

jQuery Effects –Sliding Method in jQuery

With jQuery you can create a sliding effect on elements.

jQuery has the following slide methods:

- `slideDown()`
- `slideUp()`
- `slideToggle()`

jQuery `slideDown()` Method

The jQuery `slideDown()` method is used to slide down an element.

Syntax:

```
$(selector).slideDown(speed,callback);
```

The optional speed parameter specifies the duration of the effect. It can take the following values: "slow", "fast", or milliseconds.

The optional callback parameter is a function to be executed after the sliding completes.

The following example demonstrates the `slideDown()` method:

Example

```
$("#flip").click(function(){  
    $("#panel").slideDown();  
});
```

jQuery `slideUp()` Method

The jQuery `slideUp()` method is used to slide up an element.

Syntax:

```
$(selector).slideUp(speed,callback);
```

The optional speed parameter specifies the duration of the effect. It can take the following values: "slow", "fast", or milliseconds.

The optional callback parameter is a function to be executed after the sliding completes.

The following example demonstrates the slideUp() method:

Example

```
$("#flip").click(function(){  
    $("#panel").slideUp();  
});
```

jQuery slideToggle() Method

The jQuery slideToggle() method toggles between the slideDown() and slideUp() methods.

If the elements have been slid down, slideToggle() will slide them up.

If the elements have been slid up, slideToggle() will slide them down.

```
$(selector).slideToggle(speed,callback);
```

The optional speed parameter can take the following values: "slow", "fast", milliseconds.

The optional callback parameter is a function to be executed after the sliding completes.

The following example demonstrates the slideToggle() method:

Example

```
$("#flip").click(function(){  
    $("#panel").slideToggle();  
});
```

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>Sliding Method in jQuery</title>  
    <style>  
        .box {  
            width: 300px;  
            height: 300px;  
        }  
  
        #test1 {  
            background-color: aqua;  
            border: 2px solid black;  
            overflow: auto;  
            padding: 10px 10px;  
        }  
  
    </style>  
    <script src="jquery-3.7.1.min.js"></script>  
</head>  
  
<body>  
  
    <h1> Sliding Method in jQuery</h1>  
    <div class="box" id="test1">  
        <h1>Box Dev</h1>
```

```
<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="btnSlideUp">SlideUp</button>  
<button id="btnSlideDown">SlideDown</button>  
<button id="btnSlideToggle">SlideToggle</button>  
  
<script>  
  $(document).ready(function() {  
    $('#btnSlideDown').click(function() {  
      $('#test1').slideDown(2000);  
    })  
  
    $('#btnSlideUp').click(function() {  
      $('#test1').slideUp("slow");  
    })  
  
    $('#btnSlideToggle').click(function() {  
      $('#test1').slideToggle("fast");  
    })  
  
  });  
</script>  
</body>  
  
</html>
```

Thank You