







# jQuery custom content scroller

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Highly customizable custom scrollbar jQuery plugin. Features include vertical and/or horizontal scrollbar(s), adjustable scrolling momentum, mouse-wheel (via jQuery mousewheel plugin), keyboard and touch support, ready-to-use themes and customization via CSS, RTL direction support, option parameters for full control of scrollbar functionality, methods for triggering actions like scroll-to, update, destroy etc., user-defined callbacks and more.

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Release archive
Project on GitHub

Current version **3.1.5** (<u>Changelog</u>) Upgrading from version 2

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## How to use it

Get started by <u>downloading the archive</u> which contains the plugin files (and a large amount of HTML demos and examples). Extract and upload *jquery.mCustomScrollbar.concat.min.js*, *jquery.mCustomScrollbar.css* and *mCSB\_buttons.png* to your web server (alternatively you can <u>load plugin files from a CDN</u>).

### **HTML**

Include jquery.mCustomScrollbar.css in the head tag your HTML document (more info)

```
<link rel="stylesheet" href="/path/to/jquery.mCustomScrollbar.css" />
```

Include jQuery library (if your project doesn't use it already) and jquery.mCustomScrollbar.concat.min.js in the head tag or at the very bottom of your document, just before the closing body tag

```
<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.1/jquery.mi
n.js"></script>
<script src="/path/to/jquery.mCustomScrollbar.concat.min.js"></script>
```

### **CSS**

The element(s) you want to add scrollbar(s) should have the typical CSS properties of an overflowed block which are a height (or max-height) value, an overflow value of auto (or hidden) and content long enough to require scrolling. For horizontal scrollbar, the element should have a width (or max-width) value set.

If you prefer to set your element's height/width via javascript, you can use the  $\underline{\text{setHeight}}/\underline{\text{se}}$   $\underline{\text{tWidth}}$  option parameters.

### Initialization

#### Initialize via javascript

After files inclusion, call *mCustomScrollbar* function on the <u>element selector</u> you want to add the scrollbar(s)

```
(function($){
    $(window).on("load",function(){
        $(".content").mCustomScrollbar();
    });
})(jQuery);
</script>
```

### more info

#### Initialize via HTML

Add the class mCustomScrollbar to any element you want to add custom scrollbar(s) with default options. Optionally, set its axis via the HTML data attribute data-mcs-axis (e.g. "x" for horizontal and "y" for vertical) and its theme via data-mcs-theme. For example:

```
<div class="mCustomScrollbar" data-mcs-theme="dark">
  <!-- your content -->
</div>
```

### **Basic configuration & option parameters**

#### axis

By default, the script applies a vertical scrollbar. To add a horizontal or 2-axis scrollbars, invoke mCustomScrollbar function with the axis option set to "x" or "yx" respectively

```
$(".content").mCustomScrollbar({
   axis:"x" // horizontal scrollbar
});

$(".content").mCustomScrollbar({
   axis:"yx" // vertical and horizontal scrollbar
});
```

#### theme

To quickly change the appearance of the scrollbar, set the theme option parameter to any of the <u>ready-to-use themes</u> available in <u>jquery.mCustomScrollbar.css</u>, for example:

```
$(".content").mCustomScrollbar({
    theme:"dark"
});
```

## Configuration

You can configure your scrollbar(s) using the following option parameters on *mCustomScrollbar* function

```
Usage $(selector).mCustomScrollbar({ option: value });
```

setWidth: false Set the width of your content (overwrites CSS width), value in pixels (integer) or percentage (string). setHeight: false Set the height of your content (overwrites CSS height), value in pixels (integer) or percentage (string). setTop: 0 Set the initial css top property of content, accepts string values (css top position). Example: setTop: "-100px". setLeft: 0 Set the initial css left property of content, accepts string values (css left position). Example: setLeft: "-100px". axis: "string" Define content's scrolling axis (the type of scrollbars added to the element: vertical and/of horizontal). Available values: "y", "x", "yx". axis: "y" – vertical scrollbar (default) axis: "x" – horizontal scrollbar axis: "yx" – vertical and horizontal scrollbars scrollbarPosition: "str Set the position of scrollbar in relation to content. Available values: "inside", "outside". ing" Setting scrollbarPosition: "inside" (default) makes scrollbar appear inside the element. Setting s crollbarPosition: "outside" makes scrollbar appear outside the element. Note that setting the value to "outside" requires your element (or parent elements) to have CSS position: relative (otherwise the scrollbar will be positioned in relation to document's root element). scrollInertia: integer Set the amount of scrolling momentum as animation duration in milliseconds. Higher value equals greater scrolling momentum which translates to smoother/more progressive animation. Set to 0 to disable. autoDraggerLength: bool Enable or disable auto-adjusting scrollbar dragger ean

length in relation to scrolling amount (same bahavior with browser's native scrollbar).

Set autoDraggerLength: false when you want your scrollbar to (always) have a fixed size.

autoHideScrollbar: bool Enable or disable auto-hiding the scrollbar when ean inactive. Setting autoHideScrollbar: true will hide the scrollbar(s) when scrolling is idle and/or cursor is out of the scrolling area. Please note that some special themes like "minimal" overwrite this option. autoExpandScrollbar: bo Enable or disable auto-expanding the scrollbar when olean cursor is over or dragging the scrollbar. alwaysShowScrollbar: in Always keep scrollbar(s) visible, even when there's teger nothing to scroll. alwaysShowScrollbar: 0 – disable (default) alwaysShowScrollbar: 1 – keep dragger rail visible alwaysShowScrollbar: 2 – keep all scrollbar components (dragger, rail, buttons etc.) visible snapAmount: integer Make scrolling snap to a multiple of a fixed number of pixels. Useful in cases like scrolling tabular data, image thumbnails or slides and you need to prevent scrolling from stopping half-way your elements. Note that your elements must be of equal width or height in order for this to work properly. To set different values for vertical and horizontal scrolling, use an array: [y,x] snapOffset: integer Set an offset (in pixels) for the snapAmount option. Useful when for example you need to offset the snap amount of table rows by the table header. mouseWheel:{ enable: bo Enable or disable content scrolling via mouse-wheel. olean } mouseWheel:{ scrollAmou Set the mouse-wheel scrolling amount (in pixels). nt: integer } The default value "auto" adjusts scrolling amount according to scrollable content length. mouseWheel:{ axis: "str Define the mouse-wheel scrolling axis when both ing" } vertical and horizontal scrollbars are present. Set axis: "y" (default) for vertical or axis: "x" for horizontal scrolling. mouseWheel:{ preventDef Prevent the default behaviour which automatically

mouseWheel:{ preventDef ault: boolean }

Prevent the default behaviour which automatically scrolls the parent element when end or beginning of scrolling is reached (same bahavior with browser's

mouseWheel:{ deltaFacto r: integer }  Set the number of pixels one wheel notch scrolls. The default value "auto" uses the OS/browser value.  Enable or disable mouse-wheel (delta) acceleration. Setting normalizeDelta: true translates mouse-wheel delta value to -1 or 1.  Invert mouse-wheel scrolling direction. Set to true to scroll down or right when mouse-wheel is turned upwards.  MouseWheel:{ disableOve r: [array] }  Set the tags that disable mouse-wheel when cursor is over them. Default value: ["select", "option", "keygen", "datalist", "tex tarea"]  scrollButtons:{ enable: Enable or disable scrollbar buttons.  Set the buttons scrolling amount (in pixels). The default value "auto" adjusts scrolling amount according to scrollable content length.  ScrollButtons:{ scrollT ype: "stepless" - continuously scroll content while pressing the button (default)  scrollType: "stepped" - each button click scrolls content by a certain amount (defined in scrollAmount option above)  ScrollButtons:{ tabinde x: integer }  Keyboard:{ enable: bool enable: or disable content scrolling via the keyboard. The plugin supports the directional arrows (top, left, right and down), page-up (PgUp), page-down (PgDn) Home and End keys		native scrollbar).
Setting normalizeDelta: true translates mousewheel delta value to -1 or 1.  mouseWheel:{ invert: bo olean }  mouseWheel:{ disableOve r: [array] }  Set the tags that disable mouse-wheel when cursor is over them. Default value: ["select","option", "keygen", "datalist", "tex tarea"]  scrollButtons:{ enable: boolean }  scrollButtons:{ scrollA mount: integer }  Set the buttons scrolling amount (in pixels). The default value "auto" adjusts scrolling amount according to scrollable content length.  ScrollButtons:{ scrollT ype: "string" }  Define the buttons scrolling type/behavior.  scrollType: "stepless" - continuously scroll content while pressing the button (default)  scrollButtons:{ tabinde x: integer }  Set a tabindex value for the buttons.  Enable or disable content scrolling via the keyboard. The plugin supports the directional arrows (top, left, right and down), page-up (PgUp), page-down	•	·
to scroll down or right when mouse-wheel is turned upwards.  mouseWheel:{ disableOve r: [array] }  Set the tags that disable mouse-wheel when cursor is over them. Default value: ["select","option", "keygen", "datalist", "tex tarea"]  scrollButtons:{ enable: Enable or disable scrollbar buttons.  ScrollButtons:{ scrollA mount: integer }  Set the buttons scrolling amount (in pixels). The default value "auto" adjusts scrolling amount according to scrollable content length.  scrollButtons:{ scrollT ype: "stepless" - continuously scroll content while pressing the button (default)  scrollType: "stepped" - each button click scrolls content by a certain amount (defined in scrollAmount option above)  scrollButtons:{ tabinde x: integer }  keyboard:{ enable: bool enable or disable content scrolling via the keyboard. The plugin supports the directional arrows (top, left, right and down), page-up (PgUp), page-down		Setting normalizeDelta: true translates mouse-
is over them. Default value: ["select","option", "keygen", "datalist", "tex tarea"]  scrollButtons:{ enable: boolean }  scrollButtons:{ scrollA mount: integer }  Set the buttons scrolling amount (in pixels). The default value "auto" adjusts scrolling amount according to scrollable content length.  scrollButtons:{ scrollT ype: "string" }  Define the buttons scrolling type/behavior.  • scrollType: "stepless" – continuously scroll content while pressing the button (default) • scrollType: "stepped" – each button click scrolls content by a certain amount (defined in scrollAmount option above)  scrollButtons:{ tabinde x: integer }  keyboard:{ enable: bool ean }  Enable or disable content scrolling via the keyboard. The plugin supports the directional arrows (top, left, right and down), page-up (PgUp), page-down	·	to scroll down or right when mouse-wheel is turned
scrollButtons:{ scrollA mount: integer }  Set the buttons scrolling amount (in pixels). The default value "auto" adjusts scrolling amount according to scrollable content length.  ScrollButtons:{ scrollT ype: "string" }  Define the buttons scrolling type/behavior.  scrollType: "stepless" - continuously scroll content while pressing the button (default)  scrollType: "stepped" - each button click scrolls content by a certain amount (defined in scrollAmount option above)  ScrollButtons:{ tabinde x: integer }  Keyboard:{ enable: bool ean }  Enable or disable content scrolling via the keyboard. The plugin supports the directional arrows (top, left, right and down), page-up (PgUp), page-down	•	<pre>is over them. Default value: ["select","option","keygen","datalist","tex</pre>
default value "auto" adjusts scrolling amount according to scrollable content length.  Define the buttons scrolling type/behavior.  scrollType: "stepless" — continuously scroll content while pressing the button (default)  scrollType: "stepped" — each button click scrolls content by a certain amount (defined in scrollAmount option above)  Set a tabindex value for the buttons.  Set a tabindex value for the buttons.  Enable or disable content scrolling via the keyboard. The plugin supports the directional arrows (top, left, right and down), page-up (PgUp), page-down		Enable or disable scrollbar buttons.
<pre>ype: "string" }</pre>	,	default value "auto" adjusts scrolling amount
<pre>x: integer }  keyboard:{ enable: bool</pre>	-	<ul> <li>scrollType: "stepless" – continuously scroll content while pressing the button (default)</li> <li>scrollType: "stepped" – each button click scrolls content by a certain amount (defined in</li> </ul>
ean }  The plugin supports the directional arrows (top, left, right and down), page-up (PgUp), page-down	,	Set a tabindex value for the buttons.
(i gbii), rioille and End Reys.		The plugin supports the directional arrows (top, left,
keyboard: { scrollAmoun t: integer }  Set the keyboard arrows scrolling amount (in pixels). The default value "auto" adjusts scrolling amount according to scrollable content length.	·	The default value "auto" adjusts scrolling amount

keyboard:{ scrollType:
"string" }

Define the keyboard arrows scrolling type/behavior.

- scrollType: "stepless" continuously scroll content while pressing the arrow key (default)
- scrollType: "stepped" each key release scrolls content by a certain amount (defined in scrollAmount option above)

contentTouchScroll: int
eger

Enable or disable content touch-swipe scrolling for touch-enabled devices.

To completely disable, set contentTouchScroll: f alse.

Integer values define the axis-specific minimum amount required for scrolling momentum (default: 2 5).

documentTouchScroll: bo
olean

Enable or disable document touch-swipe scrolling for touch-enabled devices.

advanced:{ autoExpandHo
rizontalScroll: boolean
}

Auto-expand content horizontally (for "x" or "yx" axis).

If set to true, content will expand horizontally to accommodate any floated/inline-block elements. Setting its value to 2 (integer) forces the non scrollHeight/scrollWidth method. A value of 3 forces the scrollHeight/scrollWidth method.

advanced:{ autoScrollOn
Focus: "string" }

Set the list of elements/selectors that will auto-scroll content to their position when focused.

For example, when pressing TAB key to focus input fields, if the field is out of the viewable area the content will scroll to its top/left position (same bahavior with browser's native scrollbar).

To completely disable this functionality, set autoScro

To completely disable this functionality, set autoScrol110nFocus: false.

Default:

"input,textarea,select,button,datalist,keyg
en,a[tabindex],area,object,[contenteditabl
e='true']"

advanced:{ updateOnCont
entResize: boolean }

Update scrollbar(s) automatically on content, element or viewport resize.

The value should be true (default) for fluid layouts/elements, adding/removing content dynamically, hiding/showing elements etc.

advanced:{ updateOnImag

Update scrollbar(s) automatically each time an image

eLoad: boolean } inside the element is fully loaded. Default value is auto which triggers the function only on "x" and "yx" axis (if needed). The value should be true when your content contains images and you need the function to trigger on any axis. advanced:{ updateOnSele Update scrollbar(s) automatically when the amount ctorChange: "string" } and size of specific selectors changes. Useful when you need to update the scrollbar(s) automatically, each time a type of element is added, removed or changes its size. For example, setting updateOnSelectorChange: "u 1 1i" will update scrollbars each time list-items inside the element are changed. Setting the value to true, will update scrollbars each time any element is changed. To disable (default) set to false. advanced:{ extraDraggab Add extra selector(s) that'll release scrollbar leSelectors: "string" } dragging upon mouseup, pointerup, touchend etc. Example: extraDraggableSelectors: ".myClass, #myID" advanced:{ releaseDragg Add extra selector(s) that'll allow scrollbar dragging ableSelectors: "string" upon mousemove/up, pointermove/up, touchend etc. } Example: releaseDraggableSelectors: ".myClas s, #myID" advanced:{ autoUpdateTi Set the auto-update timeout in milliseconds. meout: integer } Default timeout: 60 theme: "string" Set the scrollbar theme. View all ready-to-use themes All themes are contained in plugin's CSS file (jquery.mCustomScrollbar.css). Default theme: "light" callbacks:{ A function to call when plugin markup is created. onCreate: functio Example: callbacks:{ n(){} onCreate:function(){ } console.log("Plugin markup generate d"); } } callbacks:{ A function to call when scrollbars have initialized

```
onInit: functio
                              (demo).
n(){}
                              Example:
}
                              callbacks:{
                                   onInit:function(){
                                     console.log("Scrollbars initialize
                              d");
                                  }
                              }
callbacks:{
                              A function to call when scrolling starts (demo).
      onScrollStart: fu
                              Example:
nction(){}
                              callbacks:{
}
                                   onScrollStart:function(){
                                     console.log("Scrolling started...");
                                   }
                              }
callbacks:{
                              A function to call when scrolling is completed (demo).
      onScroll: functio
                              Example:
                              callbacks:{
n(){}
}
                                   onScroll:function(){
                                     console.log("Content scrolled...");
                                   }
                              }
callbacks:{
                              A function to call while scrolling is active (demo).
      whileScrolling: f
                              Example:
unction(){}
                              callbacks:{
}
                                   whileScrolling:function(){
                                     console.log("Scrolling...");
                                   }
                              }
callbacks:{
                              A function to call when scrolling is completed and
      onTotalScroll: fu
                              content is scrolled all the way to the end
nction(){}
                              (bottom/right) (demo).
}
                              Example:
                              callbacks:{
                                   onTotalScroll:function(){
                                     console.log("Scrolled to end of conte
                              nt.");
                                   }
                              }
callbacks:{
                              A function to call when scrolling is completed and
      onTotalScrollBac
                              content is scrolled back to the beginning (top/left)
k: function(){}
                              (demo).
}
                              Example:
                              callbacks:{
                                   onTotalScrollBack:function(){
```

```
inning of content.");
                               }
callbacks:{
                               Set an offset for the onTotalScroll option.
      onTotalScrollOffs
                               For example, setting onTotalScrollOffset: 100
et: integer
                               will trigger the onTotalScroll callback 100 pixels
}
                               before the end of scrolling is reached.
callbacks:{
                               Set an offset for the onTotalScrollBack option.
      onTotalScrollBack
                               For example, setting onTotalScrollBackOffset: 1
Offset: integer
                               00 will trigger the onTotalScrollBack callback 100
}
                               pixels before the beginning of scrolling is reached.
callbacks:{
                               Set the behavior of calling onTotalScroll and
       alwaysTriggerOffs
                               onTotalScrollBack offsets.
ets: boolean
                               By default, callback offsets will trigger repeatedly
}
                               while content is scrolling within the offsets.
                               Set alwaysTriggerOffsets: false when you need
                               to trigger onTotalScroll and onTotalScrollBack
                               callbacks once, each time scroll end or beginning is
                               reached.
callbacks:{
                               A function to call when content becomes long
      onOverflowY: func
                               enough and vertical scrollbar is added.
tion(){}
                               Example:
}
                               callbacks:{
                                    onOverflowY:function(){
                                      console.log("Vertical scrolling requi
                               red");
                                    }
                               }
callbacks:{
                               A function to call when content becomes wide
      onOverflowX: func
                               enough and horizontal scrollbar is added.
tion(){}
                               Example:
                               callbacks:{
}
                                    onOverflowX:function(){
                                      console.log("Horizontal scrolling req
                               uired");
                                    }
                               }
                               A function to call when content becomes short
callbacks:{
      onOverflowYNone:
                               enough and vertical scrollbar is removed.
function(){}
                               Example:
}
                               callbacks:{
                                    onOverflowYNone:function(){
```

console.log("Scrolled back to the beg

```
t required");
                                   }
                              }
                              A function to call when content becomes narrow
callbacks:{
      onOverflowXNone:
                              enough and horizontal scrollbar is removed.
function(){}
                              Example:
}
                              callbacks:{
                                   onOverflowXNone:function(){
                                     console.log("Horizontal scrolling is
                              not required");
                                   }
                              }
callbacks:{
                              A function to call right before scrollbar(s) are
      onBeforeUpdate: f
                              updated.
unction(){}
                              Example:
}
                              callbacks:{
                                   onBeforeUpdate:function(){
                                     console.log("Scrollbars will updat
                              e");
                                  }
                              }
callbacks:{
                              A function to call when scrollbar(s) are updated.
      onUpdate: functio
                              Example:
n(){}
                              callbacks:{
}
                                   onUpdate:function(){
                                     console.log("Scrollbars updated");
                                   }
                              }
callbacks:{
                              A function to call each time an image inside the
      onImageLoad: func
                              element is fully loaded and scrollbar(s) are updated.
tion(){}
                              Example:
}
                              callbacks:{
                                   onImageLoad:function(){
                                     console.log("Image loaded");
                                   }
                              }
callbacks:{
                              A function to call each time a type of element is
      onSelectorChange:
                              added, removed or changes its size and scrollbar(s)
function(){}
                              are updated.
}
                              Example:
                              callbacks:{
                                   onSelectorChange:function(){
                                     console.log("Scrollbars updated");
```

}

console.log("Vertical scrolling is no

}

live: "string"

Enable or disable applying scrollbar(s) on all elements matching the current selector, now and in the future.

Set live: true when you need to add scrollbar(s) on elements that do not yet exist in the page. These could be elements added by other scripts or plugins after some action by the user takes place (e.g. lightbox markup may not exist untill the user clicks a link).

If you need at any time to disable or enable the live option, set live: "off" and "on" respectively. You can also tell the script to disable live option after the first invocation by setting live: "once".

liveSelector: "string"

Set the matching set of elements (instead of the current selector) to add scrollbar(s), now and in the future.

## Plugin methods

Ways to execute various plugin actions programmatically from within your script(s).

### update

Usage \$(selector).mCustomScrollbar("update");

Call the *update* method to **manually update existing scrollbars** to accommodate new content or resized element(s). This method is by default called automatically by the script (via updateOnContentResize option) when the element itself, its content or scrollbar size changes.

view examples

### scrollTo

Usage \$(selector).mCustomScrollbar("scrollTo",position,options);

Call the *scrollTo* method to **programmatically scroll the content** to the position parameter (<u>demo</u>).

#### position parameter

Position parameter can be:

- "string"
  - e.g. element selector: "#element-id"

```
    e.g. special pre-defined position: "bottom"
    e.g. number of pixels less/more: "-=100"/"+=100"
    integer
    e.g. number of pixels: 100
    [array]
    e.g. different y/x position: [100,50]
    object/function
    e.g. jQuery object: $("#element-id")
    e.g. js object: document.getelementbyid("element-id")
    e.g. function: function(){ return 100; }
```

### Pre-defined position strings:

```
    "bottom" - scroll to bottom
    "top" - scroll to top
    "right" - scroll to right
    "left" - scroll to left
    "first" - scroll to the position of the first element within content
```

"last" – scroll to the position of the last element within content

## view examples

### **Method options**

```
scrollInertia: integer
                              Scroll-to duration, value in milliseconds.
                              Example:
                              $(selector).mCustomScrollbar("scrollTo","bo
                              ttom",{
                                  scrollInertia:3000
                              });
scrollEasing: "string"
                              Scroll-to animation easing, values: "linear", "ease
                              Out", "easeInOut".
                              Example:
                              $(selector).mCustomScrollbar("scrollTo","bo
                              ttom",{
                                  scrollEasing:"easeOut"
                              });
moveDragger: boolean
                              Scroll scrollbar dragger (instead of content).
                              Example:
                              $(selector).mCustomScrollbar("scrollTo",80,
                                  moveDragger:true
                              });
```

timeout: integer

Set a timeout for the method (the default timeout is 60 ms in order to work with automatic scrollbar update), value in milliseconds.

### stop

```
Usage $(selector).mCustomScrollbar("stop");
```

Stops any running scrolling animations (usefull when you wish to interupt a previously *scrollTo* method call).

### disable

```
Usage $(selector).mCustomScrollbar("disable");
```

Calling *disable* method will **temporarily disable the scrollbar** (<u>demo</u>). Disabled scrollbars can be re-enable by calling the *update* method.

To disable the scrollbar and reset its content position, set the method's *reset* parameter to true

```
$(selector).mCustomScrollbar("disable",true);
```

view examples

### destroy

```
Usage $(selector).mCustomScrollbar("destroy");
```

Calling *destroy* method will **completely remove the custom scrollbar** and return the element to its original state (<u>demo</u>).

view examples

## Scrollbar styling & themes

You can design and visually customize your scrollbars with pure CSS, using

<u>iquery.mCustomScrollbar.css</u> which contains the default/basic styling and all scrollbar themes.

The easiest/quickest way is to select a ready-to-use scrollbar theme. For example:

```
$(selector).mCustomScrollbar({
  theme:"dark"
});
```

#### View all ready-to-use themes

You can modify the default styling or any theme either directly in *jquery.mCustomScrollbar.css* or by overwriting the CSS rules in another stylesheet.

### Creating a new scrollbar theme

Create a name for your theme (e.g. "my-theme") and set it as the value of the theme option

```
$(selector).mCustomScrollbar({
    theme:"my-theme"
});
```

Your element will get the class "mCS-my-theme" (your theme-name with "mCS" prefix), so you can create your CSS using the .mCS-my-theme in your rules. For instance:

```
.mCS-my-theme.mCSB_scrollTools .mCSB_dragger .mCSB_dragger_bar{ backgroun
d-color: red; }
.mCS-my-theme.mCSB_scrollTools .mCSB_draggerRail{ background-color: white;
}
/* and so on... */
```

In the same manner you can clone any existing theme (e.g. "dark"), change its selector (e.g. .mCS-dark) to your own theme name (e.g. .mCS-my-theme) and modify its CSS rules.

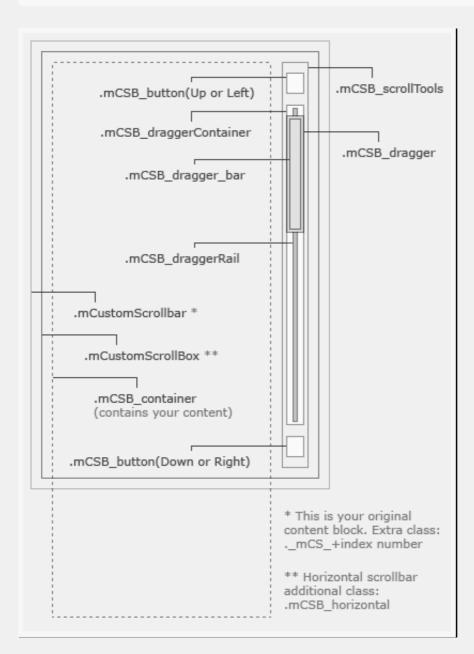
### Scrollbar markup

The plugin applies specific id (unique) and/or classes to every scrollbar element/component, meaning that you can target and modify any scrollbar in more than one ways.

For example, every element with a scrollbar gets a unique class in the form of <code>\_mCS\_1</code>, <code>\_mCS\_2</code> etc. Every scrollbar container element gets a unique id in the form of <code>mCSB\_1\_scrollbar\_vertical</code> etc. Every scrollbar dragger gets a unique id in the form of <code>mCSB\_1\_dragger\_vertical</code>, <code>mCSB\_2\_dragger\_vertical</code> etc. in addition to the class <code>mCSB\_dragger</code>. All these mean that you can do stuff like:

```
._mCS_1 .mCSB_dragger .mCSB_dragger_bar{ background-color: red; }
._mCS_2 .mCSB_dragger .mCSB_dragger_bar{ background-color: green; }
```

```
#mCSB_3_dragger_vertical .mCSB_dragger_bar{ background-color: blue; }
#mCSB_1_scrollbar_vertical .mCSB_dragger{ height: 100px; }
#mCSB_1_scrollbar_horizontal .mCSB_dragger{ width: 100px; }
.mCSB_1_scrollbar .mCSB_dragger .mCSB_draggerRail{ width: 4px; }
```



## User-defined callbacks

You can trigger your own js function(s) by calling them inside mCustomScrollbar callbacks option parameter

```
$(".content").mCustomScrollbar({
    callbacks:{
        onScroll:function(){
            myCustomFn(this);
        }
    }
```

```
function myCustomFn(el){
   console.log(el.mcs.top);
}
```

In the example above, each time a scroll event ends and content has stopped scrolling, the content's top position will be logged in browser's console. There are available callbacks for each step of the scrolling event:

- onScrollStart triggers the moment a scroll event starts
- whileScrolling triggers while scroll event is running
- onScrol1 triggers when a scroll event completes
- onTotalScroll triggers when content has scrolled all the way to bottom or right
- onTotalScrollBack triggers when content has scrolled all the way back to top or left

You can set an offset value (pixels) for both onTotalScroll and onTotalScrollBack by setting onTotalScrollOffset and onTotalScrollBackOffset respectively (view example).

By default, onTotalScroll and onTotalScrollBack callbacks are triggered repeatedly. To prevent multiple calls when content is within their offset, set alwaysTriggerOffsets option to false (view example).

#### Additional callbacks:

- onInit
- onOverflowY
- onOverflowX
- onOverflowYNone
- onOverflowXNone
- onUpdate
- onImageLoad
- onSelectorChange

### Returning values

The script returns a number of values and objects related to scrollbar that you can use in your own functions

- this the original element containing the scrollbar(s)
- this.mcs.content the original content wrapper as jquery object
- this.mcs.top content's top position (pixels)
- this.mcs.left content's left position (pixels)
- this.mcs.draggerTop scrollbar dragger's top position (pixels)
- this.mcs.draggerLeft scrollbar dragger's left position (pixels)
- this.mcs.topPct content vertical scrolling percentage
- this.mcs.leftPct content horizontal scrolling percentage
- this.mcs.direction content's scrolling direction (y or x)

## Plugin-specific jQuery expressions

```
$("#myID:mcsInView")
                                Select element(s) in your content that are within
                                scrollable viewport.
                                As condition: $("#myID").is(":mcsInView");
$(".content:mcsOverflo
                                Select overflowed element(s) with visible scrollbar.
w")
                                As condition: $(".content").is(":mcsOverflo
                                w");
$("#myID:mcsInSight")
                                Select element(s) in your content that are in view of
$("#myID:mcsInSight(exa
                                the scrollable viewport. Using the exact parameter
ct)")
                               will include elements that have any part of them
                                (even 1 pixel) in view of the scrollable viewport.
                                As condition: $("#myID").is(":mcsInSight");,
                                $("#myID").is(":mcsInSight(exact)");
```

## Plugin dependencies & requirements

- <u>iQuery</u> version 1.6.0 or higher
- Mouse-wheel support
  - jQuery mousewheel plugin

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### rizwan

Posted on November 22, 2017 at 12:26 Permalink

scrollbar not working in IE-Edge latest browser any solution how to overcome this problem??

Reply

### Cyril

Posted on November 16, 2017 at 19:54 Permalink

Hi,

I've have an issue when i use this plugin with jquery sortable on scrolling up and down during sort.

With natural scrollbar no problem. But when the plugin is in use, the scroll doesn't work.

Any idea?

Reply

### pipes-manysman

Posted on November 15, 2017 at 10:42 Permalink

Ηi

I'm using your jQuery Scrollbar and it works very well thanks

Reply

### Arun

Posted on November 8, 2017 at 22:01 Permalink

Hi,

I am loading a div's dynamically onclick of a button inside the scroll content (horizontal scroll). But if I have content above the scroll div and then I append the div, whole page jumps a little bit to top. Kind off annoying.

Any help?

Same issue could be recreated in our "max-width\_example" too. If we add some dummy text on top of the scroll parent div and then click add image link, the page jumps slightly to top. Sorry if the issue is already been asked in this forum.

Reply

### Andrea

Posted on October 28, 2017 at 17:11 Permalink

Hi guys, can you tell me why when I click on a input text of a form the site returns on the first page? Sorry for my bad english

Reply

For those who came into the same issue (everything works except one finger scrolling on Mozilla Firefox 45) this is due to Mozilla configuration. Go into about:config then setting dom.w3c\_pointer\_events.enabled to true did the trick.

Reply

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Post code (html, css, js etc.), using the code tag: <code>your here</code> (see info below)	· code	

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<blockquote cite=""> <cite> <code> <del datetime=""> <em> <i><q cite=""> <strike> <strong>

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You may also use the data-lang attribute to determine the code language like so: <code data-lang-html>, <code data-lang-css>, <code data-lang-js> and <code data-lang-php>

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