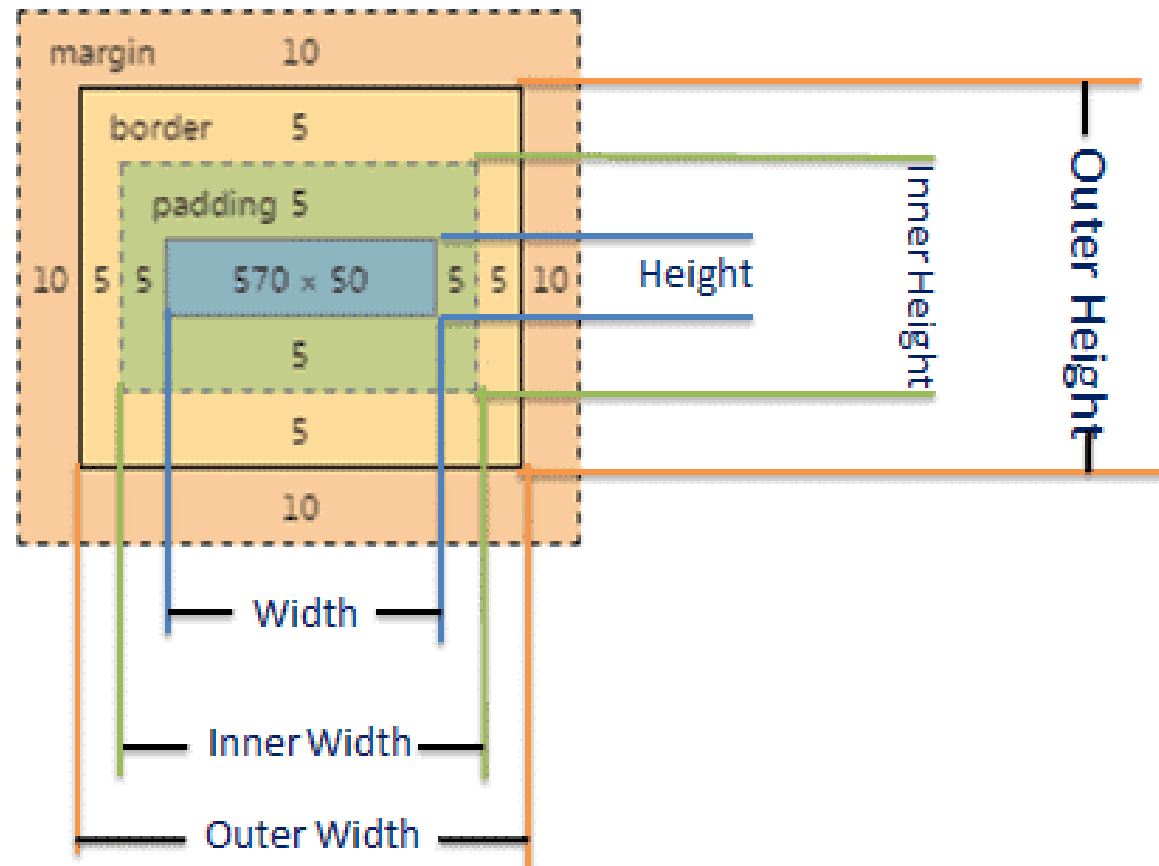# Manipulate DOM Element's Dimensions using jQuery

The jQuery library includes various methods to manipulate DOM element's dimensions like height, width, offset, position etc.

jQuery Method	Description
height()	Get or set height of the specified element(s).
innerHeight()	Get or set inner height (padding + element's height) of the specified element(s).
outerHeight()	Get or set outer height (border + padding + element's height) of the specified element(s).
offset()	Get or set left and top coordinates of the specified element(s).
position()	Get the current coordinates of the specified element(s).
width()	Get or set the width of the specified element(s).
innerWidth()	Get or set the inner width (padding + element's width) of the specified element(s).
outerWidth()	Get or set outer width (border + padding + element's width) of the specified element(s).

```html
<div id="myDiv" style="margin:10px 10px 10px 10px;border:5px solid black;padding:5px 5px 5px 5px;height:50px;" >
    This is div.
</div>
```

jQuery height() Method

The jQuery height()method gets or sets height of the specified DOM element(s).

Syntax:

$('selector expression').height(value);

```
Example: jQuery height() Method
$('#myDiv').height(); //returns height of #myDiv in pixels
$('p').height(); //returns height in pixel

//set height of all div elements
$('div').height(100);

<div id="myDiv" >
    This is div.
</div>

<p>
    This is paragraph.
</p>
```

jQuery width() Method

The jQuery width() method gets or sets width of the specified DOM element(s).

Syntax:

$('selector expression').width(value);

```
Example: jQuery width() Method
$('#myDiv').width(); //returns width of #myDiv in pixels
$('p').width(); //returns width of p in pixel

//set width of all div elements
$('div').width(100);

<div id="myDiv" >
    This is div.
</div>

<p>
    This is paragraph.
</p>
```

jQuery offset() Method

The jQuery offset() method gets or sets coordinates of the specified element(s)

Syntax:

```
$('selector expression').offset(options);
```

Example: jQuery offset() Method
```
var ofs = $('#myDiv').offset();
alert('left:' + ofs.left + ', top: ' + ofs.top);

$('p').offset({ left:100, top:200});

<div id="myDiv" >
    This is div.
</div>

<p>
    This is paragraph.
</p>
```