

# vert-accord-comp

**vert-accord-comp** is a Vue.js web component (version  $\geq 2.5$ ) that provides an accordion, expanding/contracting like display of list content. The component is based on the article: [Cross Browser Pure CSS3 Vertical Accordion](#) by Saud Khan.

**vert-accord-comp** can be installed via with the included `package.json` file for a local installation via the `npm install` command. **vert-accord-comp** depends on the [vue.js](#) framework. A demo folder is provided that used [Parcel](#) together with its associated `package.json` file to bundle together **vert-accord-comp** along with its [vue.js](#) dependency for a simple application. Further details are provided below for running the demo.

## Props

A prop in Vue.js is a custom attribute for passing information from a parent component hosting **vert-accord-comp** instance(s) to an **vert-accord-comp** as a child component.

**vert-accord-comp** has the following props for a parent to bind and send information to:

`slot_names` -- an array of strings that references the slot names in the parent template (explanation: see below) (array of string names, default: null)

`title` -- a title to be displayed above the list (string,default: null)

`content_height` -- defines the content height for the expanded item's content in units of pixels (number, default: 200)

`css_variables` -- defines the css variables for **vert-accord-comp** (object, default: null)

To create a list of expandable items you define a html template for each item that is assigned a slot name (i.e. `<template slot="...":`). The `slot_names` array is an array of strings that references a slot name for each template that defines an item's content. As in the following example multiple templates are defined within the **vert-accord-comp** which has the `slot_names` array = `['Hammers','Screwdrivers','Knives','wrenches','Saws']` referencing all of the template slot names

```
<vert-accord-comp
  title="Tool Inventory"
  :slot_names="slot_names"
  :content_height="content_height"
  :css_variables="css_variables">
  <template slot="Hammers">
    <div class="vertAccordComp_itemContent">
      Number: 11 <br>
      Types: ball pein(2), heavy(2), sludge(3), claw(4)
    </div>
  </template>
  <template slot="Screwdrivers">
    <div class="vertAccordComp_itemContent">
      Number: 41 <br>
      Types: blade(10), philips(8), mini(23)
    </div>
  </template>
  <template slot="Knives">
```

```

        <div class="vertAccordComp_itemContent">
            Number: 16 <br>
            Types: switch(4), fixed(8), putty(4)
        </div>
    </template>
    <template slot="wrenches">
        <div class="vertAccordComp_itemContent">
            Number: 23 <br>
            Types: pipe(6), socket(12), crescent(5)
        </div>
    </template>
    <template slot="Saws">
        <div class="vertAccordComp_itemContent">
            Number: 15 <br>
            Types: hack(4), cross(3), rip(5), circular(3)
        </div>
    </template>
</vert-accord-comp>
</div>
`,
data: function() {
    return {
        slot_names: ['Hammers', 'Screwdrivers', 'Knives', 'Wrenches', 'Saws'],
        content_height: 150,
        css_variables: {
            vertaccord_comp_item_width: '300px'
        }
    }
},
},

```

It is important that the slot names for each template correspond to the names in the `slot_names` array. Content defined in the templates can be any html tags or other components.

## Styling

The **css\_variables** prop is a javascript object that contains any combination of css variable names as keys and associated values. The following list are the css variable names along with their default values for a quick styling of **vert-accord-comp**:

```

{
    vertaccord_comp_font_family: 'verdana, serif',

    vertaccord_comp_title_color: 'black',
    vertaccord_comp_title_font_size: '18px',
    vertaccord_comp_title_font_weight: 'bold',

    vertaccord_comp_item_color: 'black',
    vertaccord_comp_item_background: 'white',
    vertaccord_comp_item_width: '200px',

    vertaccord_comp_item_title_hover_color: 'white',
    vertaccord_comp_item_title_hover_background: 'linear-gradient(to bottom,
    #454545 0%, #cccccc 100%)',
}

```

## Events

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**vert-accord-comp** has no events.

## Demonstration

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One demonstration of **vert-accord-comp** is provided in the folder named `demo/dist` and can be viewed by hosting the `index.html` file. The demo (templated in the `App.vue` file) displays a list of five tools with some brief content on each one. Initially all the content is contracted, but when you mouse over an item's title the content expands for viewing. A mouse out from the item title contracts again the item content.

As a suggestion, install [http-server](#) locally/globally via [npm](#) then enter the command `http-server` in the **vert-accord-comp** `dist` directory. From a browser enter the url: `localhost:8080/` to view the demo.