(/) (/jqplugins/) (/joomla/) (/contacts.html)
jQuery Plugins   jQuery Plugins by XDSoft   Joomla   Contacts

(/minimysqladmin.html) (/jquery-plugins/submit)
Mini analogue phpMyAdmin   Submit Plugin

(/web-news/main/web-news/blog)
Web News

Main (/)   jQuery Plugins by XDSoft (/jqplugins/)   DateTimePicker

666 Comments (http://xdsoft.net/jqplugins/datetimepicker/#disqus_thread)

DateTimePicker jQuery plugin

select date and time

Use this plugin to unobtrusively add a datetimepicker, datepicker or timepicker dropdown to your forms. It's easy to customize options. Source code on GitHub (https://github.com /xdan/datetimepicker) or download (zip) (https://github.com /xdan/datetimepicker/archive/master.zip).

DateTimepicker

2015/04/15 05:06

Use mask DateTimepicker

____/__/__ __:__

TimePicker

12:00

DatePicker

Inline DateTimePicker

[(/)](/)   Autocomplete Like Google (/jqplugins/autocomplete)

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	01:00
49	30	1	2	3	4	5	6	02:00
50	7	8	9	10	11	12	13	03:00
51	14	15	16	17	18	19	20	04:00
52	21	22	**23**	24	25	26	27	05:00
53	28	29	30	31	1	2	3	06:00

Dark theme

December   2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat	01:00
30	1	2	3	4	5	6	02:00
7	8	9	10	11	12	13	03:00
14	15	16	17	18	19	20	04:00
21	22	**23**	24	25	26	27	05:00
28	29	30	31	1	2	3	06:00

How do I use it?

First include to page css and js files

```
<!-- this should go after your </body> -->
<link rel="stylesheet" type="text/css" href="/jquery.datetimepicker.css"/ >
<script src="/jquery.js"></script>
<script src="/jquery.datetimepicker.js"></script>
```

Examples

Simple init DateTimePicker Example

HTML

```
<input id="datetimepicker" type="text" >
```

javaScript

```
jQuery('#datetimepicker').datetimepicker();
```

Result

2014/03/15 05:06

 (/) Autocomplete Like Google (/jqplugins/autocomplete) sort by

i18n DatePicker Example

All supported languages here

javaScript

```
jQuery('#datetimepicker1').datetimepicker({
  lang:'de',
  i18n:{
   de:{
    months:[
      'Januar','Februar','März','April',
      'Mai','Juni','Juli','August',
      'September','Oktober','November','Dezember',
     ],
     dayOfWeek:[
      "So.", "Mo", "Di", "Mi",
      "Do", "Fr", "Sa.",
     ]
    }
  },
  timepicker:false,
  format:'d.m.Y'
});
```

Result

15.08.2013

Only TimePicker Example

javaScript

```
jQuery('#datetimepicker2').datetimepicker({
   datepicker:false,
   format:'H:i'
});
```

Result

23:16

Date Time Picker start date

javaScript

```
jQuery('#datetimepicker_start_time').datetimepicker({
    startDate:'+1971/05/01'//or 1986/12/08
});
```

Result

Date Time Picker from unixtime

javaScript

```
jQuery('#datetimepicker_unixtime').datetimepicker({
    format:'unixtime'
});
```

Result

Inline DateTimePicker Example

javaScript

```
jQuery('#datetimepicker3').datetimepicker({
    format:'d.m.Y H:i',
    inline:true,
    lang:'ru'
});
```

Result

December			2013					
Sun	Mon	Tue	Wed	Thu	Fri	Sat	18:00
1	2	3	4	5	6	7	19:00
8	9	**10**	11	12	13	14	20:00
15	16	17	18	19	20	21	21:00
22	23	24	25	26	27	28	22:00
29	30	31	1	2	3	4	**23:00**

Icon trigger

Click the icon next to the input field to show the datetimepicker

javaScript

```
jQuery('#datetimepicker4').datetimepicker({
   format:'d.m.Y H:i',
   lang:'ru'
});
```

and handler onclick event

```
jQuery('#image_button').click(function(){
   jQuery('#datetimepicker4').datetimepicker('show'); //support hide,show and destroy command
});
```

Result

25.12.2013 23:45

allowTimes options TimePicker Example

javaScript

```
jQuery('#datetimepicker5').datetimepicker({
 datepicker:false,
 allowTimes:[
   '12:00', '13:00', '15:00',
   '17:00', '17:05', '17:20', '19:00', '20:00'
 ]
});
```

Result

23:45

handler onChangeDateTime Example

javaScript

```
jQuery('#datetimepicker6').datetimepicker({
   timepicker:false,
   onChangeDateTime:function(dp,$input){
     alert($input.val())
   }
});
```

Result

minDate and maxDate Example

```
jQuery('#datetimepicker7').datetimepicker({
  timepicker:false,
  formatDate:'Y/m/d',
  minDate:'-1970/01/02',//yesterday is minimum date(for today use 0 or -1970/01/01)
  maxDate:'+1970/01/02'//tommorow is maximum date calendar
});
```

Result

2014/12/24 01:16

Use mask input Example

javaScript

```
jQuery('#datetimepicker_mask').datetimepicker({
  timepicker:false,
  mask:true, // '9999/19/39 29:59' - digit is the maximum possible for a cell
});
```

Result

____/__/__

Set options runtime DateTimePicker

If select day is Saturday, the minimum set 11:00, otherwise 8:00

javaScript

```
var logic = function( currentDateTime ){
  // 'this' is jquery object datetimepicker
  if( currentDateTime.getDay()==6 ){
    this.setOptions({
      minTime:'11:00'
    });
  }else
    this.setOptions({
      minTime:'8:00'
    });
};
jQuery('#datetimepicker_rantime').datetimepicker({
  onChangeDateTime:logic,
  onShow:logic
});
```

Result

(/) Autocomplete Like Goo(/jqplugins/autocomple)

sort by

After generating a calendar called the event onGenerate #

Invert settings minDate and maxDate

javaScript

```
jQuery('#datetimepicker8').datetimepicker({
  onGenerate:function( ct ){
    jQuery(this).find('.xdsoft_date')
      .toggleClass('xdsoft_disabled');
  },
  minDate:'-1970/01/2',
  maxDate:'+1970/01/2',
  timepicker:false
});
```

Result

disable all weekend

javaScript

```
jQuery('#datetimepicker9').datetimepicker({
  onGenerate:function( ct ){
    jQuery(this).find('.xdsoft_date.xdsoft_weekend')
      .addClass('xdsoft_disabled');
  },
  weekends:['01.01.2014','02.01.2014','03.01.2014','04.01.2014','05.01.2014','06.01.2014'],
  timepicker:false
});
```

Result

Use other date parser#

Date-functions library (http://www.xaprb.com/blog/2005/12/12/javascript-closures-for-runtime-efficiency/), Baron Schwartz, used in DateTimePicker for parse and format datetime certainly good, but it is licensed under the LGPL. It is not bad and not good. In this example, you see how use other date parse library

Before start, remove code below jquery.datetimepicker.js. Remove all after comment

```
// Parse and Format Library
```

After this add in page next code, as previously

```
<script src="/jquery.datetimepicker.js"></script>
```

After this you must define two methods for Date object

🏠 (/)   Autocomplete Like Google (/jqplugins/autocomplete)   ▾ sort by   🔍

```
Date.parseDate = function( input, format ){
  // you code for convert string to date object
  // simplest variant - use native Date.parse, not given format parametr
  return Date.parse(input);
};
Date.prototype.dateFormat = function( format ){
  //you code for convert date object to format string
  //for example
  switch( format ){
    case 'd': return this.getDate();
    case 'H:i:s': return this.getHours()+':'+this.getMinutes()+':'+this.getSeconds();
    case 'h:i a': return ((this.getHours() %12) ? this.getHours() % 12 : 12)+':'+this.getMinutes(
)+(this.getHours() < 12 ? 'am' : 'pm');
  }
  // or default format
  return this.getDate()+'.'+(this.getMonth()+ 1)+'.'+this.getFullYear();
};
```

It is only example, it is not real code. For real project this.getDate() must be replace to (this.getDate() <0:'0':'')+this.getDate()

This approach will work in a particular project, but does not work in another. Therefore use the other libraries for working with dates - Moment.js (http://momentjs.com/).

How to use moment.js with jquery datetimepicker

Add this code in page

```
<script src="http://momentjs.com/downloads/moment.min.js"></script>
```

After this, again re-define 2 methods

```
Date.parseDate = function( input, format ){
  return moment(input,format).toDate();
};
Date.prototype.dateFormat = function( format ){
  return moment(this).format(format);
};
```

After this, you can init datetimepicker with moment.js format (http://momentjs.com/docs/#/parsing/string-format/)

```
jQuery('#datetimepicker').datetimepicker({
  format:'DD.MM.YYYY h:mm a',
  formatTime:'h:mm a',
  formatDate:'DD.MM.YYYY'
});
```

Range between date

sort by

```
jQuery(function(){
  jQuery('#date_timepicker_start').datetimepicker({
   format:'Y/m/d',
   onShow:function( ct ){
    this.setOptions({
      maxDate:jQuery('#date_timepicker_end').val()?jQuery('#date_timepicker_end').val():false
     })
   },
   timepicker:false
  });
  jQuery('#date_timepicker_end').datetimepicker({
   format:'Y/m/d',
   onShow:function( ct ){
    this.setOptions({
      minDate:jQuery('#date_timepicker_start').val()?jQuery('#date_timepicker_start').val():false
     })
   },
   timepicker:false
  });
 });
```

Result

Start [   ]   End [   ]

Full options list

Name	default	Descr	Ex.
lazyInit	false	Initializing plugin occurs only when the user interacts. Greatly accelerates plugin work with a large number of fields	
value	null	Current value datetimepicker. If it is set, ignored input.value	`{value:'12.03.2013', format:'d.m.Y'}`

Name	default	Descr	sort by Ex.
lang	en	Language i18n ar - Arabic az - Azerbaijanian (Azeri) bg - Bulgarian bs - Bosanski ca - Català ch - Simplified Chinese cs - Čeština da - Dansk de - German el - Ελληνικά en - English en-GB - English (British) es - Spanish et - "Eesti" eu - Euskara fa - Persian fi - Finnish (Suomi) fr - French gl - Galego he - Hebrew (עברית) hr - Hrvatski hu - Hungarian id - Indonesian it - Italian ja - Japanese ko - Korean (한국어) kr - Korean lt - Lithuanian (lietuvių) lv - Latvian (Latviešu) mk - Macedonian (Македонски) mn - Mongolian (Монгол) nl - Dutch no - Norwegian pl - Polish pt - Portuguese pt-BR - Português(Brasil) ro - Romanian ru - Russian se - Swedish sk - Slovenčina sl - Slovenščina sq - Albanian (Shqip) sr - Serbian Cyrillic (Српски)	{lang:'ru'}

(/) Name | default (/jqplugins/autocomplete) Autocomplete Like Google | Descr | ▾ sort by Ex.

Name	default	Descr	Ex.
	sr-YU - Serbian (Srpski) sv - Svenska th - Thai tr - Turkish uk - Ukrainian vi - Vietnamese zh - Simplified Chinese (简体中文) zh-TW - Traditional Chinese (繁體中文)		
format	Y/m/d H:i	Format datetime. More (http://php.net/manual/ru/function.date.php) Also there is a special type of «unixtime»	`{format:'H'}` `{format:'Y'}{format:'unixtime'}`
formatDate	Y/m/d	Format date for minDate and maxDate	`{formatDate:'d.m.Y'}`
formatTime	H:i	Similarly, formatDate . But for minTime and maxTime	`{formatTime:'H'}`
step	60	Step time	`{step:5}`
closeOnDateSelect	0		`{closeOnDateSelect:true}`
closeOnWithoutClick	true		`{ closeOnWithoutClick : false}`
validateOnBlur	true	Verify datetime value from input, when losing focus. If value is not valid datetime, then to value inserts the current datetime	`{ validateOnBlur:false}`
timepicker	true		`{timepicker:false}`
datepicker	true		`{datepicker:false}`
weeks	false	Show week number	`{weeks:true}`

Autocomplete Like Google (/jqplugins/autocomplete)

Name	default	Descr	Ex.
theme	'default'	Setting a color scheme. Now only supported default and dark theme	`{theme:'dark'}`

minDate	false		`{minDate:0} // today`
			`{minDate:'2013/12/03'}`
			`{minDate:'-1970/01/02'}`
			` // yesterday`
			`{minDate:'05.12.2013',formatDate:'d.m.Y'}`

maxDate	false		`{maxDate:0}`
			`{maxDate:'2013/12/03'}`
			`{maxDate:'+1970/01/02'}`
			` // tommorrow`
			`{maxDate:'05.12.2013',formatDate:'d.m.Y'}`

startDate	false	calendar set date use starDate	`{startDate:'1987/12/03'}`
			`{startDate:`**`new Date()`**`}`
			`{startDate:'+1970/01/02'} // tommorrow`
			`{startDate:'08.12.1986',formatDate:'d.m.Y'}`

defaultDate	false	if input value is empty, calendar set date use defaultDate	`{defaultDate:'1987/12/03'}`
			`{defaultDate:`**`new Date()`**`}`
			`{defaultDate:'+1970/01/02'} // tommorrow`
			`{defaultDate:'08.12.1986',formatDate:'d.m.Y'}`

defaultTime	false	if input value is empty, timepicker set time use defaultTime	`{defaultTime:'05:00'}` `{defaultTime:'33-12',formatTime:'i-H'}`

Name	default	Descr	Ex.

minTime	false		`{minTime:0,}// now`
			`{minTime:new Date()}`
			`{minTime:'12:00'}`
			`{minTime:'13:45:34',for`
			`matTime:'H:i:s'}`

maxTime	false		`{maxTime:0,}`
			`{maxTime:'12:00'}`
			`{maxTime:'13:45:34',for`
			`matTime:'H:i:s'}`

allowTimes	[]		`{allowTimes:[`
			`   '09:00',`
			`   '11:00',`
			`   '12:00',`
			`   '21:00'`
			`]}`

mask	false	Use mask for input. true - automatically generates a mask on the field 'format', Digit from 0 to 9, set the highest possible digit for the value. For example: the first digit of hours can not be greater than 2, and the first digit of the minutes can not be greater than 5	`{mask:'9999/19`
			`/39',format:'Y/m/d'}`
			`{mask:true,format:'Y`
			`/m/d'} //`
			`automatically generate`
			`a mask 9999/99/99`
			`{mask:'29:59',format:'H`
			`:i'} //`
			`{mask:true,format:'H:i'`
			`} //automatically`
			`generate a mask 99:99`

opened	false		
yearOffset	0	Year offset for Buddhist era	
inline	false		
todayButton	true	Show button "Go To Today"	
defaultSelect	true	Highlight the current date even if the input is empty	
allowBlank	false	Allow field to be empty even with the option validateOnBlur in true	
timepickerScrollbar	true		

Name	default	Descr	Ex.

onSelectDate	function(){}		`onSelectDate:function(ct,$i){`
			`  alert(ct.dateFormat('d/m/Y'))`
			`}`

onSelectTime	function(current_time,$input){}		
onChangeMonth	function(current_time,$input){}		
onChangeYear	function(current_time,$input){}		
onChangeDateTime	function(current_time,$input){}		
onShow	function(current_time,$input){}		

onClose	function(current_time,$input){}		`onSelectDate:function(ct,$i){`
			`  $i.datetimepicker('destroy');`
			`}`

onGenerate	function(current_time,$input){}	trigger after construct calendar and timepicker	
withoutCopyright	true		
inverseButton	false		
scrollMonth	true		
scrollTime	true		
scrollInput	true		
hours12	false		
yearStart	1950	Start value for fast Year selector	
yearEnd	2050	End value for fast Year selector	
roundTime	round	Round time in timepicker, possible values: round, ceil, floor	`{roundTime:'floor'}`
dayOfWeekStart	0	Star week DatePicker. Default Sunday - 0. Monday - 1 ...	
className			

Name	default	Descr	Ex.
weekends	[]		['01.01.2014','02.01.2014','03.01.2014','04.01.2014','05.01.2014','06.01.2014']
disabledDates	[]	Disbale all dates in list	{disabledDates: ['01.01.2014','02.01.2014','03.01.2014','04.01.2014','05.01.2014','06.01.2014'], formatDate:'d.m.Y'}
id			
style			

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                    Join the discussion…

Hugo · 8 months ago
Hi there! Firstly thank you for this nice plugin! Secondly I wanted to ask you if there is a way to set the minDate/minTime and maxDate/maxTime with a DATETIME format (eg: 2014/04/08 12:49) , in order to set the minimum/maximum date and the minimum/maximum time at the same time. Cheers !
37 ∧ | ∨ • Reply • Share ›

> **Seb Tucknott** ➔ Hugo · 3 months ago
> If you are using a different dateformat something like this works -
>
> minDate:get_date($('#publish_date').val())?get_date($('#publish_date').val()):false,
>
> function get_date(input) {
> if(input == '') {
> return false;
> } else {
> // Split the date, divider is '/'
> var parts = input.match(/(\d+)/g);
> return parts[2]+'/'+parts[1]+'/'+parts[0];
> }
> }
> 6 ∧ | ∨ • Reply • Share ›

> **Matt_o** ➔ Hugo · 4 months ago
> The way I did it was with the following
>
> minTime: (Number(($('#MainContent_DateTimeStart').val().substr(11, 2))) + 1).toString() + $('#MainContent_DateTimeStart').val().substr(13, 3),
>
> This adds 1 hour on to another timepicker. If you did a similar for minDate, then minTime and MaxDate and maxTime, you will find it works.
> ∧ | ∨ • Reply • Share ›

MizAkita · 8 months ago
How to get rid of 13:00->24:00 and get standard 24-hr time (i.e. 12:00 PM, 1:00 AM, 2:00 AM and so on?)
26 ∧ | ∨ • Reply • Share ›

> **olly** ➔ MizAkita · 5 months ago
> what worked for me was this:
>
> in the main js file (under formatTime:'H:i', for example) i added

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jQuery Etherpad (/jquery-plugins/etherpad/)

jQuery plugin for embedding Etherpad

Usage & Examples (/jquery-plugins/etherpad)

Include jQuery.js,

jQuery Browser Rejection (/jquery-plugins/jreject/)

jReject is a simple tool for rejecting specific browsers in a nice modal window (/jquery-plugins/jreject)

Card Deck Slideshow (/jquery-plugins /carddeckslideshow/)

This content slideshow script utilizes

WordPress Lightbox – Catalyst Template (/jquery-plugins /wordpress-lightbox/)

Wordpress Image Lightbox. Catalyst Style DEMO. Wordpress Photo Lightbox maker comes with a... (/jquery-plugins/wordpress-lightbox)

jQuery Turtle (/jquery-plugins/turtle/)

jQuery plugin for turtle graphics. Every element is a turtle that can rotate, move, animate,... (/jquery-plugins/turtle)
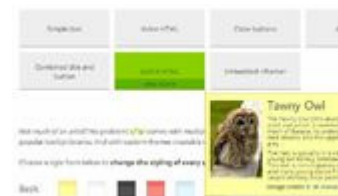
Mosaic Flow (/jquery-plugins/mosaicflow/)
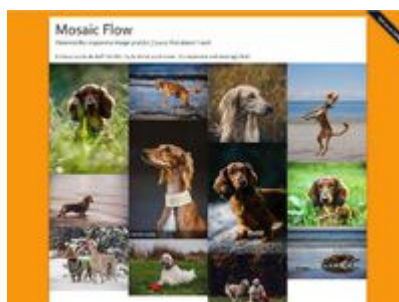
Pinterest like responsive image grid for jQuery that doesn't suck.

fancy input (/jquery-

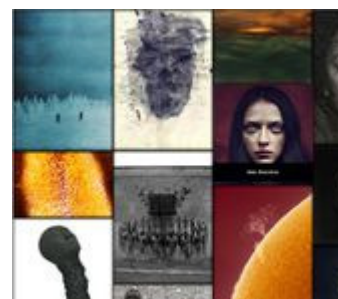### qTip2 – Pretty powerf tooltips (/jquery-plugi /qtip2/)

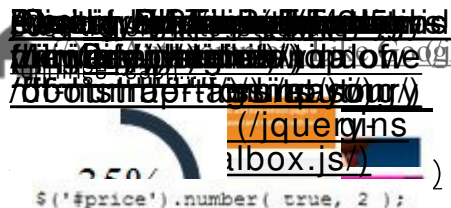Introducing... qTip2. The second generation of the advanced qTip for the ever popular... (/jquery-plugins/qtip2)

jQuery droparea (/jqu plugins/droparea/)

jQuery plugin for HTML5 drag-an (images and files).

Galereya (/jquery-plu /galereya/) (/jquery-plugins/template
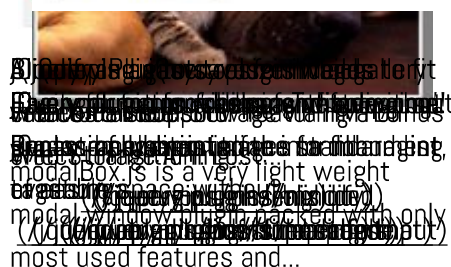
Responsive, easily customizable gallery with a masonry layout

jQuery Ajax Loading (/jquery-plugins/ajax-loading/)

$('#price').number(true, 2);

A CSS3-based pie timer.

(/jquery-plugins/modalbox.js/)

modalBox.js is a very light weight modal window. It's packed with only most used features and...

(/jquery-plugins/modalbox.js/)
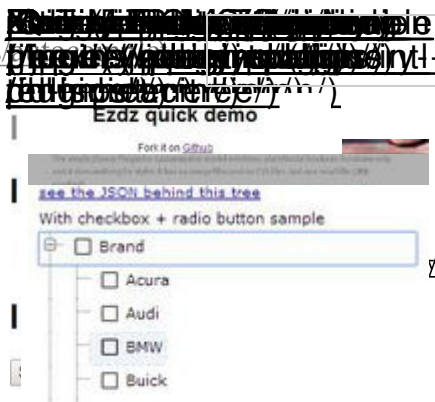
Makes typing in input fields fun with CSS3 effects.

(/jquery-plugins/fancyinput)

jQuery Ajax Loading.

(/jquery-plugins/appendgri

/autocompletelikegoogle

sort by

sort by

 (/) Autocomplete Like Google (/jqplugins/autocomplete)

sort by

(/)   Autocomplete Like Google (/jqplugins/autocomplete)   sort by