

jQuery Sliding Methods

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 1:-

```
<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

<script>

$(document).ready(function(){

    $("#flip").click(function(){
```

```
    $("#panel").slideDown("slow");
  });
});
</script>
<style>
#panel, #flip {
  padding: 5px;
  text-align: center;
  background-color: #e5eccc;
  border: solid 1px #c3c3c3;
}

#panel {
  padding: 50px;
  display: none;
}
</style>
</head>
<body>

<div id="flip">Click to slide down panel</div>

<div id="panel">Hello world!</div>

</body>
</html>
```

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 :-

```
<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

<script>

$(document).ready(function(){

    $("#flip").click(function(){

        $("#panel").slideUp("slow");

    });

});

</script>

<style>

#panel, #flip {

    padding: 5px;

    text-align: center;
```

```
background-color: #e5eccc;

border: solid 1px #c3c3c3;

}

#panel {

padding: 50px;

}

</style>

</head>

<body>

<div id="flip">Click to slide up panel</div>

<div id="panel">Hello world!</div>

</body>

</html>
```

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:

```
<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

<script>

$(document).ready(function(){

    $("#flip").click(function(){

        $("#panel").slideToggle("slow");

    });

});

</script>

<style>

#panel, #flip {

    padding: 5px;

    text-align: center;

    background-color: #e5eccc;

    border: solid 1px #c3c3c3;

}

#panel {

    padding: 50px;

    display: none;

}

}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div id="flip">Click to slide the panel down or up</div>
```

```
<div id="panel">Hello world!</div>
```

```
</body>
```

```
</html>
```