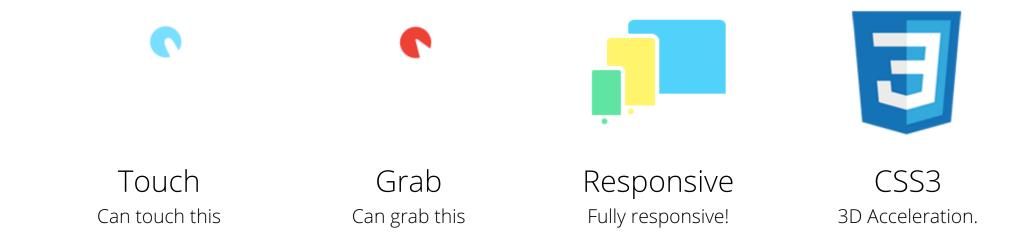# OWL Carousel

Touch enabled jQuery plugin that lets you create beautiful responsive carousel slider.

Download for FREE (owl.carousel.zip)

Github (https://github.com/OwlFonk/OwlCarousel) / v1.3.2 / Changelog (changelog.html)

New version 2.0.0-beta now available for testers. Check it (http://www.owlgraphic.com/owlcarousel2/)

Demo

Touch

Can touch this

Grab

Can grab this

Responsive

Fully responsive!

CSS3

3D Acceleration.

More Demos

Awesome!

Check more demos here! See what Owl can do.

Images

(demos/images.html)

Custom

(demos/custom.html)

Custom 2

(demos/itemsCustom.html)

One Slide

(demos/one.html)

JSON

JSON Custom

Lazy Load

Auto Height

(demos/json.html)   (demos/customJson.html)   (demos/lazyLoad.html)   (demos/autoHeight.html)

Hey wanna see more demos?

- Click events inside items (demos/click.html)
- Randomize items and buttons outside slider. (demos/randomOrder.html)
- Navigation on top by custom events (demos/navOnTop.html)
- Navigation on top by afterInit callback (demos/navOnTop2.html)
- Progress Bar (demos/progressBar.html)
- CSS3 Transitions (demos/transitions.html)
- Content manipulations: destroy, reinit, addItem, removeItem (demos/manipulations.html)
- Auto scale up comparsion demo (demos/scaleup.html)
- Synced Owls (demos/sync.html)
- How to retrieve basic information from plugin (current, prev, all items, visible items etc.) (demos/owlStatus.html)

How To Use

1. Load jQuery and include Owl Carousel plugin files

To use Owl Carousel, you'll need to make sure both the Owl and jQuery 1.7 or higher scripts are included.

```
1.    <!-- Important Owl stylesheet -->
2.    <link rel="stylesheet" href="owl-carousel/owl.carousel.css">
3.
4.    <!-- Default Theme -->
5.    <link rel="stylesheet" href="owl-carousel/owl.theme.css">
6.
7.    <!--  jQuery 1.7+  -->
8.    <script src="jquery-1.9.1.min.js"></script>
9.
10.   <!-- Include js plugin -->
11.   <script src="assets/owl-carousel/owl.carousel.js"></script>
```

2. Set up your HTML

You don't need any special markup. All you need is to wrap your divs(owl works with any type element) inside the container element <div class="owl-carousel">. Class "owl-carousel" is mandatory to apply proper styles that come from owl.carousel.css file.

```
1.    <div id="owl-example" class="owl-carousel">
2.      <div> Your Content </div>
3.      <div> Your Content </div>
4.      <div> Your Content </div>
5.      <div> Your Content </div>
6.      <div> Your Content </div>
7.      <div> Your Content </div>
8.      <div> Your Content </div>
9.      ...
10.   </div>
```

3. Call the plugin

Now call the Owl initializer function and your carousel is ready.

```
1.  $(document).ready(function() {
2.
3.      $("#owl-example").owlCarousel();
4.
5.  });
```

Customizing

1. Options

All of the options below are available to customize Owl Carousel.

Variable	Default	Type	Description
items	5	int	This variable allows you to set the maximum amount of items displayed at a time with the widest browser width
itemsDesktop	[1199,4]	array	This allows you to preset the number of slides visible with a particular browser width. The format is [x,y] whereby x=browser width and y=number of slides displayed. For example [1199,4] means that if(window<=1199){ show 4 slides per page} Alternatively use `itemsDesktop: false` to override these settings. Check my Custom Demo (demos/custom.html)
itemsDesktopSmall	[979,3]	array	As above.
itemsTablet	[768,2]	array	As above.
itemsTabletSmall	false	array	As above. Default value is disabled.
itemsMobile	[479,1]	array	As above
itemsCustom	false	array	This allow you to add custom variations of items depending from the width If this option is set, itemsDeskop,

itemsDesktopSmall, itemsTablet, itemsMobile etc. are disabled
For better preview, order the arrays by screen size, but it's not mandatory Don't forget to include the lowest available screen size, otherwise it will take the default one for screens lower than lowest available.
Example:
[[0, 2], [400, 4], [700, 6], [1000, 8], [1200, 10], [1600, 16]]
For more information about structure of the internal arrays see itemsDesktop. Check my Custom Demo (demos/custom.html)

singleItem	false	boolean	Display only one item. See demo (demos/one.html)
itemsScaleUp	false	boolean	Option to not stretch items when it is less than the supplied items. See demo (demos/scaleup.html)
slideSpeed	200	int	Slide speed in milliseconds
paginationSpeed	800	int	Pagination speed in milliseconds
rewindSpeed	1000	int	Rewind speed in milliseconds
autoPlay	false	int/boolean	Change to any integrer for example `autoPlay : 5000` to play every 5 seconds. If you set `autoPlay: true` default speed will be 5 seconds.
stopOnHover	false	boolean	Stop autoplay on mouse hover
navigation	false	boolean	Display "next" and "prev" buttons.
navigationText	["prev","next"]	array	You can cusomize your own text for navigation. To get empty buttons use `navigationText : false`. Also HTML can be used here
rewindNav	true	boolean	Slide to first item. Use `rewindSpeed` to change animation speed.
scrollPerPage	false	boolean	Scroll per page not per item. This affect next/prev buttons and mouse/touch dragging.
pagination	true	boolean	Show pagination.
paginationNumbers	false	boolean	Show numbers inside pagination buttons

responsive	true	boolean	You can use Owl Carousel on desktop-only websites too! Just change that to "false" to disable resposive capabilities
responsiveRefreshRate	200	int	Check for responsive action.
responsiveBaseWidth	window	jQuery selector	Owl Carousel check window for browser width changes. You can use any other jQuery element to check width changes for example ".owl-demo". Owl will change only if ".owl-demo" get new width.
baseClass	"owl-carousel"	string	Automaticly added class for base CSS styles. Best not to change it if you don't need to.
theme	"owl-theme"	string	Default Owl CSS styles for navigation and buttons. Change it to match your own theme
lazyLoad	false	boolean	Delays loading of images. Images outside of viewport won't be loaded before user scrolls to them. Great for mobile devices to speed up page loadings. IMG need special markup `class="lazyOwl"` and `data-src="your img path"`. See example. (demos/lazyLoad.html)
lazyFollow	true	boolean	When pagination used, it skips loading the images from pages that got skipped. It only loads the images that get displayed in viewport. If set to false, all images get loaded when pagination used. It is a sub setting of the lazy load function.
lazyEffect	"fade"	boolean / string	Default is fadeIn on 400ms speed. Use false to remove that effect.
autoHeight	false	boolean	Add height to owl-wrapper-outer so you can use diffrent heights on slides. Use it only for one item per page setting.
jsonPath	false	string	Allows you to load directly from a jSon file. The JSON structure you use needs to match the owl JSON structure used here. To use custom JSON structure see jsonSuccess option.
jsonSuccess	false	function	Success callback for $.getJSON build in into carousel. See demo with custom JSON structure here (demos/customJson.html).

dragBeforeAnimFinish	true	boolean	Ignore whether a transition is done or not (only dragging).
mouseDrag	true	boolean	Turn off/on mouse events.
touchDrag	true	boolean	Turn off/on touch events.
addClassActive	false	boolean	Add "active" classes on visible items. Works with any numbers of items on screen.
transitionStyle	false	string	Add CSS3 transition style. Works only with one item on screen. See Demo (demos/transitions.html)

2. Callbacks

Variable	**Default**	**Type**	**Description**
beforeUpdate	false	function	Before responsive update callback
afterUpdate	false	function	After responsive update callback
beforeInit	false	function	Before initialization callback
afterInit	false	function	After initialization callback
beforeMove	false	function	Before move callback
afterMove	false	function	After move callback
afterAction	false	function	After startup, move and update callback
startDragging	false	function	Call this function while dragging.
afterLazyLoad	false	function	Call this function after lazyLoad.

3. Defaults

Carousel default settings

```
1.  $("#owl-example").owlCarousel({
2.
3.      // Most important owl features
```

```
4.          items : 5,
5.          itemsCustom : false,
6.          itemsDesktop : [1199,4],
7.          itemsDesktopSmall : [980,3],
8.          itemsTablet: [768,2],
9.          itemsTabletSmall: false,
10.         itemsMobile : [479,1],
11.         singleItem : false,
12.         itemsScaleUp : false,
13.
14.         //Basic Speeds
15.         slideSpeed : 200,
16.         paginationSpeed : 800,
17.         rewindSpeed : 1000,
18.
19.         //Autoplay
20.         autoPlay : false,
21.         stopOnHover : false,
22.
23.         // Navigation
24.         navigation : false,
25.         navigationText : ["prev","next"],
26.         rewindNav : true,
27.         scrollPerPage : false,
28.
29.         //Pagination
30.         pagination : true,
31.         paginationNumbers: false,
32.
33.         // Responsive
34.         responsive: true,
35.         responsiveRefreshRate : 200,
36.         responsiveBaseWidth: window,
37.
38.         // CSS Styles
39.         baseClass : "owl-carousel",
40.         theme : "owl-theme",
41.
42.         //Lazy load
43.         lazyLoad : false,
44.         lazyFollow : true,
45.         lazyEffect : "fade",
46.
47.         //Auto height
48.         autoHeight : false,
49.
50.         //JSON
```

```
51.        jsonPath : false,
52.        jsonSuccess : false,
53.
54.        //Mouse Events
55.        dragBeforeAnimFinish : true,
56.        mouseDrag : true,
57.        touchDrag : true,
58.
59.        //Transitions
60.        transitionStyle : false,
61.
62.        // Other
63.        addClassActive : false,
64.
65.        //Callbacks
66.        beforeUpdate : false,
67.        afterUpdate : false,
68.        beforeInit: false,
69.        afterInit: false,
70.        beforeMove: false,
71.        afterMove: false,
72.        afterAction: false,
73.        startDragging : false
74.        afterLazyLoad : false
75.
76.    })
```

4. Custom Events

Owl Carousel handles a few basic events. Mainly use them for custom navigation. See Demo (demos/custom.html)

```
1.    "owl.prev" //Go to previous
2.    "owl.next" //Go to next
3.    "owl.play" //Autoplay, also this event accept autoPlay speed as second parameter
4.    "owl.stop" //Stop
5.    "owl.goTo" //goTo provided item
6.    "owl.jumpTo" //jumpTo provided item. Without slide animation.
```

5. Owl Data methods

To use Owl Carousel $.data use delegate function.

```
 1.
 2.    //Initialize Plugin
 3.    $(".owl-carousel").owlCarousel()
 4.
 5.    //get carousel instance data and store it in variable owl
 6.    var owl = $(".owl-carousel").data('owlCarousel');
 7.
 8.    //Public methods
 9.    owl.next()    // Go to next slide
10.    owl.prev()    // Go to previous slide
11.    owl.goTo(x)  // Go to x slide
12.    owl.jumpTo(x)  // Go to x slide without slide animation
13.
14.    //Auto Play
15.    owl.play() // Autoplay
16.    owl.stop() // Autoplay Stop
17.
18.    //Manipulation methods. See demo. (demos/manipulations.html)
19.    owl.addItem(htmlString [,targetPosition])
20.    owl.removeItem(targetPosition)
21.    owl.destroy()
22.    owl.reinit(newOptions)
```

FAQ

Can i use it for free?

  Yes!

Can i use it for ecommerce?

  Yes!

Has it any licence?

  MIT

Can i ask for a new functionality?

Yes! Use Github (https://github.com/OwlFonk/OwlCarousel)

I need help!

Send me an email (mailto:owl@owlgraphic.com?subject=Hey Owl! I need help), visit Github
(https://github.com/OwlFonk/OwlCarousel) or add comment below.
Don't forget to add link to your demo/example website!

Does it has infinity scroll/circle/loop slides?

Only new version 2.x.x has it. Check it (http://www.owlgraphic.com/owlcarousel2/)

What's new in latest release?

See Changelog (changelog.html)

Disqus

comments powered by Disqus (http://disqus.com)