

Chaining Method in jQuery

With jQuery, you can chain together actions/methods.

Chaining allows us to run multiple jQuery methods (on the same element) within a single statement.

jQuery Method Chaining

Until now we have been writing jQuery statements one at a time (one after the other).

However, there is a technique called chaining, that allows us to run multiple jQuery commands, one after the other, on the same element(s).

Tip: This way, browsers do not have to find the same element(s) more than once.

To chain an action, you simply append the action to the previous action.

The following example chains together the `css()`, `slideUp()`, and `slideDown()` methods. The "p1" element first changes to red, then it slides up, and then it slides down:

Example

```
$("#p1").css("color", "red").slideUp(2000).slideDown(2000);
```

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>Method Chaining in jQuery</title>
```

```
<style>
    .box {
        width: 300px;
        height: 300px;
    }

    #test1 {
        background-color: aqua;
        border: 2px solid black;
        overflow: auto;
        padding: 10px 10px;
        position: relative;
    }

</style>
<script src="jquery-3.7.1.min.js"></script>
</head>

<body>

    <h1> Method Chaining in jQuery</h1>
    <div class="box" id="test1">
        <h1>Box Dev</h1>
        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Esse quia
quasi expedita fssimus eum dolor. Iure adipisci voluptates esse cupiditate sunt
nostrum! .
        </p>

    </div>
    <button id="btnAnimate">Animate</button>

    <script>
        $(document).ready(function() {
            $('#btnAnimate').click(function() {
                $('#test1').css('background', 'pink').slideUp(2000).slideDown(3000);
            });
        });
    </script>
</body>

</html>
```

Thank You