect). Badges were dropped in Bootstrap 4.	Labels have been replaced by ta~~ Tags can use the `.tag-pill` for~~ ~~Introduced the~~ `.label-pill` ~~cl~~ ~~more rounded.~~
Tags		
Supported?	No. "Tags" are called "Labels" in Bootstrap 3 (i.e. they use the `.label` class).	Yes. The `.tag` class was introduced replace the `.label` class. This was done to disambiguate (http://www.quackit.com/html/tags/html_lab
Jumbotron		
Full-Width	The `.jumbotron-fluid` class is not required on full-width jumbotrons.	Introduced the `.jumbotron-flu` jumbotrons.
Progress Bars		
Uses `<progress>` (http://www.quackit.com/html/tags/html_progress_tag.cfm)**?**	Doesn't use the `<progress>` (http://www.quackit.com/html/tags/html_progress_tag.cfm) for progress bars. Instead, applies progress bar classes to nested `<div>` (http://www.quackit.com/html/tags/html_div_tag.cfm) elements.	Uses the HTML5 `<progress>` (http://www.quackit.com/html/tags/html_pro working with progress bars.
Glyphicons		
Supported?	Supported.	Not supported.
Typography		
Blockquotes	Bootstrap styles are applied to the `<blockquote>` (http://www.quackit.com/html/tags/html_blockquote_tag.cfm) element by default.	Introduced the `.blockquote` cl `<blockquote>` (http://www.quackit.co element (i.e. styling this element
Page Headers	The `.page-header` class is supported.	The `.page-header` class is not s
Description Lists	The `.dl-horizontal` class does not require grid classes.	The `.dl-horizontal` class requ
Non-Responsive Usage		
Supported?	Supported. You can specify a layout to be non-responsive.	Not supported.
List Groups		

Component	Bootstrap 3	Bootstrap 4
Linked List Items / Button List Items	Apply `.list-group-item` to the `<a>` (http://www.quackit.com/html/tags/html_a_tag.cfm) element.	Apply `.list-group-item-acti` (http://www.quackit.com/html/tags/html_a_t
Cards		
Supported?	Not supported.	Introduced in Bootstrap 4. Cards was previously provided by pane (http://www.quackit.com/bootstrap/bootstra wells (http://www.quackit.com/bootstrap/b and thumbnails (http://www.quackit.com/bootstrap/bootstra
Panels		
Supported?	Supported.	Not supported. Use cards instea
Wells		
Supported?	Supported.	Not supported. Use cards instea
Thumbnails		
Supported?	Supported.	Not supported. Use cards instea
Breadcrumbs		
Classes	Uses the `.breadcrumb` class against the `<ul>` (http://www.quackit.com/html/tags/html_ul_tag.cfm) tag.	Also requires `.breadcrumb-ite` `<li>` (http://www.quackit.com/html/tags/ make up the breadcrumb.
Carousels		
Carousel Item	Use `.item` class.	Use `.carousel-item` class.
Affix		
Supported?	Yes.	No.

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