

jquery-animate-collection

Extend jquery-animate with collection-prefilters

jquery.fx-collection provides a way of extending jquery-animate that allows for better control over single elements in an animated collection.

Usage

jquery.fx-collection overrides the original \$.animate-method. Simply call as usual.

Define a custom prefilter

Extend jquery.animate by defining a custom collection prefilter. Here's a custom prefilter-boilerplate:

```
/*!
 * jquery.fx-collection-prefilter.js
 * Example boilerplate
 */
(function($) {
  /*
   * custom collection prefilter for jquery.fx-collection
   */
  function Prefilter(properties, opts) {
    return {
      get: function(elem) {
        // return item-specific props and opts
        return {
          opts: {...},
          props: {...}
        };
      }
    };
  };
}
if (typeof $.fx.collection !== "undefined") {
  // Register the plugin
  $.fx.collection.prefilters.push(ItemOpts);
}
})(jQuery);
```

Basic Options

Option	Type	Description
queueAll	Boolean	Specify whether to sync queuing of elements in the collection. Defaults to false. Plugins may override the default value to this option.

Modules

Bundled with the plugin and baked into the distribution are the following prefilters:

- Animated code blocks (jquery.animateCollection.blocks)
- Item options (jquery.animateCollection.itemopts)

Animated code blocks

Pass in a function to animate all items in the collection.

CSS-manipulations

Animations reflect changes to inline style-properties

```
$('.block').animate(function() {  
  $(this).css({  
    width: 100,  
    height: 100,  
    lineHeight: "96px"  
  });  
});
```

...and class assignments:

```
$('.block').animate(function() {  
  $(this).toggleClass('big');  
});
```

DOM-manipulations

Animations also reflect dom-manipulations. The following example demonstrates how to shuffle items animated within the same parent.

```
<div id="blocks" class="blocks">  
  <div id="block1" class="block">1</div>  
  <div id="block2" class="block">2</div>  
  <div id="block3" class="block">3</div>  
  <div id="block4" class="block">4</div>  
  <div id="block5" class="block">5</div>  
</div>
```

```
$('.block').animate(function() {  
  var $blocks = $('.blocks');  
  $blocks.append($blocks.children().first());  
  $blocks.append($blocks.children().toArray().slice(1).reverse());  
});
```

Options

Option	Type	Description
capture	Array	An array containing styles to be observed with animated blocks-
positionStyle	String	Specify whether to use absolute- or transform-based positioning with animated blocks.

Per-Item-Options

This module allows to specify options based on the order that items appear in a collection.

```
$('.block').animate({  
  left: "+=50px"  
}, {  
  duration: 1000,  
  item: {  
    delay: 250  
  }  
});
```

Options

Option	Type	Description
item	Object	A set of numerical options that will be multiplied by collection index. If a function is provided, values can be computed at runtime.