# agenda

## VueTable Component Features

- Loading Remote Data

- Customized Field Data

- Sorting on Remote Data

- CSS Styling | JSON data format

Perks of VueTable

# Loading Remote Data

## API Mode

Vuetable interacts with an API endpoint to request data

## Data Mode

Vuetable dosen't handle data request, but data needs to be supplied to it

# API
## MODE

```html
<vuetable
  ref="vuetable"
  api-url="https://vuetable.ratiw.net/api/users"
  :fields="['name', 'email', 'birthdate']"
/>
```

HTML

# DATA MODE

**HTML**

```html
<vuetable
  ref="vuetable"
  :api-mode="false"
  :fields="fields"
  :data="data"
/>
```

**JS**

```js
data() {
  return {
    fields: FieldDef,
    data: [],
    //  data: sampleData,
  };
},
```

*FieldDef.js*

```js
export default [
  {
    name: 'name',
    title: 'Full Name',
  },
  {
    name: 'email',
  },
  'birthdate',
  'nickname',
  {
    name: 'gender',
  },
]
```

**JS**

```js
mounted() {
  axios.get("https://vuetable.ratiw.net/api/users").then(response => {
    this.data = response.data.data;
  });
},
```

# Customized Field Data

## Format Fields

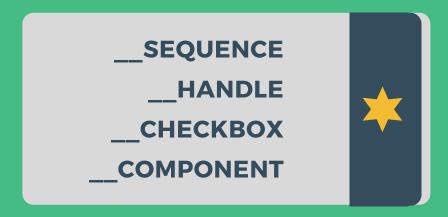To handle the value of the column data to be displayed.

## Special Fields

Predefined field for specific purpose

# FORMAT FIELDS

**HTML**

```html
<vuetable
  ref="vuetable"
  :api-mode="false"
  :fields="fields"
  :data="data"
/>
```

**JS**
*Fields*

```js
{
  name: 'nickname',
  callback: 'allcap'
},
{
  name: 'gender',
  titleClass: 'center aligned',
  dataClass: 'center aligned',
  callback: 'genderLabel'
},
```

**JS**

```js
methods: {
  allcap (value) {
    return value.toUpperCase()
  },
  genderLabel (value) {
    return value === 'M'
      ? '<span class="ui teal label"><i class="large man icon"></i>Male</span>'
      : '<span class="ui pink label"><i class="large woman icon"></i>Female</span>'
  }
},
```

# SPECIAL FIELDS

__SEQUENCE

__HANDLE

__CHECKBOX

__COMPONENT

**JS**
*Fields*

```
{
    name: "__slot:email",
    title: "Email"
},
```

**HTML**

```html
<vuetable ref="vuetable" api-url="https://vuetable.ratiw.net/api/users" :fields="fields">
  <template slot="email" scope="props">
    <a :href="`mailto:${props.rowData.email}`">{{props.rowData.email}}</a>
  </template>
</vuetable>
```

# Sorting on Remote Data

```js
{
  name: "__slot:email",
  title:"Email",
  sortField: 'email'
},
```

```js
sortOrder: [
  {
    field: 'name',
    sortField: 'name',
    direction: 'asc'
  }
]
```

Set default sort order

```html
<vuetable ref="vuetable"
  api-url="https://vuetable.ratiw.net/api/users"
  :fields="fields"
  pagination-path=""
  :per-page="15"
  :sort-order="sortOrder"
  @vuetable:pagination-data="onPaginationData"
>
```

# CSS Styling

Default Vuetable comes with
Semantic UI

**Styling can be changed** →

**HTML**

```html
<vuetable-pagination ref="pagination"
  :css="css.pagination"
></vuetable-pagination>
```

**JS**

```js
pagination: {
  wrapperClass: 'ui right floated pagination menu',
  activeClass: 'active large',
  disabledClass: 'disabled',
  pageClass: 'item',
  linkClass: 'icon item',
  paginationClass: 'ui bottom attached segment grid',
  paginationInfoClass: 'left floated left aligned six wide column',
  dropdownClass: 'ui search dropdown',
  icons: {
    first: 'angle double left icon',
    prev: 'left chevron icon',
    next: 'right chevron icon',
    last: 'angle double right icon',
  }
},
```

# JSON data format

Need to **use a particular JSON** structure

**ELSE** transform the JSON using transform props.

```html
<vuetable
  api-url="..."
  :fields="fields"
  :transform="transformData"
  data-path="mydata"
  pagination-path="pagination"
></vuetable>
```

HTML

👉 # Code & Demo

REPO LINK:
https://github.com/ikram-shah/Vue-Table-Demo

DEMO LINK:
https://vuetabledemo.netlify.com/

# PERKS OF
# vuetable

## TUTORIAL

To start with, there is a very good tutorial which helps to explore all the necessary features of vuetable-2

## TABLE DATA

Get table data either directly from the API endpoint (or) just supply the data to table using data mode

## PAGINATION

Can use the inbuilt pagination feature, or grab the pagination component data and customize accordingly

# thank you !

IKRAM SHAH
www.ikramshah.me
+91 79043 63851