

Accordion Widget

Categories: [Widgets \(http://api.jqueryui.com/1.8/category/widgets/\)](http://api.jqueryui.com/1.8/category/widgets/)

Accordion Widget

version added: 1.0

Description: *Convert a pair of headers and content panels into an accordion.*

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The markup of your accordion container needs pairs of headers and content panels:

```
1 <div id="accordion">
2   <h3><a href="#">First header</a></h3>
3   <div>First content panel</div>
4   <h3><a href="#">Second header</a></h3>
5   <div>Second content panel</div>
6 </div>
```

Accordions support arbitrary markup, but each content panel must always be the next sibling after its associated header. See the [header](#) option for information on how to use custom markup structures.

The panels can be activated programmatically by setting the [active](#) option.

Additional Notes:

This widget requires some functional CSS, otherwise it won't work. If you build a custom theme,

use the widget's specific CSS file as a starting point.

Options

active

Type: [Boolean](http://api.jquery.com/Types/#Boolean) (<http://api.jquery.com/Types/#Boolean>) or [Integer](http://api.jquery.com/Types/#Integer) (<http://api.jquery.com/Types/#Integer>)

Default: 0

Which panel is currently open.

Multiple types supported:

Boolean: Setting `active` to `false` will collapse all panels. This requires the `collapsible` option to be `true`.

Integer: The zero-based index of the panel that is active (open).

animated

Type: [Boolean](http://api.jquery.com/Types/#Boolean) (<http://api.jquery.com/Types/#Boolean>) or [String](http://api.jquery.com/Types/#String) (<http://api.jquery.com/Types/#String>)

Default: `slide`

If and how to animate changing panels.

Multiple types supported:

Boolean: A value of `false` will disable animations.

String: Name of [easing \(/easings/\)](#) to use with default duration. Additionally, values of `"slide"` and `"bouncslide"` have built-in custom implementations.

autoHeight

Type: [Boolean](http://api.jquery.com/Types/#Boolean) (<http://api.jquery.com/Types/#Boolean>)

Default: `true`

Whether all panels should be set to the height of the tallest panel.

clearStyle

Type: [Boolean](http://api.jquery.com/Types/#Boolean) (<http://api.jquery.com/Types/#Boolean>)

Default: `false`

Whether to clear height and overflow styles after finishing animations. This enabled accordions to work with dynamic content. Requires the `autoHeight` option to be `false`.

collapsible

Type: Boolean (<http://api.jquery.com/Types/#Boolean>)

Default: false

Whether all the sections can be closed at once. Allows collapsing the active section.

disabled

Type: Boolean (<http://api.jquery.com/Types/#Boolean>)

Default: false

Disables the accordion if set to true .

event

Type: String (<http://api.jquery.com/Types/#String>)

Default: "click"

The event that accordion headers will react to in order to activate the associated panel. Multiple events can be specified, separated by a space.

fillSpace

Type: String (<http://api.jquery.com/Types/#String>)

Default: false

Whether the accordion should expand to the available height based on the accordion's parent height. This option will override the autoHeight option.

header

Type: Selector (<http://api.jquery.com/Types/#Selector>)

Default: "> li > :first-child,> :not(li):even"

Selector for the header element, applied via `.find()` on the main accordion element. Content panels must be the sibling immediately after their associated headers.

icons

Type: Object (<http://api.jquery.com/Types/#Object>)

Default: { "header": "ui-icon-triangle-1-e", "headerSelected": "ui-icon-triangle-1-s" }

Icons to use for headers, matching an icon defined by the jQuery UI CSS Framework. Set to false to have no icons displayed.

header (string, default: "ui-icon-triangle-1-e")

headerSelected (string, default: "ui-icon-triangle-1-s")

navigation

Type: [Boolean](http://api.jquery.com/Types/#Boolean) (<http://api.jquery.com/Types/#Boolean>)

Default: false

If set, looks for the anchor that matches `location.href` and activates it. Great for href-based state-saving. Use the [navigationFilter](#) option to implement your own matcher.

navigationFilter

Type: [Function](http://api.jquery.com/Types/#Function) (<http://api.jquery.com/Types/#Function>)()

Default: function matching `location.href`

A function that is invoked for each tab anchor, with the anchor element as the context. Must return `true` for the tab that should be active on initialization.

Methods

activate(index)

Returns: [jQuery](http://api.jquery.com/Types/#jQuery) (<http://api.jquery.com/Types/#jQuery>) (plugin only
(<http://learn.jquery.com/jquery-ui/widget-factory/widget-method-invocation/>))

Activate a panel.

index

Type: [Integer](http://api.jquery.com/Types/#Integer) (<http://api.jquery.com/Types/#Integer>)

The zero-based index of the panel to activate.

Code examples:

Invoke the activate method:

```
1 $( ".selector" ).accordion( "activate" );
```

destroy()

Returns: [jQuery](http://api.jquery.com/Types/#jQuery) (<http://api.jquery.com/Types/#jQuery>) (plugin only
(<http://learn.jquery.com/jquery-ui/widget-factory/widget-method-invocation/>))

Removes the accordion functionality completely. This will return the element back to its pre-init state.

This method does not accept any arguments.

Code examples:

Invoke the destroy method:

```
1 $( ".selector" ).accordion( "destroy" );
```

disable()

Returns: *jQuery (<http://api.jquery.com/Types/#jQuery>) (plugin only (<http://learn.jquery.com/jquery-ui/widget-factory/widget-method-invocation/>))*

Disables the accordion.

This method does not accept any arguments.

Code examples:

Invoke the disable method:

```
1 $( ".selector" ).accordion( "disable" );
```

enable()

Returns: *jQuery (<http://api.jquery.com/Types/#jQuery>) (plugin only (<http://learn.jquery.com/jquery-ui/widget-factory/widget-method-invocation/>))*

Enables the accordion.

This method does not accept any arguments.

Code examples:

Invoke the enable method:

```
1 $( ".selector" ).accordion( "enable" );
```

option(optionName)

Returns: *Object (<http://api.jquery.com/Types/#Object>)*

Gets the value currently associated with the specified optionName .

optionName

Type: [String \(<http://api.jquery.com/Types/#String>\)](http://api.jquery.com/Types/#String)

The name of the option to get.

Code examples:

Invoke the method:

```
1 $( ".selector" ).accordion( "option" );
```

option()

Returns: PlainObject (<http://api.jquery.com/Types/#PlainObject>)

Gets an object containing key/value pairs representing the current accordion options hash.

This signature does not accept any arguments.

Code examples:

Invoke the method:

```
1 $( ".selector" ).accordion( "option" );
```

option(optionName, value)

Returns: jQuery (<http://api.jquery.com/Types/#jQuery>) (plugin only
(<http://learn.jquery.com/jquery-ui/widget-factory/widget-method-invocation/>))

Sets the value of the accordion option associated with the specified optionName .

optionName

Type: String (<http://api.jquery.com/Types/#String>)

The name of the option to set.

value

Type: Object (<http://api.jquery.com/Types/#Object>)

A value to set for the option.

Code examples:

Invoke the method:

```
1 $( ".selector" ).accordion( "option" );
```

option(options)

Returns: jQuery (<http://api.jquery.com/Types/#jQuery>) (plugin only
(<http://learn.jquery.com/jquery-ui/widget-factory/widget-method-invocation/>))

Sets one or more options for the accordion.

options

Type: Object (<http://api.jquery.com/Types/#Object>)

A map of option-value pairs to set.

Code examples:

Invoke the method:

```
1 $( ".selector" ).accordion( "option" );
```

resize()

Returns: *jQuery* (<http://api.jquery.com/Types/#jQuery>) (plugin only (<http://learn.jquery.com/jquery-ui/widget-factory/widget-method-invocation/>))

Recompute the height of the accordion panels. Results depend on the content and height-related options.

This method does not accept any arguments.

Code examples:

Invoke the resize method:

```
1 $( ".selector" ).accordion( "resize" );
```

widget()

Returns: *jQuery* (<http://api.jquery.com/Types/#jQuery>)

Returns a jQuery object containing the accordion.

This method does not accept any arguments.

Code examples:

Invoke the widget method:

```
1 $( ".selector" ).accordion( "widget" );
```

Events

change(event, ui)

Type: *accordionchange*

Triggered after a panel has been activated (after animation completes). If the accordion was previously collapsed, `ui.oldHeader` and `ui.oldContent` will be empty jQuery objects. If the accordion is collapsing, `ui.newHeader` and `ui.newContent` will be empty jQuery objects.

event

Type: [Event](http://api.jquery.com/Types/#Event) (<http://api.jquery.com/Types/#Event>)

ui

Type: [Object](http://api.jquery.com/Types/#Object) (<http://api.jquery.com/Types/#Object>)

newHeader

Type: [jQuery](http://api.jquery.com/Types/#jQuery) (<http://api.jquery.com/Types/#jQuery>)

The header that was just activated.

oldHeader

Type: [jQuery \(http://api.jquery.com/Types/#jQuery\)](http://api.jquery.com/Types/#jQuery)

The header that was just deactivated.

newContent

Type: [jQuery \(http://api.jquery.com/Types/#jQuery\)](http://api.jquery.com/Types/#jQuery)

The panel that was just activated.

oldContent

Type: [jQuery \(http://api.jquery.com/Types/#jQuery\)](http://api.jquery.com/Types/#jQuery)

The panel that was just deactivated.

Code examples:

Initialize the accordion with the change callback specified:

```
1 $( ".selector" ).accordion({  
2   change: function( event, ui ) {}  
3 });
```

Bind an event listener to the accordionchange event:

```
1 $( ".selector" ).on( "accordionchange", function( event, ui )
```



changestart(event, ui)

Type: accordionchangestart

Triggered directly after a panel is activated. If the accordion is currently collapsed, `ui.oldHeader` and `ui.oldContent` will be empty jQuery objects. If the accordion is collapsing, `ui.newHeader` and `ui.newContent` will be empty jQuery objects.

event

Type: [Event \(http://api.jquery.com/Types/#Event\)](http://api.jquery.com/Types/#Event)

ui

Type: [Object \(http://api.jquery.com/Types/#Object\)](http://api.jquery.com/Types/#Object)

newHeader

Type: [jQuery \(http://api.jquery.com/Types/#jQuery\)](http://api.jquery.com/Types/#jQuery)

The header that is about to be activated.

oldHeader

Type: [jQuery \(http://api.jquery.com/Types/#jQuery\)](http://api.jquery.com/Types/#jQuery)

The header that is about to be deactivated.

newContent

Type: [jQuery \(http://api.jquery.com/Types/#jQuery\)](http://api.jquery.com/Types/#jQuery)

The panel that is about to be activated.

oldContent

Type: [jQuery \(http://api.jquery.com/Types/#jQuery\)](http://api.jquery.com/Types/#jQuery)

The panel that is about to be deactivated.

Code examples:

Initialize the accordion with the changestart callback specified:

```
1 $( ".selector" ).accordion({
2   changestart: function( event, ui ) {}
3 });
```

Bind an event listener to the accordionchangestart event:

```
1 $( ".selector" ).on( "accordionchangestart", function( event, ui ) {
```



create(event, ui)

Type: *accordioncreate*

Triggered when the accordion is created.

event

Type: [Event \(http://api.jquery.com/Types/#Event\)](http://api.jquery.com/Types/#Event)

ui

Type: [Object \(http://api.jquery.com/Types/#Object\)](http://api.jquery.com/Types/#Object)

Note: The ui object is empty but included for consistency with other events.

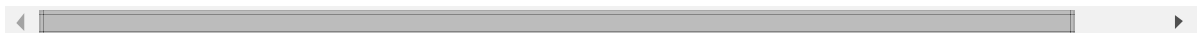
Code examples:

Initialize the accordion with the create callback specified:

```
1 $( ".selector" ).accordion({
2   create: function( event, ui ) {}
3 });
```

Bind an event listener to the accordioncreate event:

```
1 $( ".selector" ).on( "accordioncreate", function( event, ui ) {
```



Example:

A simple jQuery UI Accordion

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <title>accordion demo</title>
6   <link rel="stylesheet" href="//code.jquery.com/ui/1.8.24/themes/base<
7   <script src="//code.jquery.com/jquery-1.8.2.js"></script>
8   <script src="//code.jquery.com/ui/1.8.24/jquery-ui.js"></script>
9 </head>
10 <body>
11
12 <div id="accordion">
13   <h3><a href="#">Section 1</a></h3>
14   <div>
15     <p>Mauris mauris ante, blandit et, ultrices a, suscipit eget.
16     Integer ut neque. Vivamus nisi metus, molestie vel, gravida in,
17     condimentum sit amet, nunc. Nam a nibh. Donec suscipit eros.
18     Nam mi. Proin viverra leo ut odio.</p>
19   </div>
20   <h3><a href="#">Section 2</a></h3>
21   <div>
22     <p>Sed non urna. Phasellus eu ligula. Vestibulum sit amet purus.
23     Vivamus hendrerit, dolor aliquet laoreet, mauris turpis velit,
24     faucibus interdum tellus libero ac justo.</p>
25   </div>
26   <h3><a href="#">Section 3</a></h3>
27   <div>
28     <p>Nam enim risus, molestie et, porta ac, aliquam ac, risus.
29     Quisque lobortis.Phasellus pellentesque purus in massa.</p>
30     <ul>
31       <li>List item one</li>
32       <li>List item two</li>
33       <li>List item three</li>
34     </ul>
35   </div>
36 </div>
37
38 <script>
39 $( "#accordion" ).accordion();
40 </script>
41
42 </body>
43 </html>
```

Demo:

▼ Section 1

Mauris mauris ante, blandit et, ultrices a, suscipit eget. Integer ut neque. Vivamus nisi metus, molestie vel, gravida in, condimentum sit amet, nunc. Nam a nibh. Donec suscipit eros. Nam mi. Proin viverra leo ut odio.

► Section 2

► Section 3

BOOKS



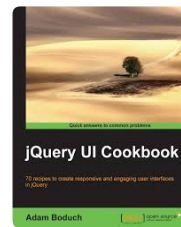
jQuery UI in Action
TJ VanToll

(<http://www.manning.com/tjvanto>)



jQuery UI Themes
Adam Boduch

(<http://www.packtpub.com/web-development/jquery-ui-themes-beginners-guide>)



jQuery UI Cookbook
Adam Boduch

(<http://www.packtpub.com/web-development/jquery-ui-cookbook>)

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