

Basic Syntax of jQuery

jQuery Syntax

The jQuery syntax is tailor-made for **selecting** HTML elements and performing some **action** on the element(s).

Basic syntax is: **`$(selector).action()`**

- A \$ sign to define/access jQuery
- A (*selector*) to "query (or find)" HTML elements
- A jQuery *action()* to be performed on the element(s)

Examples:

`$(".test").html()` Html of all elements with class="test".

`$("#test").html()` – Html of the element with id="test"

`$(this).hide()` - hides the current element.

`$("p").hide()` - hides all <p> elements.

`$(".test").hide()` - hides all elements with class="test".

`$("#test").hide()` - hides the element with id="test".

The Document Ready Event

You might have noticed that all jQuery methods in our examples, are inside a document ready event:

```
$(document).ready(function(){
```

```
    // jQuery methods go here...
```

```
});
```

This is to prevent any jQuery code from running before the document is finished loading (is ready).

It is good practice to wait for the document to be fully loaded and ready before working with it. This also allows you to have your JavaScript code before the body of your document, in the head section.

Here are some examples of actions that can fail if methods are run before the document is fully loaded:

- Trying to hide an element that is not created yet
- Trying to get the size of an image that is not loaded yet

Tip: The jQuery team has also created an even shorter method for the document ready event:

```
$(function(){
```

```
// jQuery methods go here...
```

```
});
```

Source Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>jQuery Syntax </title>
  <style>
    .box {
      width: 300px;
```

```

        height: 300px;
    }

    #test1 {
        background-color: aqua;
    }

    #test2 {
        background-color: green;
    }
</style>
<script src="jquery-3.7.1.min.js"></script>
</head>

<body>

    <div id="test1" class="box">
        <h1>Test Box 1</h1>
        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sint,
error.</p>
    </div>
    <div id="test2" class="box">
        <h1>Test Box 2</h1>
        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sint,
error.</p>
    </div>

    <script>
        $(document).ready(function() {
            // console.log("Hello");
            let a = $('#test1').html();
            console.log(a);
            let b = $('#test2').html();
            console.log(b);
        });
    </script>
</body>

</html>

```

Thank You

