

# Adding a Timepicker to jQuery UI Datepicker

The timepicker addon adds a timepicker to jQuery UI Datepicker, thus the datepicker and slider components (jQueryUI) are required for using any of these. In addition all datepicker options are still available through the timepicker addon.

If you are interested in contributing to Timepicker Addon please [check it out on GitHub](#). If you do make additions please keep in mind I enjoy tabs over spaces... But contributions are welcome in any form.

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## Working with Localizations

Timepicker comes with many translations and localizations, thanks to all the contributors. They can be found in the i18n folder in the git repo.

The quick and cheap way to use localizations is to pass in options to a timepicker instance:

```
$('#example123').timepicker({
  timeOnlyTitle: 'Выберите время',
  timeText: 'Время',
  hourText: 'Часы',
  minuteText: 'Минуты',
  secondText: 'Секунды',
  currentText: 'Сейчас',
  closeText: 'Заккрыть'
});
```

However, if you plan to use timepicker extensively you will need to include (build your own) localization. It is simply assigning those same variables to an object.

As you see in the example below we maintain a separate object for timepicker. This way we aren't bound to any future changes within datepicker.

```
$.datepicker.regional['ru'] = {
  closeText: 'Заккрыть',
  prevText: '<Пред',
  nextText: 'След>',
  currentText: 'Сегодня',
  monthNames: [ 'Январь', 'Февраль', 'Март', 'Апрель', 'Май', 'Июнь',
    'Июль', 'Август', 'Сентябрь', 'Октябрь', 'Ноябрь', 'Декабрь' ],
  monthNamesShort: [ 'Янв', 'Фев', 'Мар', 'Апр', 'Май', 'Июн',
    'Июл', 'Авг', 'Сен', 'Окт', 'Ноя', 'Дек' ],
  dayNames: [ 'воскресенье', 'понедельник', 'вторник', 'среда', 'четверг', 'пятница', 'суббота' ],
  dayNamesShort: [ 'вск', 'пнд', 'втр', 'срд', 'чтв', 'птн', 'сбт' ],
  dayNamesMin: [ 'Вс', 'Пн', 'Вт', 'Ср', 'Чт', 'Пт', 'Сб' ],
  weekHeader: 'Не',
  dateFormat: 'dd.mm.yy',
  firstDay: 1,
  isRTL: false,
  showMonthAfterYear: false,
  yearSuffix: ''
};
$.datepicker.setDefaults($.datepicker.regional['ru']);

$.timepicker.regional['ru'] = {
  timeOnlyTitle: 'Выберите время',
  timeText: 'Время',
```

```
    hourText: 'Часы',
    minuteText: 'Минуты',
    secondText: 'Секунды',
    millisecText: 'Миллисекунды',
    timezoneText: 'Часовой пояс',
    currentText: 'Сейчас',
    closeText: 'Закреть',
    timeFormat: 'HH:mm',
    amNames: ['AM', 'A'],
    pmNames: ['PM', 'P'],
    isRTL: false
  };
  $.timepicker.setDefaults($.timepicker.regional['ru']);
```

Now all you have to do is call timepicker and the Russian localization is used. Generally you only need to include the localization file, it will setDefaults() for you.

As of version 1.4.5 a combined file of all localizations available is included. This file DOES NOT call setDefaults(), so you will need to pass, or merge with your options.

```
$('#example123').timepicker($.timepicker.regional['ru']);
```

Localization files for datepicker are typically available in your jQueryUI downloads.