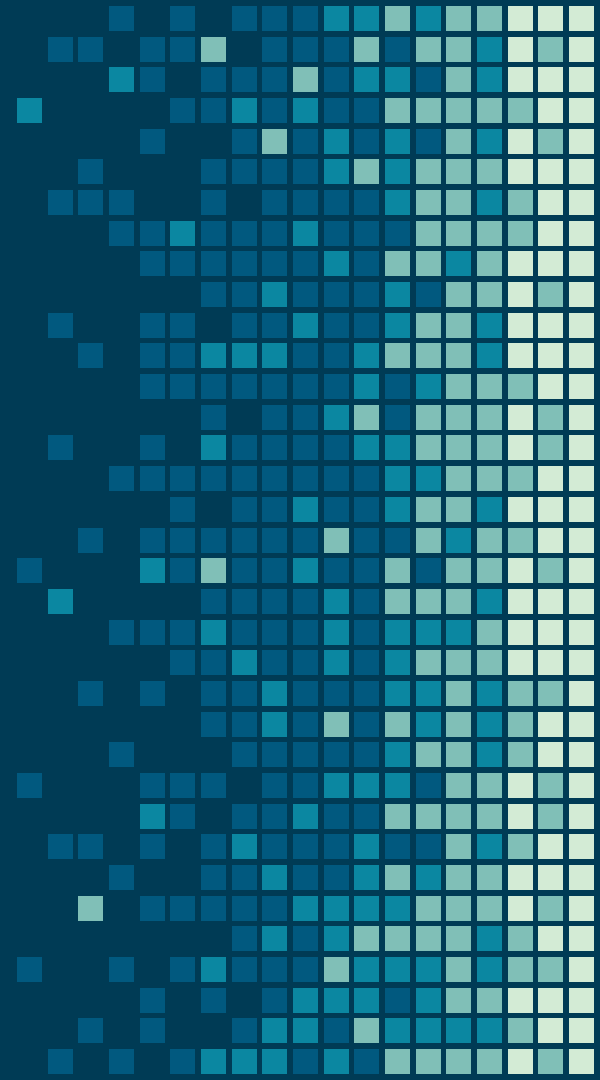
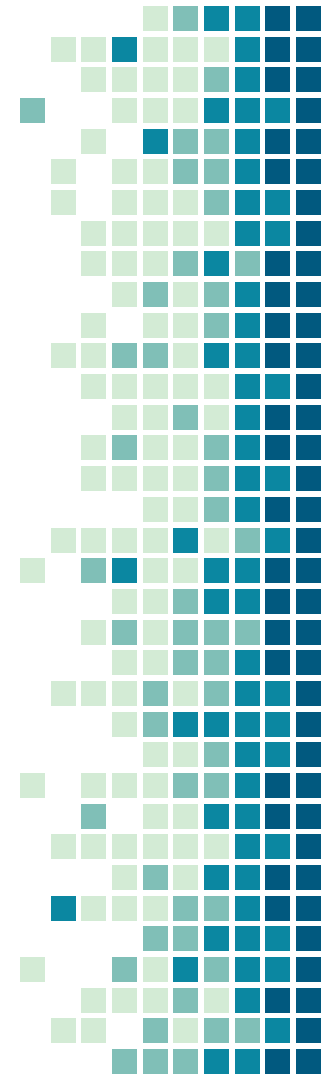


Vue.js

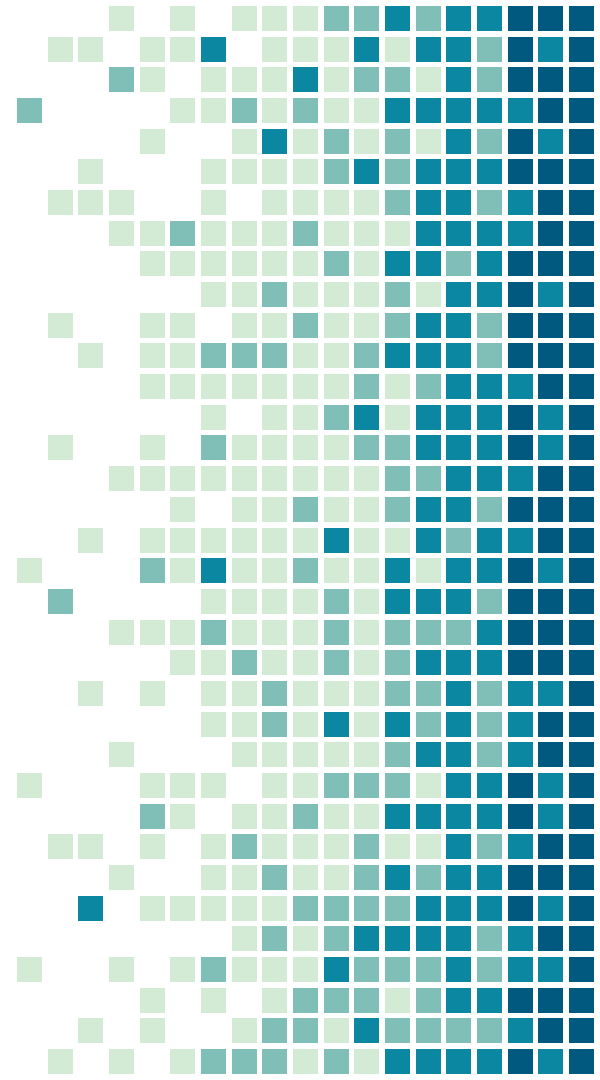


1. Hello World!
2. Components
3. Écosystème

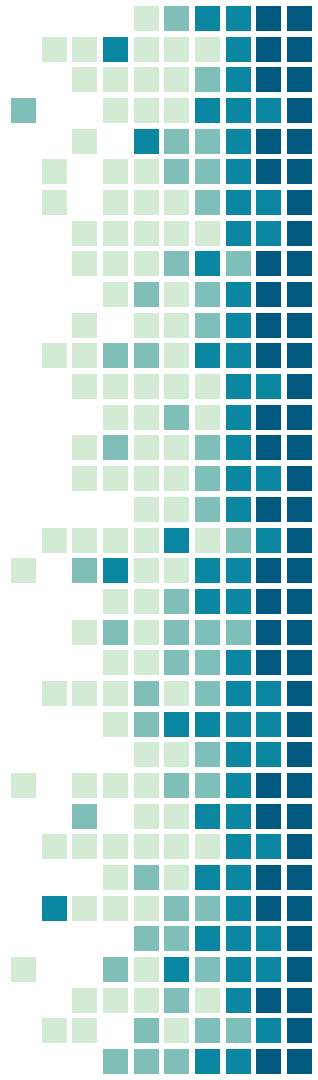


1. Hello World!

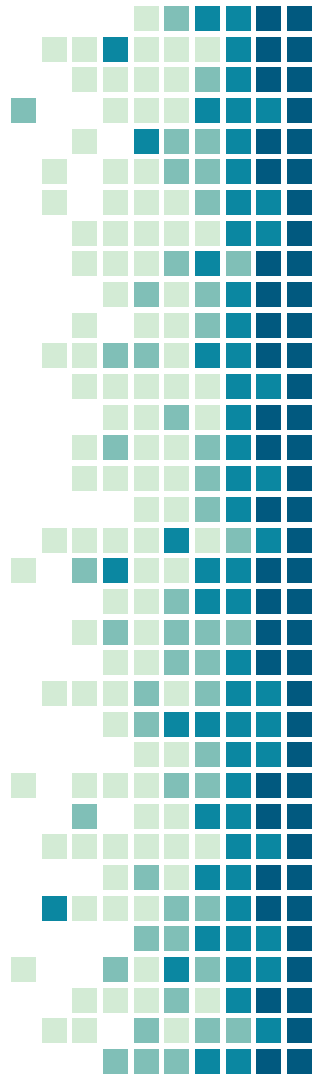
<https://vimeo.com/247494684>



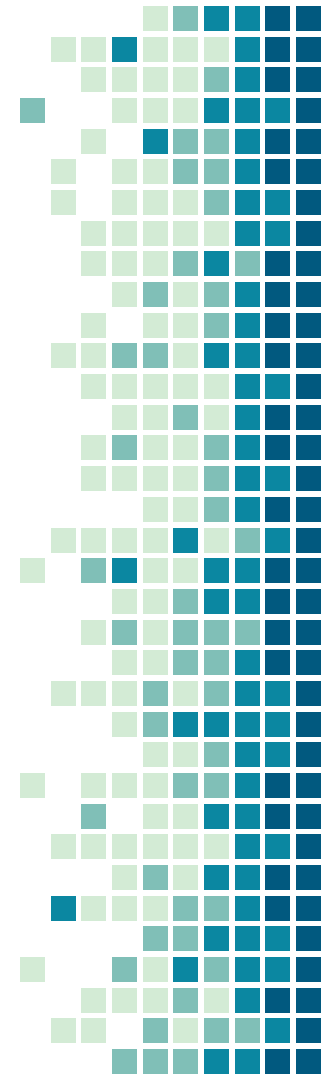
```
1
2 <div id="app">
3   <h2>{{ product }} are in stock.</h2>
4 </div>
5
6 <script src="https://unpkg.com/vue"></script>
7 <script>
8   const app = new Vue({
9     el: '#app',
10    data: {
11      product: 'Boots'
12    }
13  })
14 </script>
15
```



```
1
2 <div id="app">
3   <ul>
4     <li v-for="product in products">
5       {{ product }}
6     </li>
7   </ul>
8 </div>
9
10 <script src="https://unpkg.com/vue"></script>
11 <script>
12   const app = new Vue({
13     el: '#app',
14     data: {
15       products: [
16         'Boots',
17         'Jacket',
18         'Hiking Socks'
19       ]
20     }
21   })
```



```
<script>
  const app = new Vue({
    el: '#app',
    data: {
      products: []
    },
    created () {
      fetch('https://api.myjson.com/bins/74l63')
        .then(response => response.json())
        .then(json => {
          this.product
        })
    }
  })
</script>
```



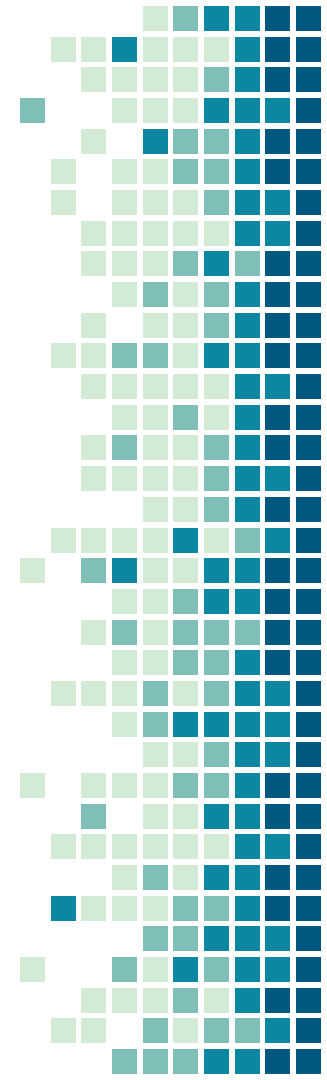
```
<div id="app">
  <ul>
    <li v-for="product in products">
      {{ product.quantity }} {{ product.name }}
      <span v-if="product.quantity === 0">
        - OUT OF STOCK
      </span>
    </li>
  </ul>
</div>
```

```
<div id="app">
  <ul>
    <li v-for="product in products">
      {{ product.quantity }} {{ product.name }}
      <span v-if="product.quantity === 0">
        - OUT OF STOCK
      </span>
    </li>
  </ul>
</div>
```



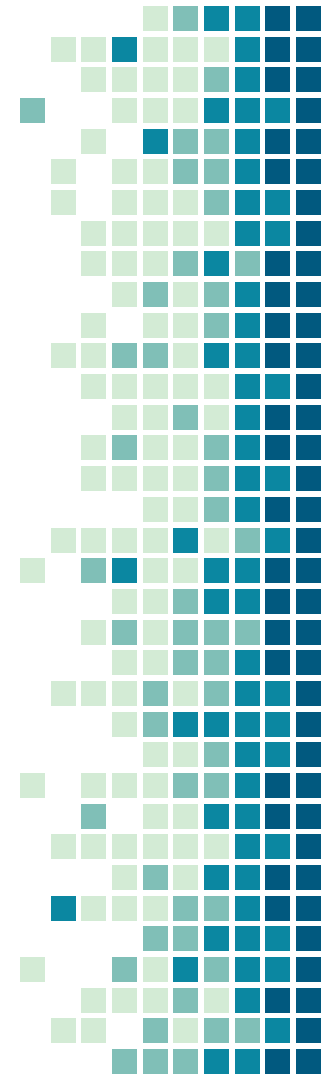
```
</ul>
<h2>Total Inventory: {{ totalProducts }}</h2>
div>

<script src="https://unpkg.com/vue"></script>
</script>
const app = new Vue({
  el: '#app',
  data: {
    products: []
  },
  computed: {
    totalProducts () {
      return this.products.reduce((sum, product) => {
        return sum + product.quantity
      }, 0)
    }
  },
})
```



```
</ul>
<h2>Total Inventory: {{ totalProducts }}</h2>
div>

<script src="https://unpkg.com/vue"></script>
</script>
const app = new Vue({
  el: '#app',
  data: {
    products: []
  },
  computed: {
    totalProducts () {
      return this.products.reduce((sum, product) => {
        return sum + product.quantity
      }, 0)
    }
  },
})
```



```
<div id="app">
  <ul>
    <li v-for="product in products">
      <input type="number" v-model.number="product.quantity">
        {{ product.name }}
      <span v-if="product.quantity === 0">
        - OUT OF STOCK
      </span>
      <button @click="product.quantity += 1">
        Add
      </button>
    </li>
  </ul>
  <h2>Total Inventory: {{ totalProducts }}</h2>
</div>
```



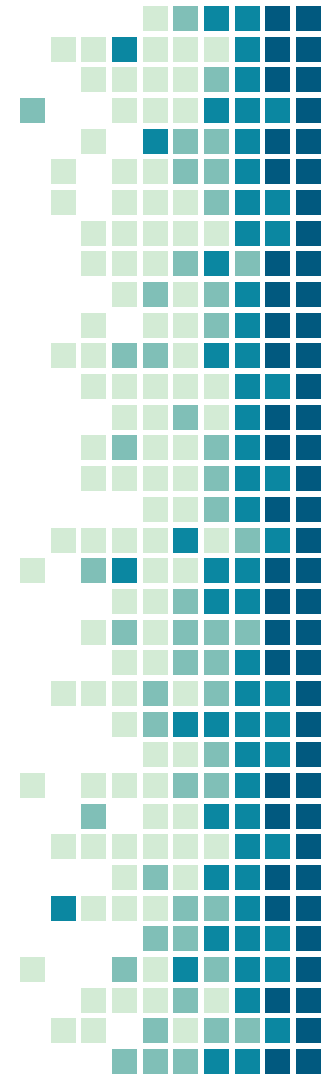
2. Components

Import d'un Component

```
<script>
import MyObjectTable from './MyObjectTable'

export default {
  components: {
    'my-object-table': MyObjectTable
  },
  ...
}
</script>
```

```
<div>
  <my-object-table
    :objects="users"
    :columns="userColumns"
    :is-admin="true"
    class="user-table">
  </my-object-table>
  <my-object-table
    :objects="labos"
    :columns="laboColumns"
    :is-admin="false"
  </my-object-table>
</div>
```







☰ Users List

+ Add User

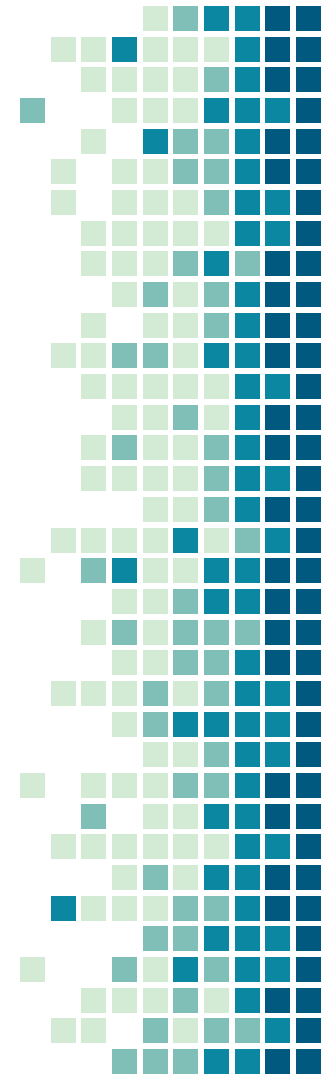
🔍 Search

Fullname	Email	Group	Registered	Action
Philippe Depouilly	2pouyi@ficompany.com	Group1	2019-03-10T20:49:47.647Z	 

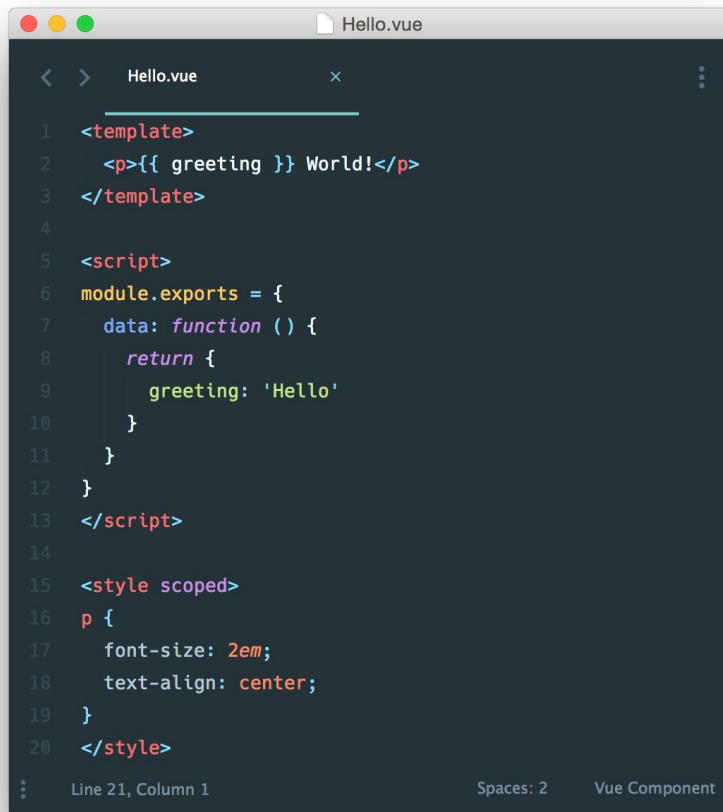
☰ Laboratoires

🔍 Search

Id	Name	Type_unite	No_unite
250	European Institute for Statistics, Probability, Stochastic Operations Research and their Applications	CNRS UMI	3022
242	Laboratoire Alexander Grothendieck	CNRS ERL	9216
199	Géométrie non commutative	CNRS GDR	2947
202	Méthodes d'analyse stochastique des codes et traitements numériques	CNRS GDR	3179



Single File Components



```
1 <template>
2   <p>{{ greeting }} World!</p>
3 </template>
4
5 <script>
6 module.exports = {
7   data: function () {
8     return {
9       greeting: 'Hello'
10    }
11  }
12 }
13 </script>
14
15 <style scoped>
16 p {
17   font-size: 2em;
18   text-align: center;
19 }
20 </style>
```

Line 21, Column 1 Spaces: 2 Vue Component



Définition d'un Component

```
<template>
  <input name="query" v-model="searchQuery"
class="form-control" placeholder="Search">

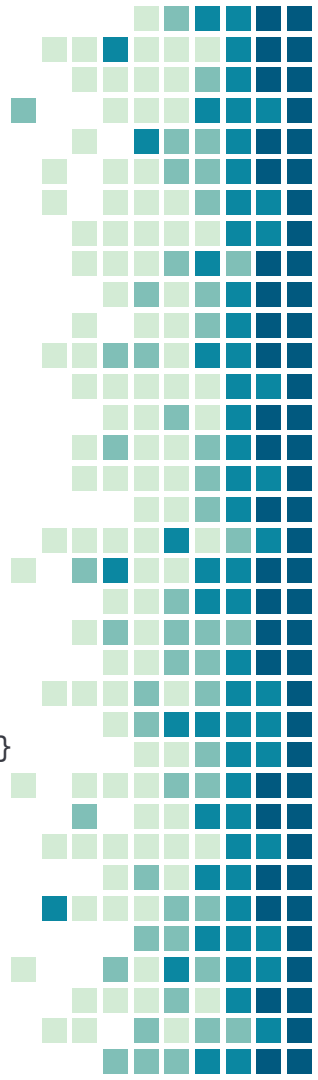
<table>
  <th v-for="key in columns">{{ key | capitalize
}}</th>
  <th v-if="isAdmin">Action</th>

  <tr v-for="entry in filteredObjects">
    <td v-for="key in columns">{{entry[key]}}</td>
  </tr>

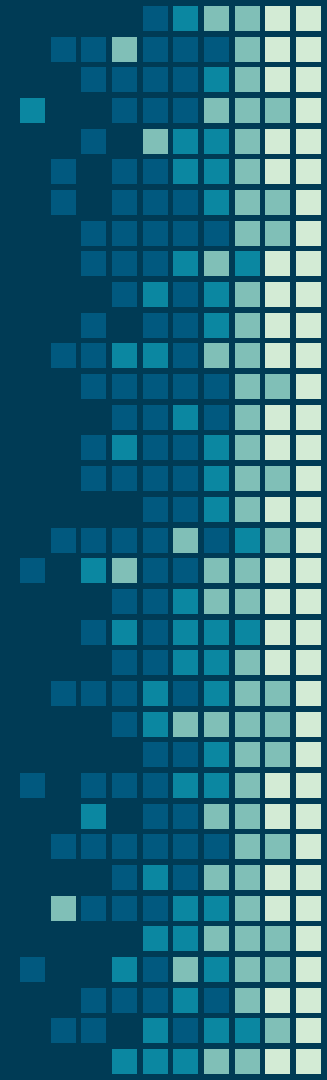
</table>

</template>
```

```
<script>
export default {
  name: 'my-object-table',
  props: {
    objects: Array,
    columns: Array,
    isAdmin: Boolean
  },
  data: {searchQuery: ''},
  computed: {
    filteredObjects: function () {...}
  },
  filters: {
    capitalize: function (str) {...}
  }
}
</script>
```



3. Écosystème



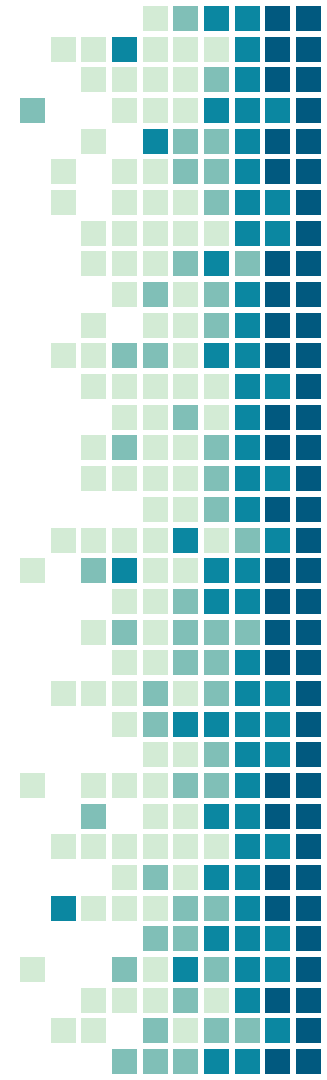


Node Package Manager: Gestion des paquets javascript

package.json

```
{  
  "dependencies": {  
    "axios": "^0.18.0",  
    "bootstrap": "^4.3.1",  
    "bootstrap-vue": "latest",  
    "jquery": "^3.3.1",  
    "popper.js": "^1.12.9",  
    "vue": "^2.5.2",  
    "vue-awesome": "^3.4.0",  
    "vue-router": "^3.0.1"  
  },  
}
```

npm install



Vue CLI



Create a new project

```
vue init webpack mon_projet
```

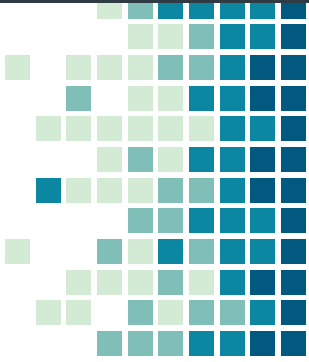
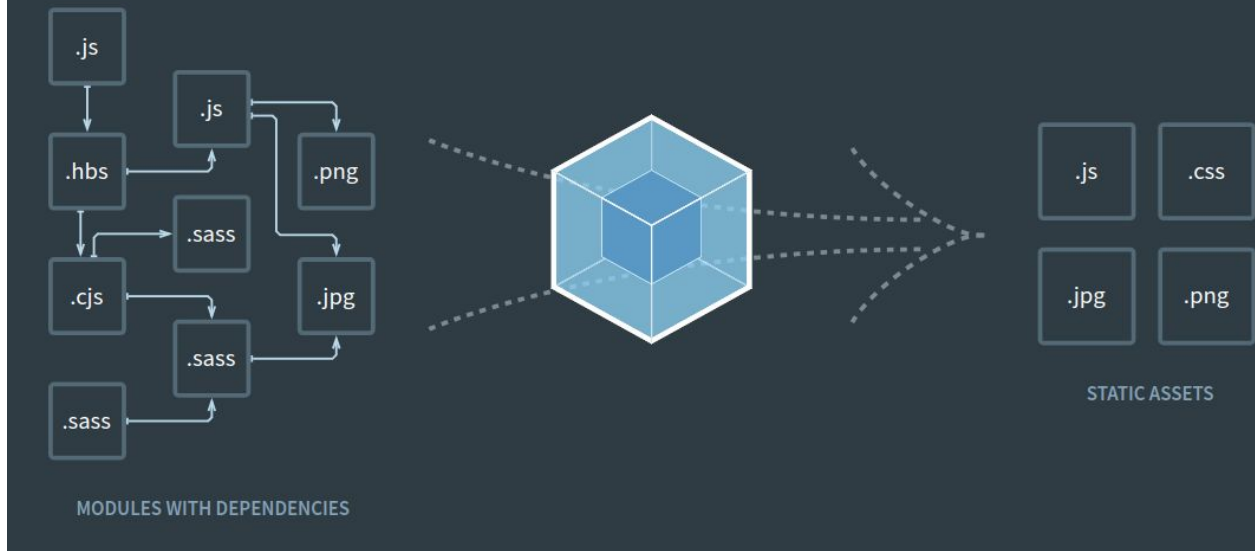
```
mon_projet/  
  build/  
  config/  
  index.html  
  package.json  
  README.md  
  src/  
  static/
```

WEBPACK

webpack.base.conf.js

```
module: {  
  rules: [  
    {  
      test: /\.vue$/,  
      loader: 'vue-loader',  
    },  
    {  
      test: /\.js$/,  
      loader: 'babel-loader',  
    },  
  ],  
}
```

bundle your images

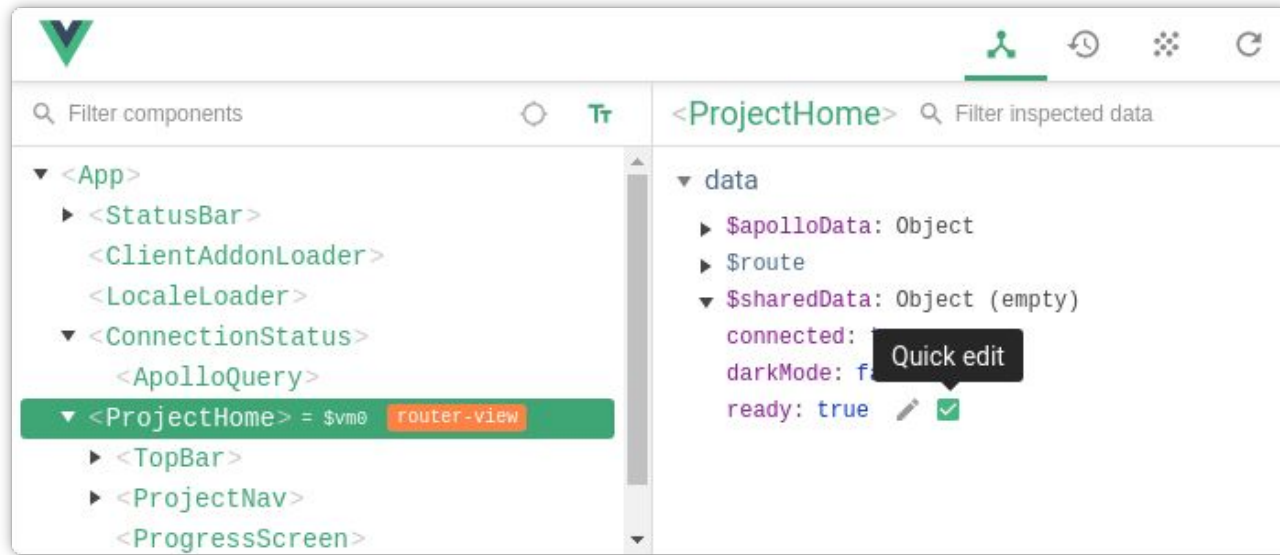
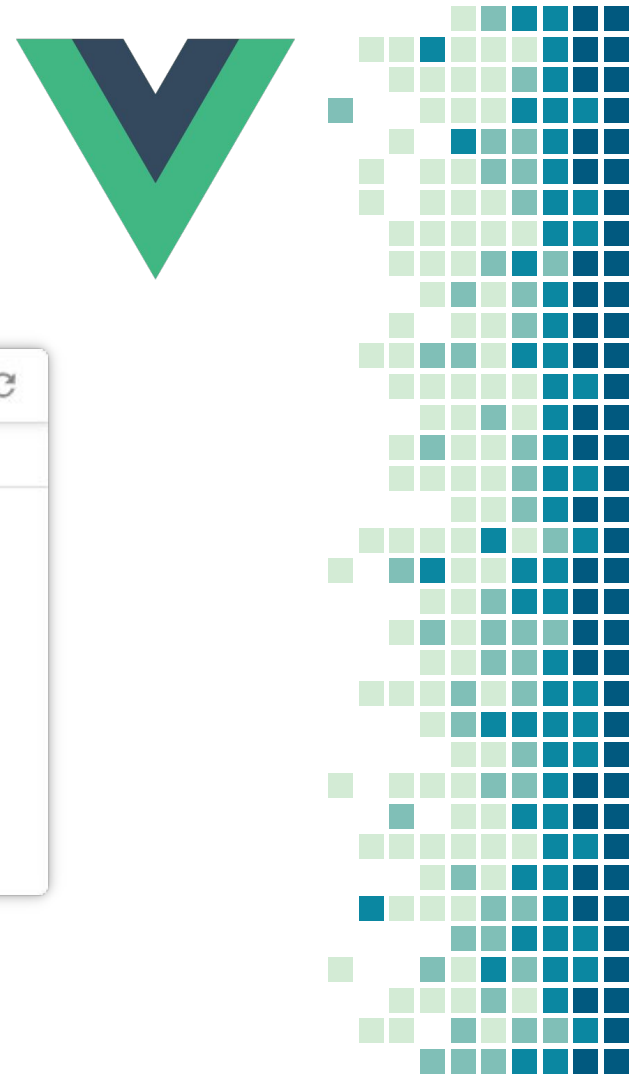


```
"devDependencies": {
  "autoprefixer": "^7.1.2",
  "babel-core": "^6.22.1",
  "babel-eslint": "^7.1.1",
  "babel-loader": "^7.1.1",
  "babel-plugin-transform-runtime": "^6.22.0",
  "babel-preset-env": "^1.3.2",
  "babel-preset-stage-2": "^6.22.0",
  "babel-register": "^6.22.0",
  "chalk": "^2.0.1",
  "connect-history-api-fallback": "^1.3.0",
  "copy-webpack-plugin": "^4.0.1",
  "css-loader": "^0.28.0",
  "cssnano": "^3.10.0",
  "eslint": "^3.19.0",
  "eslint-friendly-formatter": "^3.0.0",
  "eslint-loader": "^1.7.1",
  "eslint-plugin-html": "^3.0.0",
  "eslint-config-standard": "^6.2.1",
  "eslint-plugin-promise": "^3.4.0",
  "eslint-plugin-standard": "^2.0.1",
  "events-source-polyfill": "^0.9.6",
  "express": "^4.14.1",
  "extract-text-webpack-plugin": "^2.0.0",
  "file-loader": "^0.11.1",
  "friendly-errors-webpack-plugin": "^1.1.3",
  "html-webpack-plugin": "^2.28.0",
  "http-proxy-middleware": "^0.17.3",
  "webpack-bundle-analyzer": "^2.2.1",
  "semver": "^5.3.0",
  "shelljs": "^0.7.6",
  "opn": "^5.1.0",
  "optimize-css-assets-webpack-plugin": "^2.0.0",
  "ora": "^1.2.0",
  "rimraf": "^2.6.0",
  "url-loader": "^0.5.8",
  "vue-loader": "^13.0.4",
  "vue-style-loader": "^3.0.1",
  "vue-template-compiler": "^2.4.2",
  "webpack": "^2.6.1",
  "webpack-dev-middleware": "^1.10.0",
  "webpack-hot-middleware": "^2.18.0",
  "webpack-merge": "^4.1.0"
},
```

vue-loader
babel-loader
eslint-loader
webpack
webpack-dev-middleware
webpack-hot-middleware



vue-devtools



WEBSTORM



IDE avec débogueur



Awesome Vue

A curated list of awesome things related to Vue.js



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JavaScript



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- Awesome Vue

<https://aithub.com/vueis/awesome-vue>