JQuery Selectors

JQuery selectors are used to "find" (or select) HTML elements based on their name, id, classes, types, attributes, values of attributes and much more. It's based on the existing CSS selectors, and in addition, it has some own custom selectors.

All selectors in jQuery start with the dollar sign and parenthesis: $( ).

The Element Selector

The jQuery element selector selects elements based on the element name.

You can select all <p> elements on a page like this:

```
$('p')
```

The #id Selector

The jQuery #id selector uses the id attribute of an HTML tag to find the specific element.

To find an element with a specific id, write a hash character, followed by the id of the HTML element.

```
$("#test")
```

The .class Selector

The jQuery .class selector finds elements with a specific class.

To find elements with a specific class, write a period character, followed by the name of the class:

```
$(".test")
```

Other jQuery Selectors

Selector	Example	Selects
*	`$("*")`	all elements
.class, .class	`$(".intro, .demo")`	all elements with the class "intro" or "demo".
el1, el2, el3	`$("h1, div,`	all <h1>, and

	p")	<p> elements.
:first	$("p:first")	the first <p> element.
:last	$("p:last")	the last <p> element.
:even	$("tr:even")	all even <tr> elements.
:odd	$("tr:odd")	all odd <tr> elements.
:first-child	$("p:first-child")	all <p> elements that are the first child of their parent.
:first-of-type	$("p:first-of-type")	all <p> elements that are the first <p> element of their parent.
:last-of-type	$("p:last-of-type")	all <p> elements that are the last <p> element of their parent.
:nth-child(n)	$("p:nth-child(2)")	all <p> elements that are the 2nd child of their

		parent.
:nth-last-child(n)	`$("p:nth-last-child(2)")`	all <p> elements that are the 2nd child of their parent, counting from the lasting child.
:nth-of-type(n)	`$("p:nth-of-type(2)")`	all <p> elements that are the 2nd <p> element of their parent.
parent>child	`$("div>p")`	all <p> elements that are a direct child of a element.
parent descendant	`$("div p")`	all <p> elements that are descendants of a element.
element + next	`$("div+p")`	all <p> elements that are next to each elements.
element ~ siblings	`$("div~p")`	all <p> elements that appear after the element.

:eq(index)	`$("ul li:eq(3)")`	the fourth element in a list (index starts at 0)
:gt(no)	`$("ul li:gt(3)")`	list elements with an index greater than 3.
:lt(no)	`$("ul li:lt(3)")`	list elements with an index less than 3.
:not(selector)	`$("input:not(:empty)")`	all input elements that are not empty.
:header	`$(":header")`	all header elements <h1>, <h2>, ...
:animated	`$(":animated")`	all animated elements.
:focus	`$(":focus")`	the element that currently has focus.
:contains(text)	`$(":contains('Hello')")`	all elements which contain the text "Hello"
:has(selector)	`$("div:has(p)")`	all div elements which have a <p> element.
:empty	`$(":empty")`	all elements that are empty.
:parent	`$(":parent")`	all elements taht are

		a parent of another element.
:hidden	`$("p:hidden")`	all hidden <p> elements.
:visible	`$("table:visible")`	all visible tables.
:root	`$(":root")`	the document's root element.
:lang(language)	`$("p:lang(de)")`	all <p> element with a lang attribute value starting with "de"
[attribute]	`$ ("[href]")`	all elements with a href attribute.
[attribute="value"]	`$("[href="default.html"]")`	all elements with a href attribute value equal to "default.html".
[attribute!="valule"]	`$("[href!="default.html"]")`	all elements with a href attribute value not equal to "default.html".
[attribute$="value"]	`$("[href$=".jpg"]")`	all elements with a href attribute value ending with ".jpg".

[attribute |="value"]	`$("[title|="Tomorrow"]")`	all elements with a title attribure value equal to "Tomorrow", or starting with "Tomorrow"
[attribute ^="value"]	`$("[title^="Tom"]")`	all elements with a title attribute value starting with "Tom".
[attribute ~="value"]	`$("[title ~= "hello"]")`	all elements with a title attribute value containing the specific word "hello".
:input	`$(":input")`	all input elements.
:text	`$(":text")`	all input elements with type ="text".
:password	`$(":password")`	all input elements with type="password".
:radio	`$(":radio")`	all input elements with type="radio".
:checkbox	`$(":checkbox")`	all input elements

		with type="checkbox".
:submit	`$(":submit")`	all input elements with type="submit".
:reset	`$(":reset")`	all input elements with type="reset".
:button	`$(":button")`	all input elements with type="button".
:image	`$(":image")`	all input elements with type="image".
:file	`$(":file")`	all input elements with type="file".
:enabled	`$(":enabled")`	all enabled input elements.
:disabled	`$(":disabled")`	all disabled input elements.
:selected	`$(":selected")`	all selected input elements.
:checked	`$(":checked")`	all checked input elements.

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