**.addClass()**

*Adds the specified class(es) to each element in the set of matched elements.*

Add the class "selected" to the matched elements.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>addClass demo</title>

<style>

p {

margin: 8px;

font-size: 16px;

}

**.selected** {

color: blue;

}

**.highlight** {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>Hello</p>

<p>and</p>

<p>Goodbye</p>

<script>

$( "p" ).last().addClass( "selected" );

</script>

</body>

</html>

Hello

and

Goodbye

Add the classes "selected" and "highlight" to the matched elements.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>addClass demo</title>

<style>

p {

margin: 8px;

font-size: 16px;

}

**.selected** {

color: red;

}

**.highlight** {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>Hello</p>

<p>and</p>

<p>Goodbye</p>

<script>

$( "p:last" ).addClass( "selected highlight" );

</script>

</body>

</html>

Hello

and

Goodbye

Pass in a function to .addClass() to add the "green" class to a div that already has a "red" class.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>addClass demo</title>

<style>

div {

background: white;

}

**.red** {

background: red;

}

**.red.green** {

background: green;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<div>This div should be white</div>

<div class="red">This div will be green because it now has the "green" and "red" classes.

It would be red if the addClass function failed.</div>

<div>This div should be white</div>

<p>There are zero green divs</p>

<script>

$( "div" ).addClass(**function**( index, currentClass ) {

**var** addedClass;

**if** ( currentClass === "red" ) {

addedClass = "green";

$( "p" ).text( "There is one green div" );

}

**return** addedClass;

});

</script>

</body>

</html>

This div should be white

This div will be green because it now has the "green" and "red" classes. It would be red if the addClass function failed.

This div should be white

There is one green div

# .after()

*Insert content, specified by the parameter, after each element in the set of matched elements.*

Inserts some HTML after all paragraphs.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>after demo</title>

<style>

p {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>I would like to say: </p>

<script>

$( "p" ).after( "<b>Hello</b>" );

</script>

</body>

I would like to say:

**Hello**

Inserts a DOM element after all paragraphs.

|  |
| --- |
| **<!doctype html>**  <html lang="en">  <head>  <meta charset="utf-8">  <title>after demo</title>  <style>  p {  background: yellow;  }  </style>  <script src="https://code.jquery.com/jquery-1.10.2.js"></script>  </head>  <body>    <p>I would like to say: </p>    <script>  $( "p" ).after( document.createTextNode( "Hello" ) );  </script>    </body>  </html> |

I would like to say:

Hello

Inserts a jQuery object (similar to an Array of DOM Elements) after all paragraphs.

|  |
| --- |
| **<!doctype html>**  <html lang="en">  <head>  <meta charset="utf-8">  <title>after demo</title>  <style>  p {  background: yellow;  }  </style>  <script src="https://code.jquery.com/jquery-1.10.2.js"></script>  </head>  <body>    <b>Hello</b>  <p>I would like to say: </p>    <script>  $( "p" ).after( $( "b" ) );  </script>    </body>  </html> |

I would like to say:

**Hello**

# .append()

**:***Insert content, specified by the parameter, to the end of each element in the set of matched elements.*

Appends some HTML to all paragraphs.

|  |
| --- |
| **<!doctype html>**  <html lang="en">  <head>  <meta charset="utf-8">  <title>append demo</title>  <style>  p {  background: yellow;  }  </style>  <script src="https://code.jquery.com/jquery-1.10.2.js"></script>  </head>  <body>    <p>I would like to say: </p>    <script>  $( "p" ).append( "<strong>Hello</strong>" );  </script>    </body>  </html> |

#### Demo:

I would like to say: **Hello**

Appends an Element to all paragraphs.

<html lang="en">

<head>

<meta charset="utf-8">

<title>append demo</title>

<style>

p {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>I would like to say: </p>

<script>

$( "p" ).append( document.createTextNode( "Hello" ) );

</script>

</body>

</html>

I would like to say: Hello

Appends a jQuery object (similar to an Array of DOM Elements) to all paragraphs.

|  |
| --- |
| **<!doctype html>**  <html lang="en">  <head>  <meta charset="utf-8">  <title>append demo</title>  <style>  p {  background: yellow;  }  </style>  <script src="https://code.jquery.com/jquery-1.10.2.js"></script>  </head>  <body>    <strong>Hello world!!!</strong>  <p>I would like to say: </p>    <script>  $( "p" ).append( $( "strong" ) );  </script>    </body>  </html> |

#### Demo:

I would like to say: **Hello world!!!**

# .appendTo()

*Insert every element in the set of matched elements to the end of the target.*

Append all spans to the element with the ID "foo" (Check append() documentation for more examples)

|  |
| --- |
| **<!doctype html>**  <html lang="en">  <head>  <meta charset="utf-8">  <title>appendTo demo</title>  <style>  **#foo** {  background: yellow;  }  </style>  <script src="https://code.jquery.com/jquery-1.10.2.js"></script>  </head>  <body>    <span>I have nothing more to say... </span>    <div id="foo">FOO! </div>    <script>  $( "span" ).appendTo( "#foo" );  </script>    </body>  </html> |

#### Demo:

FOO! I have nothing more to say...

# .attr()

Get the value of an attribute for the first element in the set of matched elements or set one or more attributes for every matched element.

Display the checked attribute and property of a checkbox as it changes.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>attr demo</title>

<style>

p {

margin: 20px 0 0;

}

b {

color: blue;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<input id="check1" type="checkbox" checked="checked">

<label for="check1">Check me</label>

<p></p>

<script>

$( "input" )

.change(**function**() {

**var** $input = $( **this** );

$( "p" ).html( ".attr( 'checked' ): <b>" + $input.attr( "checked" ) + "</b><br>" +

".prop( 'checked' ): <b>" + $input.prop( "checked" ) + "</b><br>" +

".is( ':checked' ): <b>" + $input.is( ":checked" ) + "</b>" );

})

.change();

</script>

</body>

</html>

 Check me

.attr( 'checked' ): **checked**  
.prop( 'checked' ): **true**  
.is( ':checked' ): **true**

Find the title attribute of the first <em> in the page.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>attr demo</title>

<style>

em {

color: blue;

font-weight: bold;

}

div {

color: red;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>Once there was a <em title="huge, gigantic">large</em> dinosaur...</p>

The title of the emphasis is:<div></div>

<script>

**var** title = $( "em" ).attr( "title" );

$( "div" ).text( title );

</script>

</body>

</html>

Once there was a ***large*** dinosaur...

The title of the emphasis is:

huge, gigantic

Set some attributes for all <img>s in the page.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>attr demo</title>

<style>

img {

padding: 10px;

}

div {

color: red;

font-size: 24px;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<img>

<img>

<img>

<div><b>Attribute of Ajax</b></div>

<script>

$( "img" ).attr({

src: "/resources/hat.gif",

title: "jQuery",

alt: "jQuery Logo"

});

$( "div" ).text( $( "img" ).attr( "alt" ) );

</script>

</body>

</html>

jQuery Logo jQuery Logo jQuery Logo

jQuery Logo

Set the id for divs based on the position in the page.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>attr demo</title>

<style>

div {

color: blue;

}

span {

color: red;

}

b {

font-weight: bolder;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<div>Zero-th <span></span></div>

<div>First <span></span></div>

<div>Second <span></span></div>

<script>

$( "div" )

.attr( "id", **function**( arr ) {

**return** "div-id" + arr;

})

.each(**function**() {

$( "span", **this** ).html( "(id = '<b>" + **this**.id + "</b>')" );

});

</script>

</body>

</html>

Zero-th (id = '**div-id0**')

First (id = '**div-id1**')

Second (id = '**div-id2**')

Set the src attribute from title attribute on the image.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>attr demo</title>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<img title="hat.gif">

<script>

$( "img" ).attr( "src", **function**() {

**return** "/resources/" + **this**.title;

});

</script>

</body>

</html>

http://api.jquery.com/resources/hat.gif

# .before()

# *Insert content, specified by the parameter, before each element in the set of matched elements.*

# Inserts some HTML before all paragraphs.

|  |
| --- |
| **<!doctype html>**  <html lang="en">  <head>  <meta charset="utf-8">  <title>before demo</title>  <style>  p {  background: yellow;  }  </style>  <script src="https://code.jquery.com/jquery-1.10.2.js"></script>  </head>  <body>    <p> is what I said...</p>    <script>  $( "p" ).before( "<b>Hello</b>" );  </script>    </body>  </html> |

#### Demo:

**Hello**

is what I said...

# Inserts a DOM element before all paragraphs.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>before demo</title>

<style>

p {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p> is what I said...</p>

<script>

$( "p" ).before( document.createTextNode( "Hello" ) );

</script>

</body>

</html>

Hello

is what I said...

# Inserts a jQuery object (similar to an Array of DOM Elements) before all paragraphs.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>before demo</title>

<style>

p {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p> is what I said...</p><b>Hello</b>

<script>

$( "p" ).before( $( "b" ) );

</script>

</body>

</html>

**Hello**

is what I said...

# .css()

# *Get the computed style properties for the first element in the set of matched elements.*

# *Get the background color of a clicked div.*

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>css demo</title>

<style>

div {

width: 60px;

height: 60px;

margin: 5px;

float: left;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<span id="result">&nbsp;</span>

<div style="background-color:blue;"></div>

<div style="background-color:rgb(15,99,30);"></div>

<div style="background-color:#123456;"></div>

<div style="background-color:#f11;"></div>

<script>

$( "div" ).click(**function**() {

**var** color = $( **this** ).css( "background-color" );

$( "#result" ).html( "That div is <span style='color:" +

color + ";'>" + color + "</span>." );

});

</script>

</body>

</html>

# 

# *.* Get the width, height, text color, and background color of a clicked div.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>css demo</title>

<style>

div {

height: 50px;

margin: 5px;

padding: 5px;

float: left;

}

**#box1** {

width: 50px;

color: yellow;

background-color: blue;

}

**#box2** {

width: 80px;

color: rgb(255, 255, 255);

background-color: rgb(15, 99, 30);

}

**#box3** {

width: 40px;

color: #fcc;

background-color: #123456;

}

**#box4** {

width: 70px;

background-color: #f11;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p id="result">&nbsp;</p>

<div id="box1">1</div>

<div id="box2">2</div>

<div id="box3">3</div>

<div id="box4">4</div>

<script>

$( "div" ).click(**function**() {

**var** html = [ "The clicked div has the following styles:" ];

**var** styleProps = $( **this** ).css([

"width", "height", "color", "background-color"

]);

$.each( styleProps, **function**( prop, value ) {

html.push( prop + ": " + value );

});

$( "#result" ).html( html.join( "<br>" ) );

});

</script>

</body>

</html>

# 

# Change the color of any paragraph to red on mouseover event.

|  |
| --- |
| **<!doctype html>**  <html lang="en">  <head>  <meta charset="utf-8">  <title>css demo</title>  <style>  p {  color: blue;  width: 200px;  font-size: 14px;  }  </style>  <script src="https://code.jquery.com/jquery-1.10.2.js"></script>  </head>  <body>    <p>Just roll the mouse over me.</p>    <p>Or me to see a color change.</p>    <script>  $( "p" ).on( "mouseover", **function**() {  $( **this** ).css( "color", "red" );  });  </script>    </body>  </html> |

#### Demo:

Just roll the mouse over me.

Or me to see a color change.

Increase the width of #box by 200 pixels the first time it is clicked.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>css demo</title>

<style>

**#box** {

background: black;

color: snow;

width: 100px;

padding: 10px;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<div id="box">Click me to grow</div>

<script>

$( "#box" ).one( "click", **function**() {

$( **this** ).css( "width", "+=200" );

});

</script>

</body>

</html>

Click me to grow

Highlight a clicked word in the paragraph.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>css demo</title>

<style>

p {

color: blue;

font-weight: bold;

cursor: pointer;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>

Once upon a time there was a man

who lived in a pizza parlor. This

man just loved pizza and ate it all

the time. He went on to be the

happiest man in the world. The end.

</p>

<script>

**var** words = $( "p" ).first().text().split( /\s+/ );

**var** text = words.join( "</span> <span>" );

$( "p" ).first().html( "<span>" + text + "</span>" );

$( "span" ).on( "click", **function**() {

$( **this** ).css( "background-color", "yellow" );

});

</script>

</body>

</html>

**Once upon a time there was a man who lived in a pizza parlor. This man just loved pizza and ate it all thetime. He went on to be the happiest man in the world. The end**

Change the font weight and background color on mouseenter and mouseleave.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>css demo</title>

<style>

p {

color: green;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>Move the mouse over a paragraph.</p>

<p>Like this one or the one above.</p>

<script>

$( "p" )

.on( "mouseenter", **function**() {

$( **this** ).css({

"background-color": "yellow",

"font-weight": "bolder"

});

})

.on( "mouseleave", **function**() {

**var** styles = {

backgroundColor : "#ddd",

fontWeight: ""

};

$( **this** ).css( styles );

});

</script>

</body>

</html>

Move the mouse over a paragraph.

Like this one or the one above.

Increase the size of a div when you click it.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>css demo</title>

<style>

div {

width: 20px;

height: 15px;

background-color: #f33;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<div>click</div>

<div>click</div>

<script>

$( "div" ).on( "click", **function**() {

$( **this** ).css({

width: **function**( index, value ) {

**return** parseFloat( value ) \* 1.2;

},

height: **function**( index, value ) {

**return** parseFloat( value ) \* 1.2;

}

});

});

</script>

</body>

</html>

click

click

# .html()

Get the HTML contents of the first element in the set of matched elements or set the HTML contents of every matched element.

Click a paragraph to convert it from html to text.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>html demo</title>

<style>

p {

margin: 8px;

font-size: 20px;

color: blue;

cursor: pointer;

}

b {

text-decoration: underline;

}

button {

cursor: pointer;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>

<b>Click</b> to change the <span id="tag">html</span>

</p>

<p>

to a <span id="text">text</span> node.

</p>

<p>

This <button name="nada">button</button> does nothing.

</p>

<script>

$( "p" ).click(**function**() {

**var** htmlString = $( **this** ).html();

$( **this** ).text( htmlString );

});

</script>

</body>

</html>

**Click** to change the html

to a text node.

This button does nothing.

Add some html to each div.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>html demo</title>

<style>

**.red** {

color: red;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<span>Hello</span>

<div></div>

<div></div>

<div></div>

<script>

$( "div" ).html( "<span class='red'>Hello <b>Again</b></span>" );

</script>

</body>

</html>

Hello

Hello **Again**

Hello **Again**

Hello **Again**

*Add some html to each div then immediately do further manipulations to the inserted html.*

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>html demo</title>

<style>

div {

color: blue;

font-size: 18px;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<div></div>

<div></div>

<div></div>

<script>

$( "div" ).html( "<b>Wow!</b> Such excitement..." );

$( "div b" )

.append( document.createTextNode( "!!!" ) )

.css( "color", "red" );

</script>

</body>

</html>

**Wow!!!!** Such excitement...

**Wow!!!!** Such excitement...

**Wow!!!!** Such excitement...

# .prepend()

# *Insert content, specified by the parameter, to the beginning of each element in the set of matched elements.*

# Prepends some HTML to all paragraphs.

<html lang="en">

<head>

<meta charset="utf-8">

<title>prepend demo</title>

<style>

p {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>there, friend!</p>

<p>amigo!</p>

<script>

$( "p" ).prepend( "<b>Hello </b>" );

</script>

</body>

**Hello**there, friend!

**Hello**amigo!

# Prepends a DOM Element to all paragraphs.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>prepend demo</title>

<style>

p {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p>is what I'd say</p>

<p>is what I said</p>

<script>

$( "p" ).prepend( document.createTextNode( "Hello " ) );

</script>

</body>

</html>

Hello is what I'd say

Hello is what I said

# Prepends a jQuery object (similar to an Array of DOM Elements) to all paragraphs.

**<!doctype html>**

<html lang="en">

<head>

<meta charset="utf-8">

<title>prepend demo</title>

<style>

p {

background: yellow;

}

</style>

<script src="https://code.jquery.com/jquery-1.10.2.js"></script>

</head>

<body>

<p> is what was said.</p><b>Hello</b>

<script>

$( "p" ).prepend( $( "b" ) );

</script>

</body>

</html>

# Hello is what was said.