JavaScript Timing Events

- description : JavaScript Timing Events
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Source of the article

- [JavaScript Timing Events](#)

JavaScript   .

_____(Timing Events)   .

Timing Events

window   .

                                              .

JavaScript   .

- setTimeout(function, milliseconds)
    - ( )   .
- setInterval(function, milliseconds)
    - setTimeout()   .

setTimeout()   setInterval()   HTML DOM Window   .

The setTimeout() Method

```
window.setTimeout(function, milliseconds);
```

window.setTimeout()   window prefix   .

                                    .

                                              .

. 3 "Hello" window .

Click "Try it". Wati 3 seconds, and the page will alert "Hello".

Try it

How to Stop the Execution?

clearTimeout() setTimeout() .

```
window.clearTimeout(timeoutVariable)
```

window.clearTimeout() window prefix .

clearTimeout() setTimeout() .

```
myVar = setTimeout(function, milliseconds);
clearTimeout(myVar);
```

, clearTimeout() .

, "Stop" .

```
<!DOCTYPE html>
<html>
<body>
    <p>Click "Try it". Wati 3 seconds, and the page will alert "Hello".</p>
    <p>Click "Stop" to prevent the first function to execute.</p>
    <p>(You must click "Stop" before the 3 seconds are up.)</p>
    <button onclick="myVar = setTimeout(myFunction, 3000)">Try it</button>
    <button onclick="clearTimeout(myVar)">Stop it</button>
    <script>
        function myFunction() {
            alert("Hello");
        }
    </script>
</body>
</html>
```

The setInterval() Method

setInterval()   .

```
window.setInterval(function, milliseconds);
```

window.setInterval()   window prefix   .

                                                  .

                                                          .

                          1   "myTimer"   .

                                        .

```
<!DOCTYPE html>
<html>
<body>
    <p>A script on this page starts this clock:</p>
    <p id="demo"></p>
    <script>
        var myVar = setInterval(myTimer, 1000);
        function myTimer() {
            var d = new Date();
            document.getElementById("demo").innerHTML =
d.toLocaleTimeString();
        }
    </script>
</body>
</html>
```

1   1000   .

How to Stop the Execution?

clearInterval()   setInterval()   .

```
window.clearInterval(timerVariable)
```

window.clearInterval()   window prefix   .

clearInterval()   setInterval()   .

```
myVar = setInterval(function, milliseconds);
clearInterval(myVar);
```

, "Stop time"   .

```html
<!DOCTYPE html>
<html>
<body>
  <p>A script on this page starts this clock:</p>
  <p id="demo"></p>
  <button onclick="clearInterval(myVar)">Stop time</button>
  <script>
    var myVar = setInterval(myTimer, 1000);
    function myTimer() {
      var d = new Date();
      document.getElementById('demo').innerHTML = d.toLocaleTimeString();
    }
  </script>
</body>
</html>
```

More Examples

Another simplw timing

<code javascript>

<code>

    ,, Javascript, Timing, Events