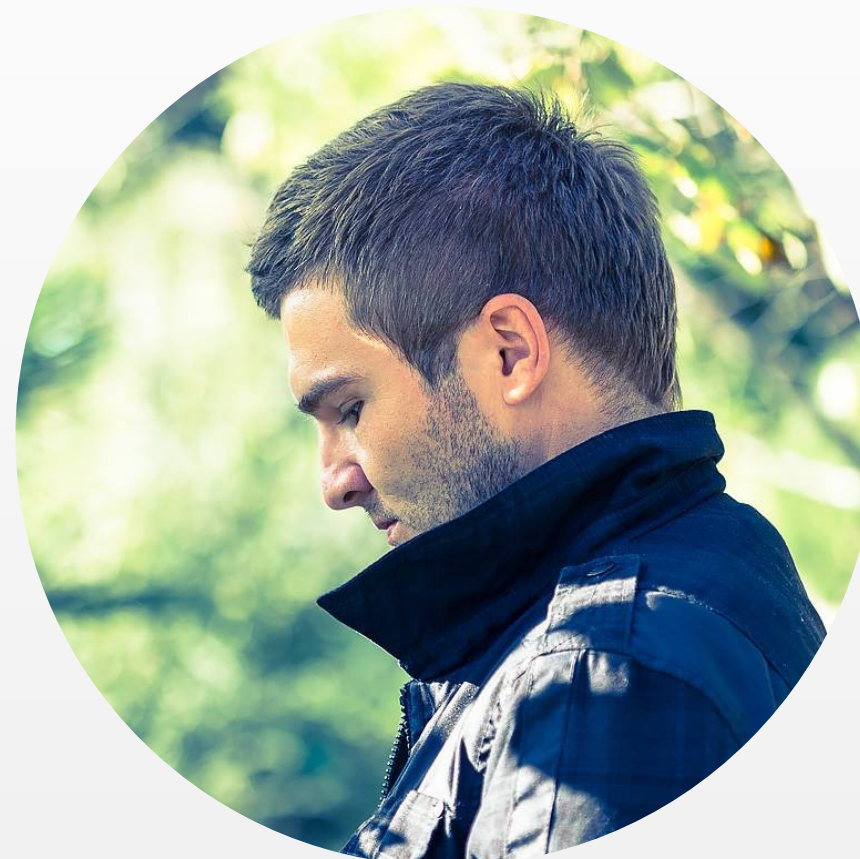




Vue.JS

as a **daily driver** with NuxtJS



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The ways we can ride with Vue

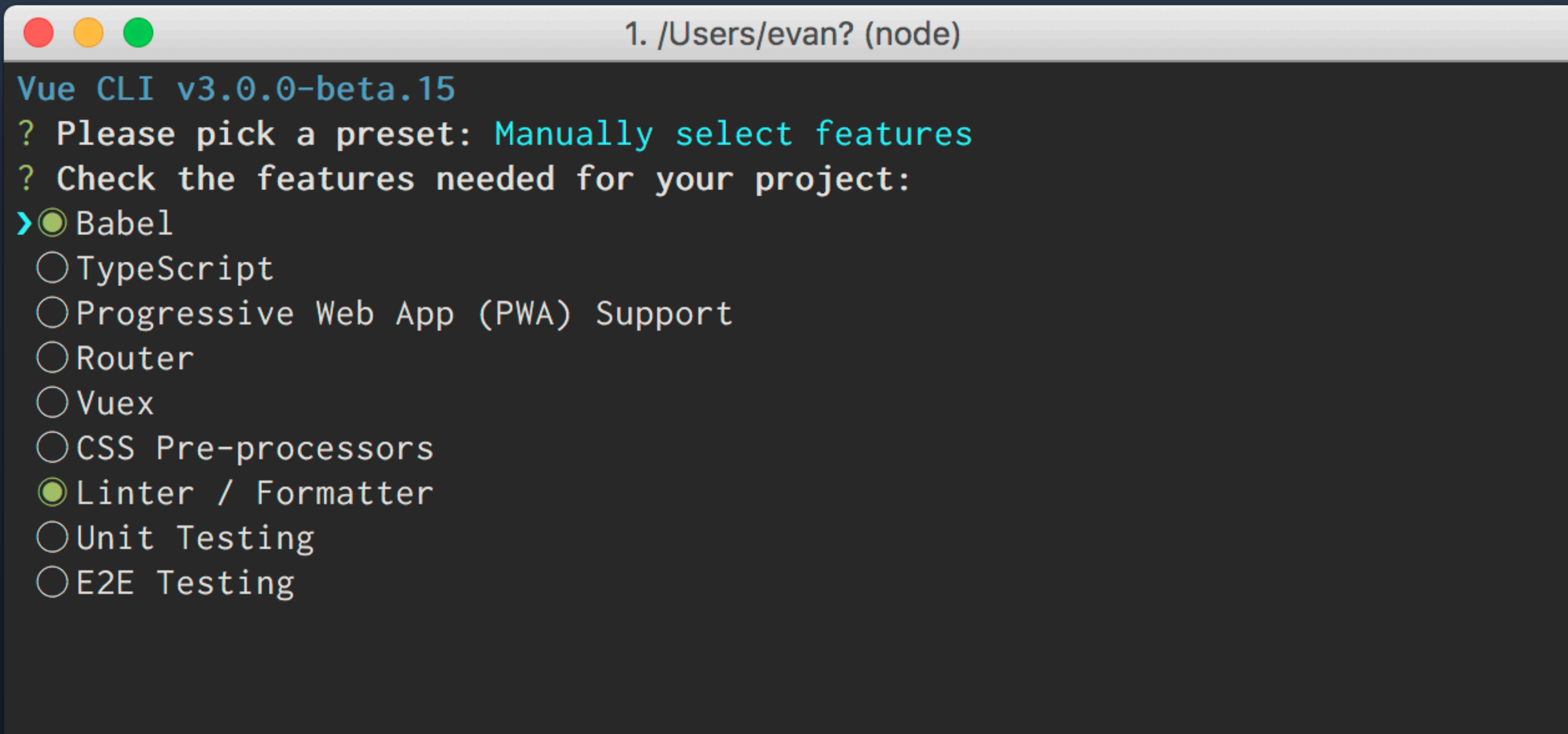
Easy way

```
<script src="https://unpkg.com/vue"></script>
```

```
const app = new Vue({  
  el: '#app',  
  data: { },  
  methods: { },  
  computed: { }  
})
```

Advanced way

\$ vue create my-app



```
1. /Users/evan? (node)
Vue CLI v3.0.0-beta.15
? Please pick a preset: Manually select features
? Check the features needed for your project:
> ☒ Babel
  ☐ TypeScript
  ☐ Progressive Web App (PWA) Support
  ☐ Router
  ☐ Vuex
  ☐ CSS Pre-processors
  ☒ Linter / Formatter
  ☐ Unit Testing
  ☐ E2E Testing
```

Convenient way

\$ npx create-nuxt-app <project-name>

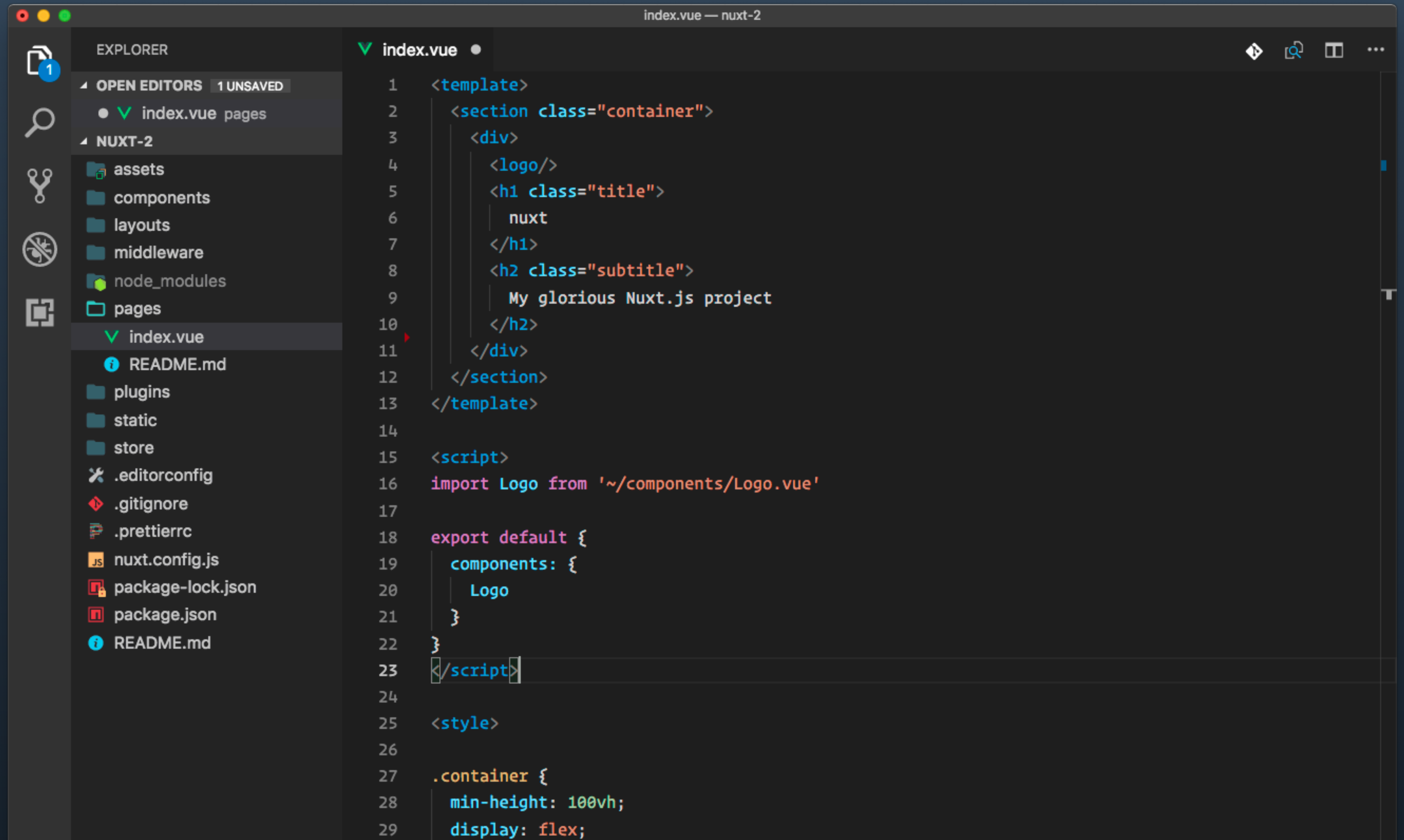
```
1. node

~/Documents/Projects ~
$ npx create-nuxt-app nuxt-2
npx: installed 402 in 18.183s
> Generating Nuxt.js project in /Users/davidlicen/Documents/Projects/nuxt-2
? Project name nuxt
? Project description My glorious Nuxt.js project
? Use a custom server framework none
? Use a custom UI framework none
? Choose rendering mode Single Page App
? Use axios module yes
? Use eslint no
? Use prettier
no
```



Nuxt Highlights

- A minimalist framework for creating universal **server side rendered** (SSR) applications
- Shares an idea from the **Next.js** (with ReactJS)
- Similar to Ember tries to pack **essential set of tools**
- **UI rendering** as main scope (abstracting away the client/server distribution)



What's in the box?

- Latest **Vue**
- **Vue-Router**
- **Vuex** (included only when using the store option)
- **Vue-Meta**

A total of only **28kb**
min+gzip (31kb with **Vuex**)

Features

- Automatic Code Splitting
- Server-Side Rendering
- Powerful Routing System with Asynchronous Data
- Static File Serving
- Bundling and minifying of your JS & CSS
- Managing Head Elements
- Hot reloading in Development
- Error handling (404 pages)

Automatic routing

pages/ is the main API

Nuxt.js automatically generates the **vue-router** configuration according to your file tree of *.vue files inside the **/pages** directory

pages/

-- index.vue	→	/
-- about.vue	→	/about
-- contact.vue	→	/contact

Links

```
<nuxt-link to="/about">About</nuxt-link>  
<nuxt-link to="/contact">Contact</nuxt-link>
```


Deployment

Serverless Deployment

```
npm run generate
```

.nuxt

pages/

--| index.vue

→ **/index.html**

--| about.vue

→ **/about/index.html**

--| contact.vue

→ **/contact/index.html**

Server Deployment

```
npm run build
```

```
npm run start
```

”Essential” Nuxt modules and Vue plugins

for a daily commute

Nuxt modules

- @nuxtjs/**style-resources**
- @nuxtjs/**google-analytics**
- @nuxtjs/**google-tag-manager**
- @nuxtjs/**feed**
- @nuxtjs/**markdownit**
- @nuxtjs/**axios**

Vue plugins

- vue-**social-share**
- vue-**lazy-image**
- vue-**scrollto**
- vee-**validate**
- vue-**cookie-law**

Some **examples** of usage

Social share links

```
<social-sharing
  :url="`https://mysite.com/news/${this.slug}`"
  :title="newsTitle"
  :description="newsDescription"
  twitter-user="davision"
  hashtags="vuejs,javascript,nuxt"
  inline-template
  network-tag="a">
<div class="share">
  <network network="twitter"></network>
  <network network="facebook"></network>
  <network network="linkedin"></network>
</div>
</social-sharing>
```

Using lazy loader plugin

```
<v-lazy-image  
  :src="image"  
  :alt="title"  
  src-placeholder="/placeholder.jpg"/>
```

Using Nuxt as a static .md blog

```
<div v-html="$md.render(news.default)"></div>
```

```
...
```

```
export default {  
  async asyncData ({params}) {  
    let news = await import(`~/static/news/${params.slug}.md`)  
  
    return {  
      news  
    }  
  },  
}
```

Form validation

```
<label>
  Date of birth
  <input
    v-model="form.email"
    v-validate="'required|email'"
    :class="{ 'input': true, 'is-invalid-input': errors.has('email') }"
    name="email"
    data-vv-as="E-mail"
    type="email" />
  <span
    class="alert"
    v-show="errors.has('email')">
    {{ errors.first('email') }}
  </span>
</label>
```


Api calls

```
submit: async function () {  
  vueScroll.scrollTo('#top')  
  try {  
    if (await this.$validator.validate()) {  
      this.state = 'loading'  
      const res = await this.$axios.$put('/applicants', this.form)  
      this.state = 'success'  
    }  
  } catch (err) {  
    this.state = 'error'  
    this.handleServerError(err)  
  }  
}
```

Custom mixin

```
export const handleServerError = {
  methods: {
    handleServerError: function (err) {
      if (!err.response) {
        return
      }
      err.response.data.errors.forEach((err) => {
        if (err.code === 42209) {
          this.errors.add('email', 'Email already exists')
        }
      })
    }
  }
}
```

Thank you!

Any ?