
Question

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Binding of data property from Vue instance to Vue component using vuejs

Hi,

I have been trying to implement SPA using routing between two components in a CSP page.

If i use the line which i commented the page views and gets data from the vue instance (when not using the <route-view> and other 2 vue route functions below).

since i need to implement routing i am using as below, now the property "selectedYear" is not getting data from vue instane and i am getting the below error as well.

I dont know whether i am going down the right path.

please see my code below and help me

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Sample Report</title>
    <link rel="stylesheet" href="bootstrap.min.css">
  </head>
  <body>

    <div class="container-fluid" id="app" v-cloak>
      <div class="row">
        <div class="header">
          <h3><b>Sample Report</b></h3>
        </div>
      </div>
      <div class="form-group">

        <!-- COMMNETED CODE-->

        <!--option-page v-bind:years="years" v-bind:year-selected="selectedYear"

        v-on:onyearchange="selectedYear = $event"></option-page>

        <!------->

        <router-view></router-view>
      </div>
    </div>

  </body>
  <script type="text/x-template" id="option-template">
    <div class="form-group">
      <div class="form-group" align="center">
```

```
<label for="select-Year">Select CMS Fiscal Year :</label>
<select class="form-control input-sm" style="width:120px" id="select-Year"
v-model="selectedYear" v-on:change="$emit('onyearchange',selectedYear)" >
<option v-for="yr in years" v-bind:value="yr" >{{ yr }}</option>
</select>
</div>
</div>
</script>
<script type="text/x-template" id="test-template">
  <div class="form-group">
<div class="form-group" align="center">
  <h1> hello all </h1>
  </div>
</div>
</script>

<script src="json3.min.js"></script>
<script type="text/javascript" src="vue.js" ></script>
<script type="text/javascript" src="jquery.js"></script>
<script type="text/javascript" src="vue-router.js"></script>
```

```
<script language="javascript">
Vue.component('test', {
  template: '#test-template'
});
```

```
Vue.component('optionPage', {
  template: '#option-template',
  props: {
    years: Array,
    yearSelected: Number
  },
  data: function() {
    return {
      selectedYear: this.yearSelected
    }
  },
  methods: {
    loadData:function() {
      vm.initReport();
    }
  }
});
```

```
const test = {
  props: {
    years: Array,
    yearSelected: Number
  },
  template: '#option-template'
};
```

```
Vue.use(VueRouter);
```

```
const router = new VueRouter({
  routes: [
    {
      path: '/',
      component: test,
```

```
props: true
}
];
});

router.push('/');

var vm = new Vue({
  el: '#app',
  router,
  data: {
    years: [2018,2019,2020],
    selectedYear: "",
  }
});
</script>

</html>
```

ERROR/WARNING IN CONSOLE:

[Vue warn]: Property or method "selectedYear" is not defined on the instance but referenced during render. Make sure that this property is reactive, either in the data option, or for class-based components, by initializing the property. See: <https://vuejs.org/v2/guide/reactivity.html#Declaring-Reactive-Properties>.

Thanks,

[#CSP](#) [#JavaScript](#) [#Vue.js](#) [#Caché](#)

Source

URL: <https://community.intersystems.com/post/binding-data-property-vue-instance-vue-component-using-vuejs>