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A simple Vue.js datepicker component. Supports disabling of dates, inline mode, translations

#datepicker #vue #vuejs #date #date-picker

 907 commits


















 2 branches


 143 releases

 114 contributors

Branch: master ▾

New pull request

 charliekassel 1.5.4	
 example	fix inputClass with object
 scripts	fix inputClass with object
 src	Merge branch 'master' of github.com:charliekassel/vuejs-datepicker
 test/unit	Merge branch 'master' of github.com:charliekassel/vuejs-datepicker
 .babelrc	merge build scripts and add dev server
 .editorconfig	update dev framework to use vue2 and vue-cli webpack 2
 .eslintrc.js	update dev framework to use vue2 and vue-cli webpack 2
 .gitignore	removing and ignoring built files
 .npmignore	gitignoring dist dir, adding empty npmignore to hopefully override th...
 .postcssrc.js	update dev framework to use vue2 and vue-cli webpack 2
 .travis.yml	only build on node 8
 CONTRIBUTING.md	Create CONTRIBUTING.md
 LICENSE	added MIT license
 README.md	Update README.md
 package.json	1.5.4
 yarn.lock	add pre commit package.

 README.md

Datepicker

build passing npm v1.5.4 coverage 100% downloads 165k/m

A datepicker Vue component. Compatible with Vue 2.x

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NB. Vue 1.x was supported up to version v0.9.9. If you want to use this component with Vue 1.x you install `vuejs-datepicker@0.9.9`

Demo

To view a demo online: <https://codesandbox.io/s/mpklq49wp>

To view demo examples locally clone the repo and run `yarn install && yarn serve`

Install

```
npm install vuejs-datepicker --save
```

or

```
yarn add vuejs-datepicker
```

```
import DatePicker from 'vuejs-datepicker';

export default {
  // ...
  components: {
    DatePicker
  }
  // ...
}
```

Or use directly from a CDN

```
<div id="app">
  <vuejs-datepicker></vuejs-datepicker>
</div>
<script src="https://unpkg.com/vue"></script>
<script src="https://unpkg.com/vuejs-datepicker"></script>
<script>
```

```
const app = new Vue({
  el: '#app',
  components: {
    vuejsDatepicker
  }
})
</script>
```

Usage

```
<datepicker></datepicker>
```

value prop if passed should be a Date object

```
<script>
var state = {
  date: new Date(2016, 9, 16)
}
</script>
<datepicker :value="state.date"></datepicker>
```

support name attribute for normal html form submission

```
<datepicker :value="state.date" name="uniquename"></datepicker>
```

Using v-model

```
<datepicker v-model="state.date" name="uniquename"></datepicker>
```

Emits events

```
<datepicker @selected="doSomethingInParentComponentFunction" @opened="datepickerOpenedFunc
```



Inline always open version

```
<datepicker :inline="true"></datepicker>
```

Available props

Prop	Type	Default	Description
value	Date String		Date value of the datepic
name	String		Input name property
id	String		Input id

Prop	Type	Default	Description
format	String Function	dd MMM yyyy	Date formatting string or
full-month-name	Boolean	false	To show the full month na
language	Object	en	Translation for days and r
disabled-dates	Object		See below for configurati
placeholder	String		Input placeholder text
inline	Boolean		To show the datepicker al
calendar-class	String Object		CSS class applied to the c
input-class	String Object		CSS class applied to the in
wrapper-class	String Object		CSS class applied to the c
monday-first	Boolean	false	To start the week on Mon
clear-button	Boolean	false	Show an icon for clearing
clear-button-icon	String		Use icon for button (ex: fa
calendar-button	Boolean	false	Show an icon that that ca
calendar-button-icon	String		Use icon for button (ex: fa
calendar-button-icon-content	String		Use for material-icons (ex
day-cell-content	Function		Use to render custom cor
bootstrap-styling	Boolean	false	Output bootstrap v4 stylin
initial-view	String	minimumView	If set, open on that view
disabled	Boolean	false	If true, disable Datepicker
required	Boolean	false	Sets html required attribut
typeable	Boolean	false	If true, allow the user to t
use-utc	Boolean	false	use UTC for time calculati
open-date	Date String		If set, open on that date
minimum-view	String	'day'	If set, lower-level views w
maximum-view	String	'year'	If set, higher-level views v

Events

These events are emitted on actions in the datepicker

Event	Output	Description
opened		The picker is opened

Event	Output	Description
closed		The picker is closed
selected	Date null	A date has been selected
selectedDisabled	Object	A disabled date has been selected
input	Date null	Input value has been modified
cleared		Selected date has been cleared
changedMonth	Object	Month page has been changed
changedYear	Object	Year page has been changed
changedDecade	Object	Decade page has been changed

Date formatting

String formatter

NB. This is not very robust at all - use at your own risk! Needs a better implementation.

Token	Desc	Example
d	day	1
dd	0 prefixed day	01
D	abbr day	Mon
su	date suffix	st, nd, rd
M	month number (1 based)	1 (for Jan)
MM	0 prefixed month	01
MMM	abbreviated month name	Jan
MMMM	month name	January
yy	two digit year	16
yyyy	four digit year	2016

Function formatter

Delegates date formatting to provided function. Function will be called with date and it has to return a string. This allows us to use moment, date-fns, globalize or any other library to format date.

```
<script>
  methods: {
    customFormatter(date) {
      return moment(date).format('MMMM Do YYYY, h:mm:ss a');
    }
  }
}
```

```
</script>
<datepicker :format="customFormatter"></datepicker>
```

Disabled Dates

Dates can be disabled in a number of ways.

```
<script>
var state = {
  disabledDates: {
    to: new Date(2016, 0, 5), // Disable all dates up to specific date
    from: new Date(2016, 0, 26), // Disable all dates after specific date
    days: [6, 0], // Disable Saturday's and Sunday's
    daysOfMonth: [29, 30, 31], // Disable 29th, 30th and 31st of each month
    dates: [ // Disable an array of dates
      new Date(2016, 9, 16),
      new Date(2016, 9, 17),
      new Date(2016, 9, 18)
    ],
    ranges: [{ // Disable dates in given ranges (exclusive).
      from: new Date(2016, 11, 25),
      to: new Date(2016, 11, 30)
    }, {
      from: new Date(2017, 1, 12),
      to: new Date(2017, 2, 25)
    }],
    // a custom function that returns true if the date is disabled
    // this can be used for wiring you own logic to disable a date if none
    // of the above conditions serve your purpose
    // this function should accept a date and return true if is disabled
    customPredictor: function(date) {
      // disables the date if it is a multiple of 5
      if(date.getDate() % 5 == 0){
        return true
      }
    }
  }
}
</script>
<datepicker :disabledDates="state.disabledDates"></datepicker>
```

Highlighted Dates

Dates can be highlighted (e.g. for marking an appointment) in a number of ways. Important: By default, to highlight disabled dates set the `includeDisabled` property to `true`. Note: Both `to` and `from` are required to define a range of dates to highlight.

```
<script>
var state = {
  highlighted: {
    to: new Date(2016, 0, 5), // Highlight all dates up to specific date
    from: new Date(2016, 0, 26), // Highlight all dates after specific date
    days: [6, 0], // Highlight Saturday's and Sunday's
    daysOfMonth: [15, 20, 31], // Highlight 15th, 20th and 31st of each month
    dates: [ // Highlight an array of dates
```

```

    new Date(2016, 9, 16),
    new Date(2016, 9, 17),
    new Date(2016, 9, 18)
  ],
  // a custom function that returns true if the date is highlighted
  // this can be used for wiring your own logic to highlight a date if none
  // of the above conditions serve your purpose
  // this function should accept a date and return true if it is highlighted
  customPredictor: function(date) {
    // highlights the date if it is a multiple of 4
    if(date.getDate() % 4 == 0){
      return true
    }
  },
  includeDisabled: true // Highlight disabled dates
}
}
</script>
<datepicker :highlighted="state.highlighted"></datepicker>

```

Slots

Slots will help you customize content. .

beforeCalendarHeader

Sometimes you need to show custom content before the calendar header. For such cases you can use the `beforeCalendarHeader` slot.

An example would be to use bootstrap's `input-group-prepend` and `input-group-append` to show a

```

<datepicker :bootstrap-styling="true">
  <div slot="beforeCalendarHeader" class="calendar-header">
    Choose a Date
  </div>
</datepicker>

```

afterDateInput

To implement some custom styling (for instance to add an animated placeholder) on `DateInput`, you can use the `afterDateInput` slot. Slot named `afterDateInput` allows you to do that:

```

<datepicker>
  <span slot="afterDateInput" class="animated-placeholder">
    Choose a Date
  </span>
</datepicker>

```

Translations

Contributing guide - please use appropriate code from this [list](#) as the translation property.

- Add your language as a module in the `src/locale/translations` dir.

- Import and export it in the `src/locale/index` file
- Add the Language to the available languages in the readme file.
- Run `npm run lint` to make sure your code formatting is in line with the required code style.

How to apply language

Below script tag in component.

```
import {en, es} from 'vuejs-datepicker/dist/locale'
```

In component data.

```
data () {  
  return {  
    en: en,  
    es: es  
  }  
}
```

html.

```
<datepicker :language="es"></datepicker>
```

Available languages

Abbr	Language	
af	Afrikaans	
ar	Arabic	
bg	Bulgarian	
bs	Bosnian	
ca	Catalan	
cs	Czech	
da	Danish	
de	German	
ee	Estonian	
el	Greek	
en	English	Default
es	Spanish	
fa	Persian (Farsi)	
fi	Finnish	

Abbr	Language	
fo	Faroese	
fr	French	
ge	Georgia	
he	Hebrew	
hu	Hungarian	
hr	Croatian	
id	Indonesian	
is	Icelandic	
it	Italian	
ja	Japanese	
ko	Korean	
lb	Luxembourgish	
lt	Lithuanian	
lv	Latvian	
mn	Mongolian	
nbNO	Norwegian Bokmål	
nl	Dutch	
pl	Polish	
ptBR	Portuguese-Brazil	
ro	Romanian	
ru	Russian	
sk	Slovak	
sSI	Slovenian	
sv	Swedish	
sr	Serbian (Latin)	
srCyrI	Serbian (CyrI)	
th	Thai	
tr	Turkish	
uk	Ukrainian	
ur	Urdu	

Abbr	Language	
vi	Vietnamese	
zh	Chinese	