

nav-image-comp

nav-image-comp is a Vue.js (>=2.5) that provides navigation and display of a list of submitted images. Thumbnails of the images are displayed across the top with a horizontal scroll bar appearing below if necessary. By simply hovering over a thumbnail, a large preview rendition of the image is displayed. Images can be quickly reviewed with the combination of horizontal scrolling and hovering over the thumbnails.

nav-image-comp can be installed via with the included `package.json` file for a local installation via the [npm install](#) command. **nav-image-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 **nav-image-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 **nav-image-comp** instance(s) to an **nav-image-comp** as a child component. **nav-image-comp** has the following props for a parent to bind and send information to:

`heading` -- a heading to be displayed above the thumbnail horizontal image list (string,default: null)

`sources` -- an array of file paths to set the component's image sources (array,default: null)

`container_width` -- a number that defines the overall width dimension of the component (Number, default: 900)

`css_variables` -- defines the css variables for **nav-image-comp** (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. The following list are the css variable names along with their default values for a quick styling of **nav-image-comp**:

```
{
  navimage_comp_font_family: 'Verdana,serif',
  navimage_comp_background_color: '#222',

  navimage_comp_heading_color: 'white',
  navimage_comp_heading_font_size: '1.5rem',
  navimage_comp_heading_font_weight: 'bold',

  navimage_comp_thumbnail_selected_border: '4px solid gold'
}
```

Events

nav-image-comp has one event that notifies the parent component of the current selected image source:

```
'navimage_comp_current_source' --- returns the current selected image's source
```

The parent component can listen to the above event and provide a callback for further processing. Events emitted from a child component back to the parent is explained at [Vue Custom Events](#).

The demonstration shows how the event can be incorporated.

Demonstration

One demonstration of **nav-image-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) sets the sources of 25 jpeg image files.

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

Here is some example code for using **nav-image-comp** taken from the `App.vue` file:

```
<div class='demo_container'>
  <nav-image-comp
    :sources="sources"
    heading="Favorite Old Barns"
    v-on:navimage_comp_current_source="show_current_source">
  </nav-image-comp>
</div>
```

And the supporting data references:

```
data: function() {
  return {
    sources: [
      'images/1919Barn.jpg',
      'images/1919Barn_2.jpg',
      'images/Barn At Mespo Festival.jpg',
      'images/barn_30.jpg',
      'images/barn_31.jpg',
      'images/barn_32.jpg',
      'images/flowerbarn.jpg',
      'images/flowerbarn2.jpg',
      'images/H Frame Gabled Tobacco.jpg',
      'images/H Frame Interior.jpg',
      'images/HomePlaceonGreenRiver.jpg',
      'images/HomePlaceonGreenRiver_2.jpg',
      'images/HomePlaceonGreenRiver_3.jpg',
      'images/HomePlaceonGreenRiver_4.jpg',
      'images/IndianaRoundBarn.jpg',
      'images/LeaningBarn.jpg',
      'images/OhioBarn.jpg',
      'images/penn_1.jpg',
      'images/penn_2.jpg',
      'images/penn_3.jpg',
      'images/PrettyBarnIndiana.jpg',
      'images/ThreewhiteDoorsRussellvilleKY.jpg',
```

```
        'images/wisc_37.jpg',  
        'images/wisc_38.jpg',  
        'images/wisc_39.jpg'  
    ]  
}  
,  
methods: {  
    show_current_source: function(source){  
        console.log(`Current Source: ${source}`)  
    }  
}
```