

Javascript HTML DOM classList Property

- description : Javascript HTML DOM classList Property
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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

The `classList` property of the `DOMTokenList` interface returns a `DOMTokenList` object representing the list of class names on the element. The `classList` property is read-only and cannot be assigned to.

The `classList` property is supported in all modern browsers. It is not supported in Internet Explorer 9 and earlier versions.

The `classList` property is a `DOMTokenList` object. 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)`: Adds or removes the class name from the list.

The `toggle` method has a second optional argument, a boolean value, which indicates whether to add or remove the class name. If the argument is `true`, the class name is added. If the argument is `false`, the class name is removed.

Syntax

```
element.classList
```

Properties

Property	Description
<code>length</code>	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>	Checks if the class name is in the list. Returns <code>true</code> if the class name is in the list, and <code>false</code> otherwise.
<code>item(index)</code>	Returns the class name at the specified index. The index starts at 0.
<code>remove(class1, class2,...)</code>	Removes the class names from the list.
<code>toggle(className)</code>	Adds or removes the class name from the list. If the class name is not in the list, it is added. If it is already in the list, it is removed.

Method	Description
toggle(class, true or false)	.
	false .
	가 , 가 , true .
	가 가 .
	: element.classList.toggle("classToRemove", false);
	가 : element.classList.toggle("classToAdd", true);
	Note: 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>
```

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>

```

., Javascript, HTML, DOM, classList, Property

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