jQuery Selectors

The jQuery selector enables you to find DOM elements in your web page. Most of the times you will start with selector function $() in the jQuery.

$("selector-name")

Syntax: $(selector expression, context)

jQuery(selector expression, context)

The selector expression parameter specifies a pattern to match the elements

The context parameter is optional. It specifies elements in a DOM hierarchy from where jQuery starts searching for matching elements.

**Type of jQuery Selector**

1. **Basic Selectors**
2. **Positional Selectors**
3. **Relational Selectors**
4. **Custom Selectors**
5. **Attributes Selectors**
6. **Form Elements Selectors**

**jQuery Basic Selectors**

|  |  |
| --- | --- |
| Selector | Description |
| [element Selector](https://way2tutorial.com/jquery/jquery_selectors.php#element_selector) | Selects all element match of given elements. |
| [this Selector](https://way2tutorial.com/jquery/jquery_selectors.php#this_selector) | Selects current elements. |
| [#id Selector](https://way2tutorial.com/jquery/jquery_selectors.php#id_selector) | Selects element whose id is match of given elements. |
| [.class Selector](https://way2tutorial.com/jquery/jquery_selectors.php#class_selector) | Selects element whose class is match of given elements. |
| [\*](https://way2tutorial.com/jquery/jquery_selectors.php#select_all_selector) | Selects all elements in the document. |
| .class, .class | Selects all the elements with class="param" and class="hfirst" |

1. **Used to hide all <p> elements.**

$("p").hide()

1. **Used to hide the current element.**

$(this).hide()

1. **Used to hide the element with id=”test”.**

$("#test").hide()

1. **Used to hide all elements with class=”test”.**

$(".test").hide()

JQuery Selectors

|  |  |  |
| --- | --- | --- |
| Sl.No | Syntax | Description |
|  | $("p.intro") | Selects all <p> elements with class="intro" |
|  | $("p:first") | Selects the first <p> element |
|  | $("ul li:first") | Selects the first <li> element of the first <ul> |
|  | $("ul li:first-child") | Selects the first <li> element of every <ul> |
|  | $("[href]") | Selects all elements with an href attribute |
|  | $("a[target='\_blank']") | Selects all <a> elements with a target attribute value equal to "\_blank" |
|  | $("a[target!='\_blank']") | Selects all <a> elements with a target attribute value NOT equal to "\_blank" |
|  | $(":button") | Selects all <button> elements and <input> elements of type="button" |
|  | $("tr:even") | Selects all even <tr> elements |
|  | $("tr:odd") | Selects all odd <tr> elements |

Element selector

$("p").hide() The jQuery hide() function, hide all <p> elements.

<!DOCTYPE html>

<html>

<head>

<title>jQuery hide p elements</title>

<script src="jquery-3.3.1.js"></script>

<script>

$(document).ready(function() {

$("button").click(function() {

$("p").hide();

});

});

</script>

</head>

<body>

<p>First paragraph start here...</p>

<p>Second paragraph start here...</p>

<button>Click here to hide above all paragraph</button>

</body>

</html>

this selector

$(this).hide() The jQuery hide() function, hide (this) element.

<!DOCTYPE html>

<html>

<head>

<title>jQuery hide this element</title>

<script src="jquery-3.3.1.js"></script>

<script>

$(document).ready(function() {

$("button").click(function(){

$(this).hide();

});

});

</script>

</head>

<body>

<button>Click here to hide this button</button>

</body>

</html>

id selector

$("#div1").hide() The jQuery hide() function, hiding whose id="div1" in the elements.

<!DOCTYPE html>

<html>

<head>

<title>jQuery hide p#div1 element</title>

<script src="jquery-3.3.1.js"></script>

<script>

$(document).ready(function() {

$("button").click(function(){

$("#div1").hide();

});

});

</script>

</head>

<body>

<p id="div1">First paragraph start here...</p>

<button>Click here to hide p#div1 element</button>

</body>

</html>

class selector

$(".div1").hide() The jQuery hide() function, hiding whose class="div1" in the elements.

<!DOCTYPE html>

<html>

<head>

<title>jQuery hide p.div1 elements</title>

<script src="jquery-3.3.1.js"></script>

<script>

$(document).ready(function() {

$("button").click(function(){

$(".div1").hide();

});

});

</script>

</head>

<body>

<p class="div1">First paragraph start here...</p>

<p class="div1">Second paragraph start here...</p>

<button>Click here to hide above all paragraph</button>

</body>

</html>

\* selector

$("\*").hide() The jQuery hide() function, hide all the elements.

<!DOCTYPE html>

<html>

<head>

<title>jQuery hide all elements</title>

<script src="jquery-3.3.1.js"></script>

<script>

$(document).ready(function() {

$("button").click(function(){

$("\*").hide();

});

});

</script>

</head>

<body>

<p>First paragraph start here...</p>

<p>Second paragraph start here...</p>

<button>Click here to hide above all paragraph</button>

</body>

</html>

.class, .class

<!DOCTYPE html>

<html>

<head>

<title>jQuery multiple .class Selector</title>

<script src="jquery-3.3.1.js"></script>

<script>

$(document).ready(function() {

$(".param, .hfirst").css('color', 'red');

});

</script>

</head>

<body>

<h1 class="hfirst">Article heading</h1>

<p>First paragraph start here...</p>

<p class="param">Second paragraph start here...</p>

<h3>Footer heading</h3>

</body>

</html>