Plugins (http://plugins.jquery.com/)

Contribute (http://contribute.jquery.org/)

Events (http://events.jquery.org/)

Support (https://jquery.org/support/)

jQuery Foundation (https://jquery.org/)

Dialog Widget

Categories: Widgets (//api.jqueryui.com/1.8/category/widgets/)

Dialog Widget version added: 1.0

Description: Open content in an interactive overlay.

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A dialog is a floating window that contains a title bar and a content area. The dialog window can be moved, resized and closed with the 'x' icon by default.

If the content length exceeds the maximum height, a scrollbar will automatically appear.

A bottom button bar and semi-transparent modal overlay layer are common options that can be added.

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

autoOpen

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

Default: true

If set to true, the dialog will automatically open upon initialization. If false, the dialog will stay hidden until the open() method is called.

buttons

Type: Object (http://api.jquery.com/Types/#Object) or Array

(http://api.jquery.com/Types/#Array)

Default: {}

Specifies which buttons should be displayed on the dialog. The context of the callback is the dialog element; if you need access to the button, it is available as the target of the event object. **Multiple types supported:**

Object: The keys are the button labels and the values are the callbacks for when the associated button is clicked.

Array: Each element of the array must be an object defining the attributes, properties, and event handlers to set on the button.

closeOnEscape

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

Default: true

Specifies whether the dialog should close when it has focus and the user presses the escape (ESC) key.

closeText

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

Default: "close"

Specifies the text for the close button. Note that the close text is visibly hidden when using a standard theme.

dialogClass

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

Default: ""

The specified class name(s) will be added to the dialog, for additional theming.

disabled

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

Default: false

Disables the dialog if set to true.

draggable

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

Default: true

If set to true, the dialog will be draggable by the title bar. Requires the <u>jQuery UI Draggable</u> wiget (/draggable/) to be included.

height

Type: Number (http://api.jquery.com/Types/#Number) or String

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

Default: "auto"

The height of the dialog.

Multiple types supported:

Number: The height in pixels.

String: The only supported string value is "auto" which will allow the dialog height to

adjust based on its content.

hide

Type: Number (http://api.jquery.com/Types/#Number) or String

(http://api.jquery.com/Types/#String) or Object (http://api.jquery.com/Types/#Object)

Default: null

If and how to animate the hiding of the dialog.

Multiple types supported:

Number: The dialog will fade out while animating the height and width for the specified duration.

String: The dialog will be hidden using the specified jQuery UI effect. See the <u>list of effects (/category/effects/)</u> for possible values.

Object: If the value is an object, then effect, duration, and easing properties may be provided. The effect property must be the name of a jQuery UI effect. When using a jQuery UI effect that supports additional settings, you may include those settings in the object and they will be passed to the effect. If duration or easing is omitted, then the default values will be used.

maxHeight

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

Default: false

The maximum height to which the dialog can be resized, in pixels.

maxWidth

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

Default: false

The maximum width to which the dialog can be resized, in pixels.

minHeight

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

Default: 150

The minimum height to which the dialog can be resized, in pixels.

minWidth

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

Default: 150

The minimum width to which the dialog can be resized, in pixels.

modal

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

Default: false

If set to true, the dialog will have modal behavior; other items on the page will be disabled, i.e., cannot be interacted with. Modal dialogs create an overlay below the dialog but above other page elements.

position

Type: Object (http://api.jquery.com/Types/#Object) or String (http://api.jquery.com/Types/#String) or Array (http://api.jquery.com/Types/#Array)

Default: { my: "center", at: "center", of: window }

Specifies where the dialog should be displayed. The dialog will handle collisions such that as much of the dialog is visible as possible.

Multiple types supported:

Object: Identifies the position of the dialog when opened. The of option defaults to the window, but you can specify another element to position against. You can refer to the <u>iQuery UI Position (/position/)</u> utility for more details about the various options.

String: A string representing the position within the viewport. Possible values: "center", "left", "right", "top", "botom".

Array: An array containing an x, y coordinate pair in pixel offset from the top left corner of the viewport or the name of a possible string value.

resizable

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

Default: true

If set to true, the dialog will be resizable. Requires the jQuery UI Resizable widget (/resizable/) to be included.

show

Type: Number (http://api.jquery.com/Types/#Number) or String (http://api.jquery.com/Types/#String) or Object (http://api.jquery.com/Types/#Object)

Default: null

If and how to animate the showing of the dialog.

Multiple types supported:

Number: The dialog will fade in while animating the height and width for the specified duration.

String: The dialog will be shown using the specified jQuery UI effect. See the <u>list of effects (/category/effects/)</u> for possible values.

Object: If the value is an object, then effect, duration, and easing properties may be provided. The effect property must be the name of a jQuery UI effect. When using a jQuery UI effect that supports additional settings, you may include those settings in the object and they will be passed to the effect. If duration or easing is omitted, then the default values will be used.

stack

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

Default: true

Specifies whether the dialog will stack on top of other dialogs. This will cause the dialog to move to the front of other dialogs when it gains focus.

title

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

Default: ""

Specifies the title of the dialog. Any valid HTML may be set as the title. The title can also be specified by the title attribute on the dialog source element.

width

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

Default: 300

The width of the dialog, in pixels.

zIndex

Type: Integer (http://api.jquery.com/Types/#Integer)

Default: 1000

The starting z-index for the dialog.

Methods

close()

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

Closes the dialog.

This method does not accept any arguments.

Code examples:

Invoke the close method:

```
1 $( ".selector" ).dialog( "close" );
```

destroy()

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

Removes the dialog 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" ).dialog( "destroy" );
```

disable()

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

Disables the dialog.

This method does not accept any arguments.

Code examples:

Invoke the disable method:

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

enable()

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

Enables the dialog.

This method does not accept any arguments.

Code examples:

Invoke the enable method:

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

isOpen()

Returns: Boolean (http://api.jquery.com/Types/#Boolean)

Whether the dialog is currently open.

This method does not accept any arguments.

Code examples:

Invoke the isOpen method:

```
1 $( ".selector" ).dialog( "isOpen" );
```

moveToTop()

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

Moves the dialog to the top of the dialog stack.

This method does not accept any arguments.

Code examples:

Invoke the moveToTop method:

```
1 $( ".selector" ).dialog( "moveToTop" );
```

open()

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

This method does not accept any arguments.

Code examples:

Invoke the open method:

```
1 $( ".selector" ).dialog( "open" );
```

option(optionName) Retu

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" ).dialog( "option" );
```

option()

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

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

This signature does not accept any arguments.

Code examples:

Invoke the method:

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

option(optionName, value)

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

Sets the value of the dialog 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" ).dialog( "option" );
```

option(options)

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

Sets one or more options for the dialog.

options

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

A map of option-value pairs to set.

Code examples:

Invoke the method:

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

widget()

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

Returns a jQuery object containing the generated wrapper.

This method does not accept any arguments.

Code examples:

Invoke the widget method:

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

Events

beforeClose(event, ui)

Type: dialogbeforeclose

Triggered when a dialog is about to close. If canceled, the dialog will not close.

event

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

ui

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

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

Code examples:

Initialize the dialog with the beforeClose callback specified:

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

Bind an event listener to the dialogbeforeclose event:

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

close(event, ui)

Type: dialogclose

Triggered when the dialog is closed.

event

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

```
ui
```

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

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

Code examples:

Initialize the dialog with the close callback specified:

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

Bind an event listener to the dialogclose event:

```
1 $( ".selector" ).on( "dialogclose", function( event, ui ) {} );
```

create(event, ui)

Type: dialogcreate

Triggered when the dialog is created.

event

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

ui

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

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

Code examples:

Initialize the dialog with the create callback specified:

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

Bind an event listener to the dialogcreate event:

```
1 $( ".selector" ).on( "dialogcreate", function( event, ui ) {} );
```

drag(event, ui)

Type: dialogdrag

Triggered while the dialog is being dragged.

event

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

ui

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

position

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

The current CSS position of the dialog.

offset

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

The current offset position of the dialog.

Code examples:

Initialize the dialog with the drag callback specified:

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

Bind an event listener to the dialogdrag event:

```
1 $( ".selector" ).on( "dialogdrag", function( event, ui ) {} );
```

dragStart(event, ui)

Type: dialogdragstart

Triggered when the user starts dragging the dialog.

event

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

ui

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

position

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

The current CSS position of the dialog.

offset

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

The current offset position of the dialog.

Code examples:

Initialize the dialog with the dragStart callback specified:

```
$ $( ".selector" ).dialog({
   dragStart: function( event, ui ) {}
});
```

Bind an event listener to the dialogdragstart event:

```
1 | $( ".selector" ).on( "dialogdragstart", function( event, ui ) {}
```

dragStop(event, ui)

Type: dialogdragstop

Triggered after the dialog has been dragged.

event

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

ui

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

position

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

The current CSS position of the dialog.

offset

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

The current offset position of the dialog.

Code examples:

Initialize the dialog with the dragStop callback specified:

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

Bind an event listener to the dialogdragstop event:

```
1 | $( ".selector" ).on( "dialogdragstop", function( event, ui ) {} )
```

focus(event, ui)

Type: dialogfocus

Triggered when the dialog gains focus.

event

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

ui

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

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

Code examples:

Initialize the dialog with the focus callback specified:

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

Bind an event listener to the dialogfocus event:

```
1 $( ".selector" ).on( "dialogfocus", function( event, ui ) {} );
```

open(event, ui)

Type: dialogopen

Triggered when the dialog is opened.

event

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

ui

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

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

Code examples:

Initialize the dialog with the open callback specified:

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

Bind an event listener to the dialogopen event:

```
1 $( ".selector" ).on( "dialogopen", function( event, ui ) {} );
```

resize(event, ui)

Type: dialogresize

Triggered while the dialog is being resized.

event

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

```
ui
```

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

originalPosition

Type: Object (http://api.jquery.com/Types/#Object)
The CSS position of the dialog prior to being resized.

position

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

The current CSS position of the dialog.

originalSize

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

The size of the dialog prior to being resized.

size

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

The current size of the dialog.

Code examples:

Initialize the dialog with the resize callback specified:

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

Bind an event listener to the dialogresize event:

```
1 $( ".selector" ).on( "dialogresize", function( event, ui ) {} );
```

resizeStart(event, ui)

Type: dialogresizestart

Triggered when the user starts resizing the dialog.

event

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

ui

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

originalPosition

Type: Object (http://api.jquery.com/Types/#Object)
The CSS position of the dialog prior to being resized.

position

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

The current CSS position of the dialog.

originalSize

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

The size of the dialog prior to being resized.

size

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

The current size of the dialog.

Code examples:

Initialize the dialog with the resizeStart callback specified:

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

Bind an event listener to the dialogresizestart event:

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

resizeStop(event, ui)

Type: dialogresizestop

Triggered after the dialog has been resized.

event

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

ui

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

originalPosition

Type: Object (http://api.jquery.com/Types/#Object)
The CSS position of the dialog prior to being resized.

position

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

The current CSS position of the dialog.

originalSize

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

The size of the dialog prior to being resized.

size

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

The current size of the dialog.

Code examples:

Initialize the dialog with the resizeStop callback specified:

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

Bind an event listener to the dialogresizestop event:

```
1 | $( ".selector" ).on( "dialogresizestop", function( event, ui ) {}
```

Example:

A simple jQuery UI Dialog

```
<!doctype html>
 2
    <html lang="en">
 3
   <head>
      <meta charset="utf-8">
 4
 5
      <title>dialog demo</title>
      <link rel="stylesheet" href="//code.jquery.com/ui/1.8.24/themes/base/j</pre>
 6
 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
    <button id="opener">open the dialog</button>
12
    <div id="dialog" title="Dialog Title">I'm a dialog</div>
13
14
15
    <script>
16
    $( "#dialog" ).dialog({ autoOpen: false });
    $( "#opener" ).click(function() {
17
      $( "#dialog" ).dialog( "open" );
18
19
    });
    </script>
20
21
    </body>
22
23 </html>
```

Demo:

open the dialog









jQuery UI in Action TJ VanToll

jQuery UI Themes Adam Boduch

beginners-guide)

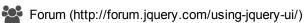
jQuery UI Cookbook Adam Boduch

(http://www.manning.cohtt/pari/toll/w)w.packtpub (bt/ps/w/eh/www.packtpub.com/web-development/jquery-ui-themes-ui-cookbook)

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GitHub (https://github.com/jquery)