

label-comp

label-comp is a simple web component (Vue.js >= 2.5) that provides a label (either left or bottom) along with a non-editable content line.

label-comp can be installed via with the included `package.json` file for a local installation via the [npm install](#) command. **label-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 **label-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 **label-comp** instance(s) to a **label-comp** as a child component.

label-comp has the following props for a parent to bind and send information to:

`heading` -- a heading for the component that can be positioned below, or to the left of the content box (string, default: `null`)

`value` -- property for setting the current value for the label (string or number, default: `null`)

`header_position` -- determines the position of the above `heading` as 'below', or 'left' (string, default: 'left')

`css_variables` -- defines the css variables for this instance (object, default: `null`)

Styling

The `css_variables` prop is a javascript object that contains any combination of css variable names as keys and associated values for quick, limited styling of **label-comp**. The following list is the css variable names along with their default values:

```
{
  label_comp_font_family: Verdana, serif,

  label_comp_heading_color: black,
  label_comp_heading_font_size: 1rem,
  label_comp_heading_font_weight: bold,

  label_comp_value_width: 8rem,
  label_comp_value_font_size: 1rem,
  label_comp_value_font_weight: normal,
  label_comp_value_color: black,
  label_comp_value_background: transparent,

  label_comp_scrollbar_color: #D62929
}
```

Events

label-comp has one event that notifies the parent component of the current content value.

label-comp emits the following single named event to its parent:

```
'label_comp_value_changed' -- returns the current value for a label component
```

Demonstration

A demonstration of **label-comp** is provided in the repository by hosting the `index.html` file under the `dist` folder. The demo was templated from its `App.vue` file.

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

Here is some example code for using **label-comp** taken from its template file `App.vue`:

```
<label-comp
  heading="Your Name:"
  :value="current_name"
  :css_variables="css_variables_short"
  v-on:label_comp_value_changed="value_changed">
</label-comp>

<label-comp
  heading="Your Job:"
  value="Plumber"
  :css_variables="css_variables_short"
  v-on:label_comp_value_changed="value_changed">
</label-comp>

<label-comp
  heading="Your Address"
  value="102 Spencer Ave, Chicago, Ill. 40044 US"
  header_position="below"
  :css_variables="css_variables_long"
  v-on:label_comp_value_changed="value_changed">
</label-comp>

<label-comp
  heading="Your Age"
  :value="current_age"
  header_position="below"
  :css_variables="css_variables_short"
  v-on:label_comp_value_changed="value_changed">
</label-comp>

<label-comp
  heading="Favorite Activities"
  :value="current_activities"
  header_position="above"
  :css_variables="css_variables_short">
</label-comp>
```

And the supporting data references:

```
data: function() {
  return {
    current_name: 'Jim Jones',
    current_age: null,
    current_activities: 'basketball,football,chess,homework,volleyball,
dating',
    css_variables_long: {
      label_comp_heading_color: 'white',
      label_comp_value_color: 'gold',
      label_comp_value_width: '240px'
    },
    css_variables_short: {
      label_comp_heading_color: 'white',
      label_comp_value_color: 'gold',
      label_comp_value_width: '120px'
    }
  };
},
methods: {
  change_name: function(){
    this.current_name = 'Roy Stevens';
  },
  value_changed: function(value){
    console.log(`Value Changed: ${value}`);
  }
}
```