

## On & Off Methods in jQuery

### On method

The `on()` method attaches one or more event handlers for the selected elements and child elements.

As of jQuery version 1.7, the `on()` method is the new replacement for the `bind()`, `live()` and `delegate()` methods. This method brings a lot of consistency to the API, and we recommend that you use this method, as it simplifies the jQuery code base.

Attach a click event to the `<p>` element:

```
$("#p").on("click", function(){  
    alert("The paragraph was clicked.");  
});
```

### Off Method

The `off()` method is most often used to remove event handlers attached with the `on()` method.

As of jQuery version 1.7, the `off()` method is the new replacement for the `unbind()`, `die()` and `undelegate()` methods. This method brings a lot of consistency to the API, and we recommend that you use this method, as it simplifies the jQuery code base.

remove the click event for all `<p>` elements:

```
$("#button").click(function(){  
    $("#p").off("click");  
});
```

## 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>On & Off Method </title>
  <style>
    .box {
      width: 300px;
      height: 300px;
    }
    /*    #test1 {
      background-color: aqua;
      border: 2px solid black;
      overflow: auto;
      padding: 10px 10px;
    }
  */

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

<body>

  <h1>On & Off Method in jQuery</h1>
  <div class="box 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="btn">Off Event</button>
```

```
<script>
    $(document).ready(function() {
        $('#test1').on("mouseover mouseout", function() {
            $('#test1').toggleClass("bg_red");
        });

        // for multiple
        $('#test1').on({
            "click": function() {
                $('#test1').css("color", "red");

            },
            "mouseover": function() {
                $('#test1').css("color", "black");
            },
            "mouseout": function() {
                $('#test1').css("background", "pink");
            }
        });

        $('#test1').click("mouseover mouseout", function() {
            $('#test1').off("bg_red");
        });
    });
</script>
</body>

</html>
```

Thank You