

Progressbar Widget

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

Progressbar Widget

version added: 1.6

Description: *Display status of a determinate process.*

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The progress bar is designed to display the current percent complete for a process. The bar is coded to be flexibly sized through CSS and will scale to fit inside its parent container by default.

This is a determinate progress bar, meaning that it should only be used in situations where the system can accurately update the current status. A determinate progress bar should never fill from left to right, then loop back to empty for a single process — if the actual status cannot be calculated, an indeterminate progress bar or spinner animation is a better way to provide user feedback.

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

disabled

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

Default: `false`

Disables the progressbar if set to `true`.

value

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

Default: 0

The value of the progressbar.

Methods

destroy()

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

Removes the progressbar 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" ).progressbar( "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 progressbar.

This method does not accept any arguments.

Code examples:

Invoke the disable method:

```
1 $( ".selector" ).progressbar( "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 progressbar.

This method does not accept any arguments.

Code examples:

Invoke the enable method:

```
1 $( ".selector" ).progressbar( "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>)

The name of the option to get.

Code examples:

Invoke the method:

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

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

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

This signature does not accept any arguments.

Code examples:

Invoke the method:

```
1 $( ".selector" ).progressbar( "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 progressbar 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" ).progressbar( "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 progressbar.

options

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

A map of option-value pairs to set.

Code examples:

Invoke the method:

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

value()

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

Gets the current value of the progressbar.

This signature does not accept any arguments.

Code examples:

Invoke the method:

```
1 $( ".selector" ).progressbar( "value" );
```

value(value)

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

Sets the current value of the progressbar.

value

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

The value to set.

Code examples:

Invoke the method:

```
1 $( ".selector" ).progressbar( "value" );
```

widget()

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

Returns a jQuery object containing the progressbar.

This method does not accept any arguments.

Code examples:

Invoke the widget method:

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

Events

change(event, ui)

Type: *progressbarchange*

Triggered when the value of the progressbar changes.

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 progressbar with the change callback specified:

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

Bind an event listener to the progressbarchange event:

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



complete(event, ui)

Type: *progressbarcomplete*

Triggered when the value of the progressbar reaches the maximum value.

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 progressbar with the complete callback specified:

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

Bind an event listener to the progressbarcomplete event:

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



create(event, ui)

Type: *progressbarcreate*

Triggered when the progressbar 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 progressbar with the create callback specified:

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

Bind an event listener to the progressbarcreate event:

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



Example:

A simple jQuery UI Progressbar

```

1 <!doctype html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <title>progressbar 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="progressbar"></div>
13
14 <script>
15 $( "#progressbar" ).progressbar({
16   value: 37
17 });
18 </script>
19
20 </body>
21 </html>

```

Demo:



BOOKS



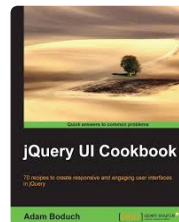
jQuery UI in Action
TJ VanToll

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



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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