

# Javascript HTML DOM classList Property

- description : Javascript HTML DOM classList Property
- author :
- email : shlim@repia.com
- lastupdate : 2021-06-08

## The source of the article

[Javascript HTML DOM classList Property](#)

## Example

<div> "mystyle" 가 .

```
<head>
  <style>
    .mystyle {
      width: 300px;
      height: 50px;
      background-color: coral;
      color: white;
      font-size: 25px;
    }
  </style>
</head>
<body>
  <p>Click the button to add the "mystyle" class to DIV.</p>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported in
Internet Explorer 9 and earlier versions.</p>

  <div id="myDIV">I am a DIV element</div>

  <script>
    function myFunction() {
      document.getElementById('myDIV').classList.add('mystyle');
      /*           mystyle      가 myDIV      가 */
    }
  </script>
```

```
</body>
```

# Definition and Usage

`classList` is a property of the `DOMTokenList` interface that returns the list of the class names of the element that the interface belongs to. It can be used to add, remove, and toggle CSS class names on the element.

`classList` is an object that implements the `DOMTokenList` interface. It has the following methods:

- `add(className)`: Adds the class name to the list.
- `remove(className)`: Removes the class name from the list.
- `toggle(className)`: Toggles the class name on the element.
- `contains(className)`: Returns a boolean indicating whether the class name is in the list.

`classList` is supported in all modern browsers. For older versions of Internet Explorer (IE9 and below), you can use the `className` property instead.

# Syntax

```
element.classList
```

# Properties

| Property | Description                            |
|----------|----------------------------------------|
| length   | The number of class names in the list. |

# Methods

| Method                                  | Description                                                         |
|-----------------------------------------|---------------------------------------------------------------------|
| <code>add(class1, class2,...)</code>    | Adds the class names to the list.                                   |
| <code>contains(class)</code>            | Returns a boolean indicating whether the class name is in the list. |
| <code>item(index)</code>                | Returns the class name at the specified index.                      |
| <code>remove(class1, class2,...)</code> | Removes the class names from the list.                              |
| <code>toggle(class)</code>              | Toggles the class name on the element.                              |

| Method                       | Description                                         |
|------------------------------|-----------------------------------------------------|
| toggle(class, true or false) | .                                                   |
|                              | false.                                              |
|                              | 가, 가, true.                                         |
|                              | 가 가.                                                |
|                              | : element.classList.toggle("classToRemove", false); |
|                              | 가 : element.classList.toggle("classToAdd", true);   |
|                              | <b>Note:</b> Internet Explorer Opera 12.            |

## Technical Details

|              |              |
|--------------|--------------|
| Return Value | DOMTokenList |
|--------------|--------------|

## More Examples

### Example

<div> 가 .

```
<head>
  <style>
    .mystyle {
      width: 500px;
      height: 50px;
      padding: 15px;
      border: 5px solid dodgerblue;
    }

    .anotherClass {
      background-color: coral;
      color: white;
    }

    .thirdClass {
      text-transform: uppercase;
      text-align: center;
      font-size: 25px;
    }
  </style>
</head>
<body>
  <p>Click the button to add multiple classes to DIV.</p>

  <button onclick="myFunction()">Try it</button>
```

```
<p><strong>Note:</strong> The classList property is not supported
in Internet Explorer 9 and earlier versions.</p>

<div id="myDIV">I am a DIV element.</div>

<script>
    function myFunction() {
        document.getElementById('myDIV').classList.add('mystyle',
'anotherClass', 'thirdClass');
    }
    /*          <div id="myDIV">I am a DIV element.</div>
    <div id="myDIV" class="mystyle anotherClass thirdClass">
가      */
</script>
</body>
```

CSS

## Example

<div>

```
<head>
<style>
    .mystyle {
        width: 500px;
        height: 50px;
        background-color: forestgreen;
        color: white;
        font-size: 25px;
    }
</style>
</head>
<body>
    <p>Click the button to remove the "mystyle" class from DIV.</p>

    <button onclick="myFunction()">Try it!</button>

    <p><strong>Note:</strong> The classList property is not supported
in Internet Explorer 9 and earlier versions.</p>

    <div id="myDIV" class="mystyle">I am a DIV element.</div>

    <script>
        function myFunction() {
            document.getElementById('myDIV').classList.remove('mystyle');
        } /*          #myDIV          .mystyle          . */
    </script>
</body>
```

## Example

<div>

```
<head>
  <style>
    .mystyle {
      width: 500px;
      height: 50px;
      padding: 15px;
      border: 5px solid dodgerblue;
    }

    .anotherClass {
      background-color: coral;
      color: white;
    }

    .thirdClass {
      text-transform: uppercase;
      text-align: center;
      font-size: 25px;
    }
  </style>
</head>
<body>
  <p>Click the button to remove multiple classes to DIV.</p>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported
  in Internet Explorer 9 and earlier versions.</p>

  <div id="myDIV" class="mystyle anotherClass thirdClass">I am a DIV
  element.</div>

  <script>
    function myFunction() {
      document.getElementById('myDIV').classList.remove('mystyle',
      'anotherClass', 'thirdClass');
    }
    /*          <div id="myDIV" class="mystyle anotherClass thirdClass">

      <div id="myDIV">I am a DIV element.</div>          CSS          */
  </script>
</body>
```

## Example

<div>

```
<head>
  <style>
    .mystyle {
      width: 300px;
      height: 50px;
      background-color: coral;
      color: white;
      font-size: 25px;
    }

    .newClassName {
      width: 400px;
      height: 100px;
      background-color: lightblue;
      text-align: center;
      font-size: 25px;
      color: navy;
      margin-bottom: 10px;
    }
  </style>
</head>
<body>
  <p>Click the button to toggle between two classes.</p>

  <button onclick="myFunction()">Try it</button>

  <p><strong>Note:</strong> The classList property is not supported
  in Internet Explorer 9 and earlier versions.</p>

  <div id="myDIV" class="mystyle">I am a DIV element.</div>

  <script>
    function myFunction() {
      document.getElementById('myDIV').classList.toggle('newClassName');
    }
    /*
      <div id="myDIV" class="mystyle">
      <div id="myDIV" class="mystyle newClassName">
    */
  </script>
</body>
```

## Example

<div>                   가                   .

```
<head>
  <style>
```

```

    .mystyle {
        width: 500px;
        height: 50px;
    }

    .anotherClass {
        background-color: lightblue;
    }

    .thirdClass {
        text-align: center;
        font-size: 25px;
        color: black;
        margin-bottom: 10px;
    }
</style>
</head>
<body>
    <p>Click the button to display the class names of the div element.</p>

    <div id="myDIV" class="mystyle anotherClass thirdClass">
        I am a DIV element with multiple classes.</div>

    <button onclick="myFunction()">Try it</button>

    <p><strong>Note:</strong> The classList property is not supported
    in Internet Explorer 9 and earlier versions.</p>

    <p id="demo"></p>

    <script>
        function myFunction() {
            var x = document.getElementById('myDIV').classList;
            document.getElementById('demo').innerHTML = x;
        }
        /* mystyle anotherClass thirdClass */
        /* id="myDIV" 가 div 가 */
    </script>
</body>

```

## Example

<div> 가 가 .

```

<head>
    <style>
        .mystyle {
            width: 500px;
            height: 50px;
        }
    </style>

```

```
.anotherClass {
    background-color: lightblue;
}

.thirdClass {
    text-align: center;
    font-size: 25px;
    color: black;
    margin-bottom: 10px;
}
</style>
</head>
<body>
    <p>Click the button to display the number of class names the div element
has.</p>

    <div id="myDIV" class="mystyle anotherClass thirdClass">
        I am a DIV element with three classes.</div>

    <button onclick="myFunction()">Try it</button>

    <p><strong>Note:</strong> The classList property is not supported
in Internet Explorer 9 and earlier versions.</p>

    <p id="demo"></p>

    <script>
        function myFunction() {
            var x = document.getElementById('myDIV').classList.length;
            document.getElementById('demo').innerHTML = x;
        }
        /*          id="myDIV" 가      div          */
    </script>
</body>
```

## Example

<div> (index 0) 가 .

```
<head>
<style>
    .mystyle {
        width: 500px;
        height: 50px;
    }

    .anotherClass {
```

```

        background-color: lightblue;
    }

    .thirdClass {
        text-align: center;
        font-size: 25px;
        color: black;
        margin-bottom: 10px;
    }
</style>
</head>
<body>
    <p>Click the button to display the class name of the first class(index
0) of div.</p>

    <div id="myDIV" class="mystyle anotherClass thirdClass">
        I am a DIV element with three classes.</div>

    <button onclick="myFunction()">Try it</button>

    <p><strong>Note:</strong> The classList property is not supported
in Internet Explorer 9 and earlier versions.</p>

    <p id="demo"></p>
    <!-- mystyle -->

    <script>
        function myFunction() {
            var x = document.getElementById('myDIV').classList.item(0);
            document.getElementById('demo').innerHTML = x;
        }
        /*          id="myDIV" 가      div          . */
    </script>
</body>

```

## Example

가 "mystyle"      가      .

., Javascript, HTML, DOM, classList, Property

From:  
<http://rwiki.repia.com/> -

. - 2023.12

Permanent link:  
[http://rwiki.repia.com/doku.php?id=wiki:javascript:javascript\\_note:classlist\\_property&rev=1623129211](http://rwiki.repia.com/doku.php?id=wiki:javascript:javascript_note:classlist_property&rev=1623129211)

Last update: **2022/03/10 19:52**