## [Download the Cycle Plugin](http://jquery.malsup.com/cycle/download.html)

jQuery Cycle Plugin - Option Reference<http://t.co/BXqnAUom> #Software #Webdesign

# Overview

The jQuery Cycle Plugin is a slideshow plugin that supports many different types of transition effects. It supports pause-on-hover, auto-stop, auto-fit, before/after callbacks, click triggers and much more. It also supports, but does not require, the [Easing Plugin](http://gsgd.co.uk/sandbox/jquery.easing.php).

# How it Works

The plugin provides a method called cycle which is invoked on a container element. Each child element of the container becomes a "slide". Options control how and when the slides are transitioned.

# Demos

|  |  |  |
| --- | --- | --- |
| shuffle http://64.19.142.13/cloud.github.com/downloads/malsup/cycle/beach3.jpg | zoom http://64.19.142.12/cloud.github.com/downloads/malsup/cycle/beach2.jpg | fade http://64.19.142.12/cloud.github.com/downloads/malsup/cycle/beach2.jpg |
| turnDown http://64.19.142.13/cloud.github.com/downloads/malsup/cycle/beach3.jpg | curtainX http://64.19.142.12/cloud.github.com/downloads/malsup/cycle/beach2.jpg | scrollRight (click) http://64.19.142.11/cloud.github.com/downloads/malsup/cycle/beach1.jpg |

Images are used in these demos because they look cool, but slideshows are not limited to images. You can use any element you want.

# Browse Effects

Use the [Effects Browser](http://jquery.malsup.com/cycle/browser.html) page to preview the available effects.

# See More Demos and Examples

* [Super Basic Demo](http://jquery.malsup.com/cycle/basic.html) (view source for details)
* [Beginner Demos](http://jquery.malsup.com/cycle/begin.html)
* [Intermediate Demos (Part 1)](http://jquery.malsup.com/cycle/int.html)
* [Intermediate Demos (Part 2)](http://jquery.malsup.com/cycle/int2.html)
* [Advanced Demos (Part 1)](http://jquery.malsup.com/cycle/adv.html)
* [Advanced Demos (Part 2)](http://jquery.malsup.com/cycle/adv2.html)
* [Even More Demos](http://jquery.malsup.com/cycle/more.html?v2.23) (lots of additinal demos can be found here)

# Options

The Cycle Plugin provides many options for customizing your slideshow. The default option values can be overridden by passing an option object to the cycle method, by using metadata on the container element, or by redefining the values in your own code.

For more about options, see the [Options Reference](http://jquery.malsup.com/cycle/options.html) page.

# FAQ

[Frequently Asked Questions](http://jquery.malsup.com/cycle/faq.html)

# Acknowledgements

Special thanks to [Torsten Baldes](http://medienfreunde.com/lab/innerfade/), Matt Oakes, and [Ben Sterling](http://www.benjaminsterling.com/) for the many ideas that got me started on writing Cycle in 2007.

**Click Transitions - *prev* and *next***

Rather than have transitions occur on a timer you can choose to have transitions occur in response to a click event. The prev and next options are used to identify the elements which should be the triggers for prev/next transitions. When used in conjuction with timeout = 0 the effect is a manual slideshow. The values for prev and next can be a DOM element or any valid jQuery selection string.

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| **Next**  http://64.19.142.11/cloud.github.com/downloads/malsup/cycle/beach1.jpg  (Click on image for next slide)  $('#s1').cycle({      fx:     'slideY',      speed:  300,      next:   '#s1',      timeout: 0  }); | **Prev/Next**  http://64.19.142.11/cloud.github.com/downloads/malsup/cycle/beach1.jpg  [Prev](http://jquery.malsup.com/cycle/int2.html) [Next](http://jquery.malsup.com/cycle/int2.html)  $('#s2').cycle({      fx:     'fade',      speed:  'fast',      timeout: 0,      next:   '#next2',      prev:   '#prev2'  }); |

**More Click Transitions - *timeout* and *pager***

You can combine an automatic slideshow (timeout-based) with manual controls by using a non-zero timeout value. The next slideshow (below, left) is setup to perform auto-transitions every 3 seconds, pause-on-hover, and perform a manual advance when the image is clicked.

The pager option is used for creating full navigation controls. This option instructs the plugin to create navigation elements, one for each slide, and add them to the container identified by the value of the pager option.

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| **Manual and Auto Advance**  (hover to pause, click to advance)  http://64.19.142.12/cloud.github.com/downloads/malsup/cycle/beach2.jpg  $('#s3').cycle({      fx:     'fade',      speed:   300,      timeout: 3000,      next:   '#s3',      pause:   1  }); | **Pager**  [12345678](http://jquery.malsup.com/cycle/int2.html)  http://64.19.142.11/cloud.github.com/downloads/malsup/cycle/beach1.jpg  $('#s4')  .before('<div id="nav">')  .cycle({      fx:     'turnDown',      speed:  'fast',      timeout: 0,      pager:  '#nav'  }); |

When using the pager option, the generated navigation elements are simply anchors. So if you set the pager option like so:  
pager: '#nav'  
you can style the anchors like this:  
#nav a { background-color: #fc0 }

In addition, the navigation element for the *active* slide is given the class activeSlide so that it can be styled uniquely.

The pager in the example above is styled like this:

#nav a { border: 1px solid #ccc; background: #fc0; text-decoration: none; margin: 0 5px; padding: 3px 5px; }

#nav a.activeSlide { background: #ea0 }

#nav a:focus { outline: none; }

**Stopping a Slideshow**

If you need to stop a running slideshow you can pass the string 'stop' to the cycle method.

$('#slideshow').cycle('stop');

**Manually Pausing a Slideshow**

If you need to pause/resume a running slideshow you can pass the string 'pause' or 'resume' to the cycle method.

$('#slideshow').cycle('pause');

**Callbacks**

Before and after callbacks are supported for each slide transition. Within the context of your callback method, this is the element that is transitioning in. The before option specifies the name of the callback function to be invoked immediately before a slide transition. The after option specifies the name of the callback method to be invoked at the end of a slide transition.

The before and after callback methods are passed three arguments:

1. the DOM element for the slide that is being transitioned ***in*** (same as *this*)
2. the DOM element for the slide that is being transitioned ***out***
3. the options object

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| Panama City Beach, FLDanny looking for sharks!  $('#s5').cycle({      fx:     'scrollLeft',      timeout: 5000,      before:  onBefore,      after:   onAfter   }); | Scrolling image: http://64.19.142.11/cloud.github.com/downloads/malsup/cycle/beach1.jpg |
| The callbacks for the example above are implemented as follows:  function onBefore() {      $('#output').html("Scrolling image:<br>" + this.src);  }  function onAfter() {      $('#output').html("Scroll complete for:<br>" + this.src)          .append('<h3>' + this.alt + '</h3>');  } | |

**Non-Image Content**

The examples thus far have all used image content. This was done for simplicity and because images demo very well. But there is no restriction on slide content. Your slides can contain whatever you wish.

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| http://64.19.142.11/cloud.github.com/downloads/malsup/cycle/beach1.jpg  St Andrews State Park - Panama City, FL  This park is one of the most popular outdoor recreation spots in Florida.  $('#s6').cycle({      fx:     'scrollUp',      timeout: 6000,      delay:  -2000  }); | **1** There are tons of options you can use to control how and when your slide transitions occur. Test them out and see what ones you like. Check out the many examples on this website and see which ones catch your eye.  $('#s7').cycle({      fx:    'scrollRight',      delay: -1000  }); |

Next up: [Advanced Demo (Part 1) ››](http://jquery.malsup.com/cycle/adv.html)