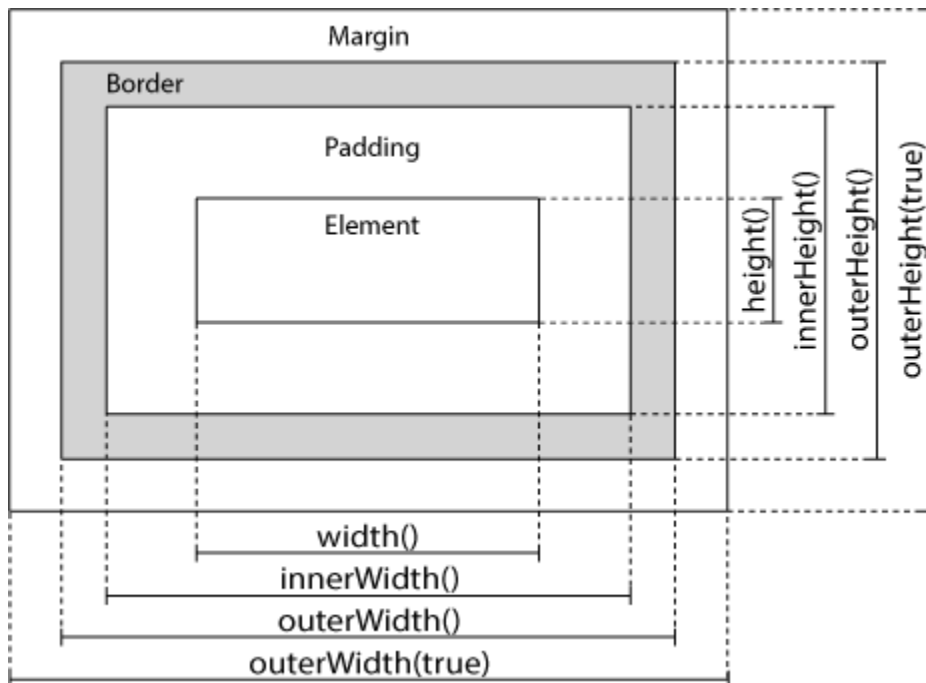


Dimensions Method in jQuery

jQuery has several important methods for working with dimensions:

- `width()`
- `height()`
- `innerWidth()`
- `innerHeight()`
- `outerWidth()`
- `outerHeight()`



jQuery `width()` and `height()` Methods

The `unwrap()` method removes the parent element of the selected elements.

The `width()` method sets or returns the width of an element (excludes padding, border and margin).

The height() method sets or returns the height of an element (excludes padding, border and margin).

The following example returns the width and height of a specified <div> element:

Example

```
$("#button").click(function(){  
    var txt = "";  
    txt += "Width: " + $("#div1").width() + "<br>";  
    txt += "Height: " + $("#div1").height();  
    $("#div1").html(txt);  
});
```

jQuery innerWidth() and innerHeight() Methods

The innerWidth() method returns the width of an element (includes padding).

The innerHeight() method returns the height of an element (includes padding).

The following example returns the inner-width/height of a specified <div> element:

Example

```
$("#button").click(function(){  
    var txt = "";  
    txt += "Inner width: " + $("#div1").innerWidth() + "<br>";  
    txt += "Inner height: " + $("#div1").innerHeight();  
    $("#div1").html(txt);  
});
```

jQuery `outerWidth()` and `outerHeight()` Methods

The `outerWidth()` method returns the width of an element (includes padding and border).

The `outerHeight()` method returns the height of an element (includes padding and border).

The following example returns the outer-width/height of a specified `<div>` element:

Example

```
$("#button").click(function(){  
    var txt = "";  
    txt += "Outer width: " + $("#div1").outerWidth() + "<br>";  
    txt += "Outer height: " + $("#div1").outerHeight();  
    $("#div1").html(txt);  
});
```

The `outerWidth(true)` method returns the width of an element (includes padding, border, and margin).

The `outerHeight(true)` method returns the height of an element (includes padding, border, and margin).

Example

```
$("#button").click(function(){  
    var txt = "";  
    txt += "Outer width (+margin): " + $("#div1").outerWidth(true) + "<br>";  
    txt += "Outer height (+margin): " + $("#div1").outerHeight(true);  
    $("#div1").html(txt);  
});
```

jQuery More width() and height()

The `outerWidth()` method returns the width of an element (includes padding and border).

The `outerHeight()` method returns the height of an element (includes padding and border).

The following example returns the width and height of the document (the HTML document) and window (the browser viewport):

Example

```
$("#button").click(function(){  
    var txt = "";  
    txt += "Document width/height: " + $(document).width();  
    txt += "x" + $(document).height() + "\n";  
    txt += "Window width/height: " + $(window).width();  
    txt += "x" + $(window).height();  
    alert(txt);  
});
```

The following example sets the width and height of a specified `<div>` element:

Example

```
$("#button").click(function(){  
    $("#div1").width(500).height(500);  
});
```

Source Code:

```
<!DOCTYPE html>  
<html lang="en">  
  
<head>  
    <meta charset="UTF-8">  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Dimensions Method in jQuery</title>
<style>
    .box {
        width: 300px;
        height: 300px;
    }

    #test1 {
        background-color: aqua;
        border: 2px solid black;
        overflow: auto;
        padding: 10px 10px;
        border: 5px solid black;
        margin: 10px 10px;
    }

    #box {
        background-color: red;
    }
    .green{
        background-color: green;
    }
</style>
<script src="jquery-3.7.1.min.js"></script>
</head>

<body>

    <h1>Dimensions Method in jQuery</h1>
    <div class="box" id="test1">

        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Esse quia
quasi expedita fssimus eum dolor. Iure adipisci voluptates esse cupiditate sunt
nostrum! .
        </p>

        <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Esse quia
quasi expedita fssimus eum dolor. Iure adipisci voluptates esse cupiditate sunt
nostrum! .
        </p>

    </div>

    <button id="btnWidth">Width</button>
    <button id="btnHight">Hight</button>
```

```
<script>
    $(document).ready(function() {
        $('#btnWidth').click(function(){
            console.log("Width is: "+$('#test1').width());
            console.log("inner Width is: "+$('#test1').innerWidth());
            console.log("Outer Width is: "+$('#test1').outerWidth());
            console.log("Outer Width true is: "+$('#test1').outerWidth(true));
        });

        $('#btnHight').click(function(){

            //set Height
            $('#test1').height('400px');

            // Get height
            console.log("Height is: "+$('#test1').height());
            console.log("inner Height is: "+$('#test1').innerHeight());
            console.log("Outer Height is: "+$('#test1').outerHeight());
            console.log("Outer Height true is:
"+$('#test1').outerHeight(true));
        });
    });
</script>
</body>

</html>
```

Thank You