

tab-comp

tab-comp is a Vue.js (>= 2.5) web component that provides page tabs with content routing and styling options.

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

`css_variables` -- defines the css variables for quick, easy styling of **tab-comp** (object, default: null)

`tab_routes` -- defines the paths to both main tab and sub tab routes to page content defined as a Vue.js component (array, default: null)

The creation of a `tab_routes` array follows Vue.js' discussion on [nested routes](#) . An example of `tab_routes` taken from the demo is shown below:

```
export const tab_routes = [
  {path: '/', component: HomeComp, name: 'Home'},
  {path: '/plants', component: PlantsComp, name: 'Plants',
    children: [
      {path: 'strawberry', component: StrawberryComp, name: 'Strawberries'},
      {path: 'raspberry', component: RaspberryComp, name: 'Raspberries'},
      {path: 'blueberry', component: BlueberryComp, name: 'Blueberries'},
      {path: 'blackberry', component: BlackberryComp, name: 'Blackberry'},
      {path: 'asparagus', component: AsparagusComp, name: 'Asparagus'},
    ]
  },
  {path: '/customer_service', component: CustomerServiceComp, name: 'Customer Service',
    children: [
      {path: 'shipping', component: ShippingComp, name: 'Shipping Information'},
      {path: 'testimonials', component: TestimonialsComp, name: 'Testimonials'},
      {path: 'directions', component: DirectionsComp, name: 'Directions'},
      {path: 'about', component: AboutComp, name: 'About Us'},
      {path: 'contact', component: ContactComp, name: 'Contact Us'}
    ]
  },
  {path: '/howto', component: HowToComp, name: 'How To...',
    children: [
      {path: 'select_plants', component: SelectPlantsComp, name: 'Selecting Plants'},
      {path: 'grow_plants', component: GrowPlantsComp, name: 'Growing Plants'}
    ]
  }
]
```

```

    },
    {path: '/growing_corner', component: GrowingCornerComp, name: 'Growing
Corner',
    children: [
      {path: 'hardiness',component:HardinessComp,name: 'Hardiness Zones'},
      {path: 'plantselect',component:PlantSelectComp,name: 'Plant Selection'},
      {path: 'plantguide',component:PlantGuideComp,name: 'Plant Guide'},
      {path: 'videoguide',component:VideoGuideComp,name: 'Video Guide'},
      {path: 'qa',component:QandAComp,name:'Q and A'},
      {path: 'otherlinks',component:OtherLinksComp,name:'Other Links'}
    ]
  },
  {path: '/commercial_grower', component: CommercialGrowersComp, name:
'Commercial Growers',
  children: [
    {path: 'newgrower',component:NewGrowerComp,name:'New Grower'},
    {path: 'newsletter',component:NewsletterComp,name:'Newsletters'}
  ]
},
{path: '/company_news', component: CompanyNewsComp, name: 'Company News'}
];

```

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:

```

{
  tab_comp_font_family: 'Verdana, serif',
  tab_comp_background_color: '#2E1076',

  tab_comp_main_nav_background_color: '#7B53DC',

  tab_comp_tab_color: 'white',
  tab_comp_tab_font_size: '1rem',
  tab_comp_tab_hover_color: 'violet',
}

```

Events

There are no published events for **tab-comp**.

Demonstration

A demonstration of **tab-comp** is provided by hosting the `index.html` file under the `demo/dist` folder. The parent (templated in the `App.vue` file) defines seven main tabs with some of these tabs having sub tabs.

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

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

```

<tab-comp :tab_routes="tab_routes">
  <div class="headerbox" slot="header">
    <div class="titlebox">Fairfield Nursery</div>
    <div class="sourcebox">
      web site at <a href="http://fairfieldfruits.com">Fairfield
Fruits</a>
    </div>
  </div>

  <div slot="footer">
    <div class="sourcebox">
      Built at <a href="https://github.com/deandev1">deandev1</a>
    </div>
  </div>
</tab-comp>

```

You'll note in the above code there is a reference to two of **tab-comp**'s named slots -- `header` and `footer`. Within these slots you can place html content specific to the application. See [named slots](#) from Vue.js documentation.