

# TimeSpinner documentation

version 0.4 / 03/04/08

<http://j.a.l.free.fr/mootools/timespinner/>

## overview

TimeSpinner is a widget for the javascript framework **Mootools**. You can download it here :

<http://mootools.net/download>

Its purpose is to allow users to quickly inc/dec a time, mainly for events, schedules, range selections etc.. This is Not a precision chronometer.



## options

- **increment** : *numeric*, Number of minutes the time will increase/decrease at every button press. Default 15min
- **separator** : *string*, hours and minutes separator, default ':'
- **range** : *list*, range the widget must stay within.
  - low** : *numeric*, lower time allowed in minutes, default none (-1).
  - high** : *numeric*, higher time allowed in minutes, default none (-1)
- **delay** : *numeric*, delay in millisecond between 2 automatics increase/decrease when holding the mouse button down.
- **alarm** : *array*, array of time (in minutes) at which trigger the 'doAlarm' event.
- **'doAlarm'** : event callback

## constructor

TimeSpinner( obj, options, time );

- **obj** : name of the obj – text input to attach too. **Mandatory**.
- **options** : list of options. **Optionnal**.
- **time** : time to initialize this timespinner with. Number – in minutes – or Date object. **Optionnal**. Default to current time.

## Sample :

1. This will add a timespinner capability -with default options - to element 'example1'

```
<input type="text" name="example1" id="example1" size="10"/><br>
var spinner1 = new TimeSpinner($('example1'));
```

2. This example set some options, and initialise the widget at 15:00

```
<input type="text" name="example2" id="example2" size="10"/><br>
var spinner2 = new TimeSpinner($('example2'),
    {increment: 10, range: { low:840, high:1080 }, delay:400}, 900 );
```

3. Now trigger the event 'doAlarm' of 'message' at 15:30 and 17:00. Use a date object for init time.

```
var spinner3 = new TimeSpinner($('example3'),
    {increment: 10, range: { low:840, high:1080 }, delay:400, alarm:[930, 1020]
    doAlarm: function(val) {    }},mdate);
```

# Install

before use it, you need to add mootools framework, timespinner class (!) and css file :

```
<link rel="stylesheet" type="text/css" href="timespinner.css">
<script src="mootools.js"></script>
<script src="timespinner.js"></script>
```

## Example

```
<html>
  <body>
    <head></head>
    <link rel="stylesheet" type="text/css" href="timespinner.css">

    <script src="mootools.js"></script>
    <script src="timespinner.js"></script>

    <form>
      Select a time : <input type="text" name="example3" id="example3" size="10"/><br>
      message : <input type="text" name="message" id="message" size="30"/>
    </form>

    <script>
      $('message').addEvent('alarm', function(val){
        var m = val.time % 60;
        var h = (val.time - m) / 60;
        this.value = "" + val.who + " fire event at " + h + ":" + m;
      });

      var mdate = new Date();
      mdate.setHours( 15 );
      mdate.setMinutes( 0 );
      var spinner3 = new TimeSpinner($('example3'),
        {increment: 10, range: { low:840, high:1080 }, delay:400, alarm:[930, 1020],
        'doAlarm': function(val) {
          var m = val.time % 60;
          var h = (val.time - m) / 60;
          alert(val.who + " fire event at " + h + ":" + m );
        }},
        mdate);
    </script>

  </body>
</html>
```