How to use jQuery setTimeout function

Virendra   Thursday, February 9, 2012   jQuery   jQuery Code Examples   jQuery Codes   set

If you want to **delay** your **jQuery code** to run after some amount of time, you can use JavaScript **setTimeout** function to delay the execution. **setTimeout** is used in JavaScript to delay execution code and the same function can be use with **jQuery** without any extra effort. Since jQuery is wri top of JavaScript, so you can use all JavaScript functions with jQuery as well. Read **how to use Jav String Functions in jQuery**.

setTimeout function can be used for **reloading page**, **show/hide jQuery UI Datepicker** and for **div disappear or appear after few seconds**.

Related Post:

- **Common jQuery Mistakes**
- **Latest jQuery interview questions and answers**
- **All kind of Client Side Validation using jQuery**

The Basic syntax for setTimeout function is,

```
1  setTimeout(function() {
2      // Do something after 2 seconds
3  }, 2000);
```

The **setTimeout** function takes the times in miliseconds. And the block can contain either your **j**

code, or you can also make a call to any function.

For example, if I want to make div element fade out then you can use below code. It will fade out with id "dvData" after 2 seconds.

```
1  $(document).ready(function(){
2      setTimeout(function(){
3          $('#dvData').fadeOut();}, 2000);
4  });
```

The above code will fade out the div after 2 seconds automatically when page is loaded.

See Demo & Code

You can also call this on button click as well. All you need to do is to put the above code on click

```
1  $(document).ready(function() {
2      $("#btnFade").bind("click",function() {
3        setTimeout(function() {
4          $('#dvData').fadeOut();}, 2000);
5    });
6  });
```

See Demo & Code

You can also use below alternative that is create a function and call it on click of button.

```
01  $(document).ready(function() {
02      $('#btnFade').bind('click', function() {
03        FadeOut();
04    });
05    function FadeOut()
06    {
07        setTimeout(function() {
08          $('#dvData').fadeOut();}, 2000);
09    }
10  });
```

As I mentioned earlier that with **setTimeout()**, you can also make a call to another function. Till now were writing a piece of code and that is ideal if your code is one line but when lines of code is m is better to create a separate function and call it in setTimeout().

```
01  $(document).ready(function() {
02      $('#btnFade').bind('click', function() {
03        FadeOut();
04    });
```

```
10
11    function FadeDiv()
12    {
13      $('#dvData').fadeOut();
14    }
15  });
```

See Demo & Code

Feel free to contact me for any help related to jQuery, I will gladly help you.

☐ jQuery   jQuery Code Examples   jQuery Codes   setTimeOut

SHARE   SHARE   SHARE

Virendra

Nothing shocks me, I'm a Software Engineer. And I am not young enough to know everything. I live in World Wide Web and from there take care of this website. This website communicates about my work, learning and experience. I believe life is short, and it is for lovir sharing, learning and connecting. So lets connect..

☐   ☐   ☐   ☐   ☐

X

RELATED POSTS

How to Limit Number of Characters in Textarea...

Detect IE11 using JavaScript/jQuery

jQuery on() - Click event working for dyn...

SHOW COMMENTS

Newer Post   Home   (

CATEGORIES

- ASP.NET
- ASP.NET Grid View
- CSS
- Downloads
- Ebooks
- Error
- GridView
- HTML 5
- jQuery
- jQuery Ajax
- jQuery Books
- jQuery Cheat Sheets
- jQuery Codes
- jQuery DatePicker
- jQuery For Beginners
- jQuery Interview Question
- jQuery Mobile
- jQuery Plugins
- jQuery Tips
- jQuery UI

RECENT POSTS

10 jQuery Vimeo Plugins

15 jQuery Sticky HTML Element Plugins

10 Newest Interesting jQuery Plugins

10 jQuery Plugins to Enhance Tables

10 jQuery Plugins for Social Sharing Buttons

10 jQuery Plugins to Create Flip Effects

LINKS

Home

Contact

RSS

Subscribe Newsletter

Share with us

Privacy Policy