

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

`classList` is a property of the `DOMTokenList` interface that returns a `DOMTokenList` object representing the CSS class names of the selected element, in the order in which they are defined in the document. The `DOMTokenList` object has methods to add, remove, and toggle the class names of the element.

`classList` is a read-only property of the `DOMTokenList` interface. It is supported in all modern browsers. For older versions of Internet Explorer (IE9 and below), the `classList` property is not supported, and the `className` property should be used instead. The `className` property is a string representing the class names of the element, separated by spaces. It can be used to add, remove, or toggle class names, but it is less convenient than the `classList` property.

Syntax

```
element.classList
```

Properties

Property	Description
length	

Methods

Method	Description
<code>add(class1, class2,...)</code>	Adds the class names <code>class1</code> , <code>class2</code> , and so on to the class names of the element. If the class names are already present, they are not added again.
<code>contains(class)</code>	Checks if the class name <code>class</code> is present in the class names of the element. It returns <code>true</code> if the class name is present, and <code>false</code> otherwise.
<code>item(index)</code>	Returns the class name at the specified index. The index starts at 0. If the index is out of range, it returns <code>null</code> .
<code>remove(class1, class2,...)</code>	Removes the class names <code>class1</code> , <code>class2</code> , and so on from the class names of the element. If the class names are not present, they are not 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>

```

Example

<div> 가 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 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 .

```

<head>
    <style>
        .mystyle {
            width: 500px;
            height: 50px;
            border: 1px solid black;
        }

        .anotherClass {
            background-color: lightblue;
            padding: 25px;
        }
    </style>

```

```
}

.thirdClass {
  text-align: center;
  font-size: 25px;
  color: navy;
  margin-bottom: 10px;
}
</style>
</head>
<body>
  <p>Click the button to find out if the DIV element has a class of
  "mystyle".</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>
  <!-- true -->

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

Example

"mystyle"

Example

„ Javascript, HTML, DOM, classList, Property

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