

# JavaScript Timing Events

- description : JavaScript Timing Events
- author :
- email : shlim@repia.com
- lastupdate : 2021-04-12

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JavaScript

\_\_\_\_\_ (Timing Events)

## Timing Events

window

JavaScript

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- 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 가 .

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);
```

가 , clearTimeout() .

, "Stop" 가 .

```
<!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

가

## How to Stop the Execution?

clearInterval()

setInterval()

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

window.clearInterval()                    window prefix                    .  
clearInterval()                    setInterval()                    .

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

, "Stop time"                    가                    .

```
<!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 simple timing

<code javascript>

<code>

., [Javascript, Timing, Events](#)

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. - 2023.12

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Last update: 2022/03/10 19:52

