VueDC

Website:
https://www.vuedc.io

Twitter:
@vuejsdc

Discord:
https://discordapp.com/invite/6MZWP8z

wifi: TPGuest
password: #1politics

Announcements

- **Connect.Tech - Atlanta, Georgia**
  - Now!
  - @connect_js / @bencodezen

- **JS Playday**
  - Saturday, October 20, 2018
  - 1 - 4:30pm

- **VueToronto - Toronto, Canada**
  - November 14-16, 2018

- **VueConf US - Tampa, FL**
  - March 25-27, 2019
  - Call For Papers
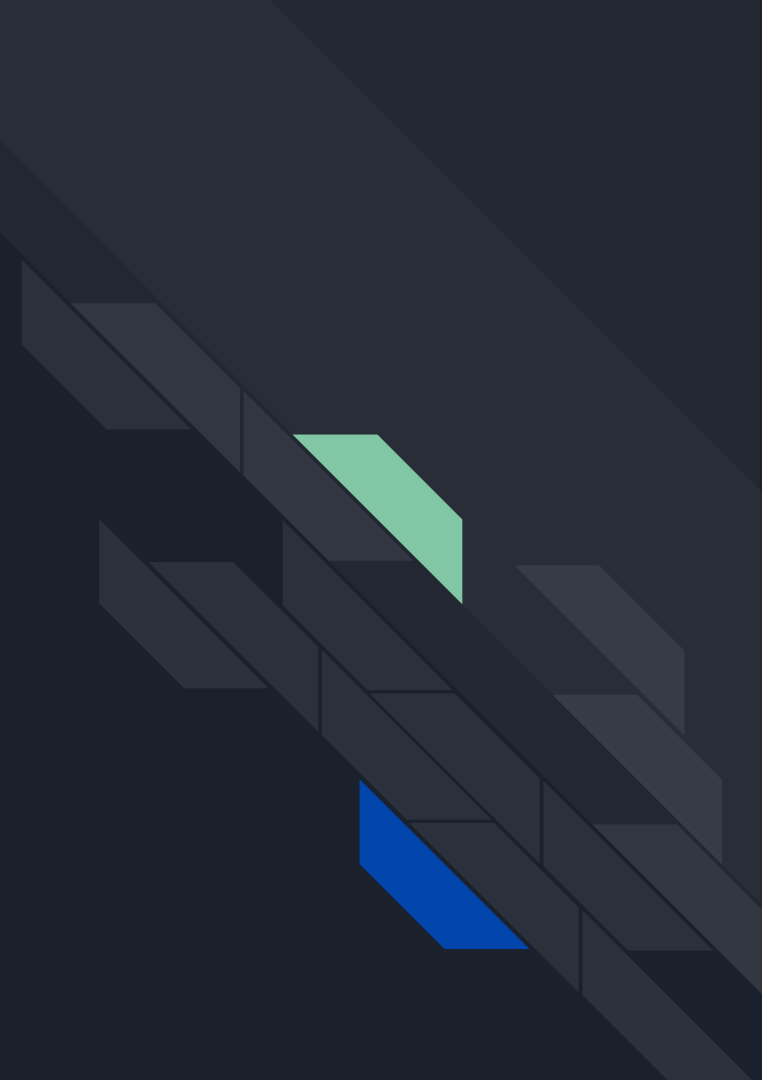
We're always looking for speakers!

If you don't have a topic, that's okay! We can work with you to come up with one or collaborate together on a talk.

And if you're interested in being a part of our show & tell, let us know so we can slot you in a future meetup!

Reach out to us at vuejsdc@gmail.com!
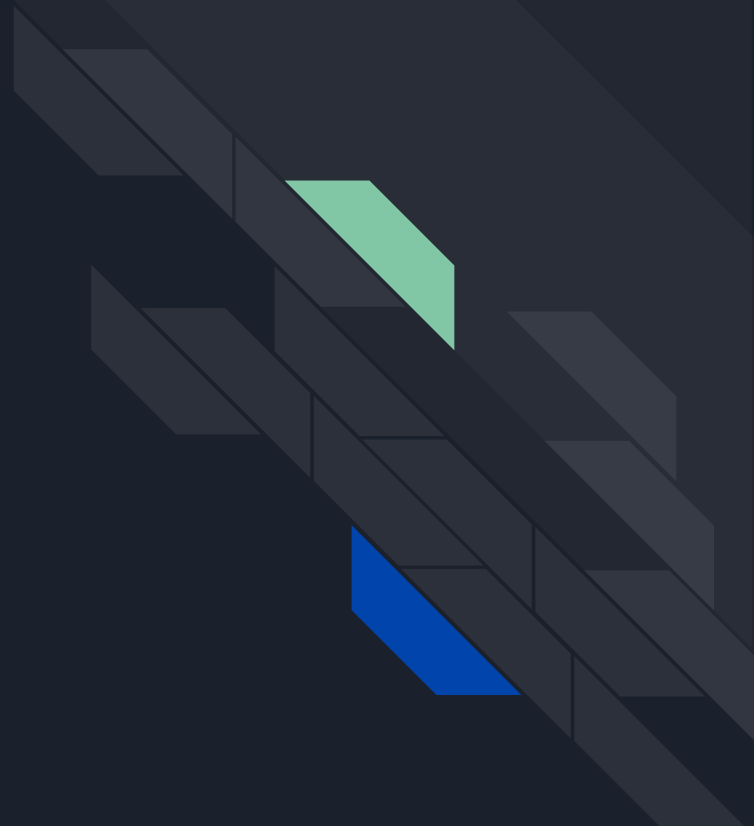
Many thanks to our
gold sponsor
POLITICO

Why Vue CLI 3?

Full Rewrite:
- Zero config
- Best practices by default

Default Features:
- Pre-configured webpack
- ES2017
- PostCSS
- Auto-generated HTML
- Environment modes & variables
- Modern mode
- Multiple Pages
- Build targets

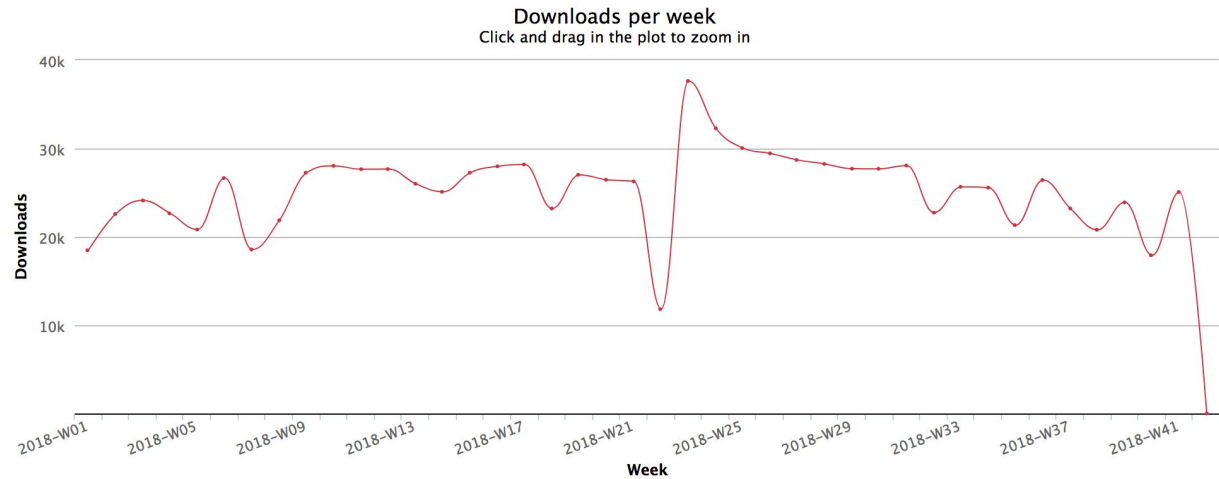Optional Features:
- TypeScript
- Progressive Web App
- Vue Router
- Vuex
- Linting: ESLint / TSLint / Prettier
- Unit Testing: Jest / Mocha
- E2E Testing: Cypress / Nightwatch

And More...
- Presets (Templates)
- Plugin API
- GUI
- Prototyping

Adoption

Vue CLI 2.x

Downloads per day
Click and drag in the plot to zoom in

Downloads per week
Click and drag in the plot to zoom in

Adoption

Vue CLI 3.x

Downloads per day
Click and drag in the plot to zoom in

Downloads per week
Click and drag in the plot to zoom in
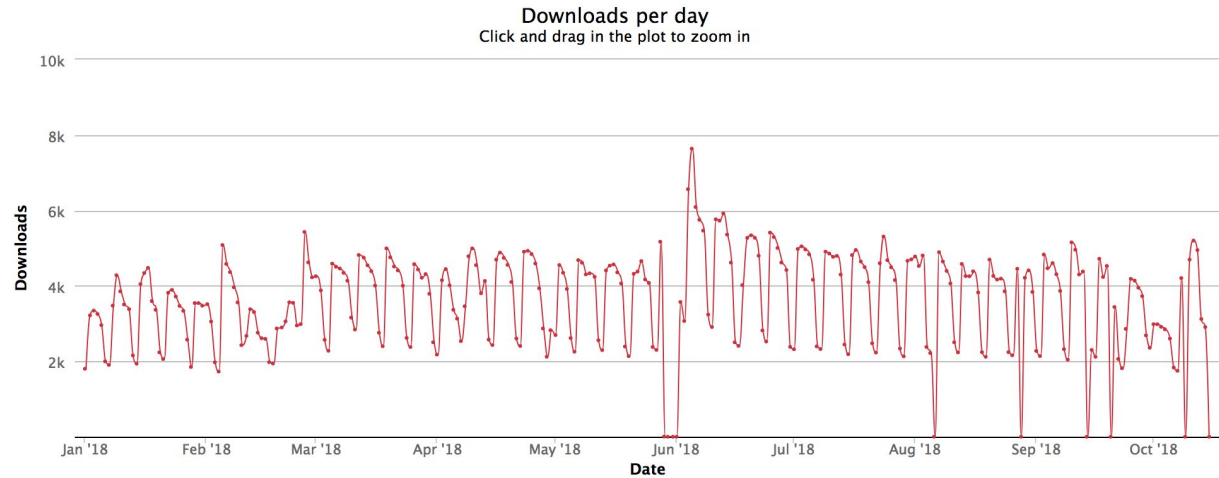
Installation
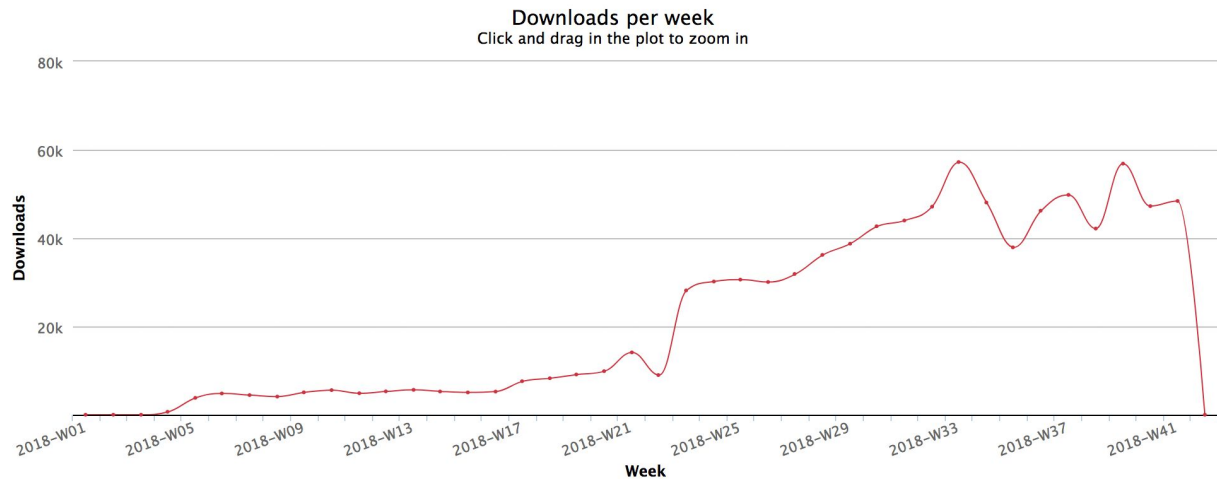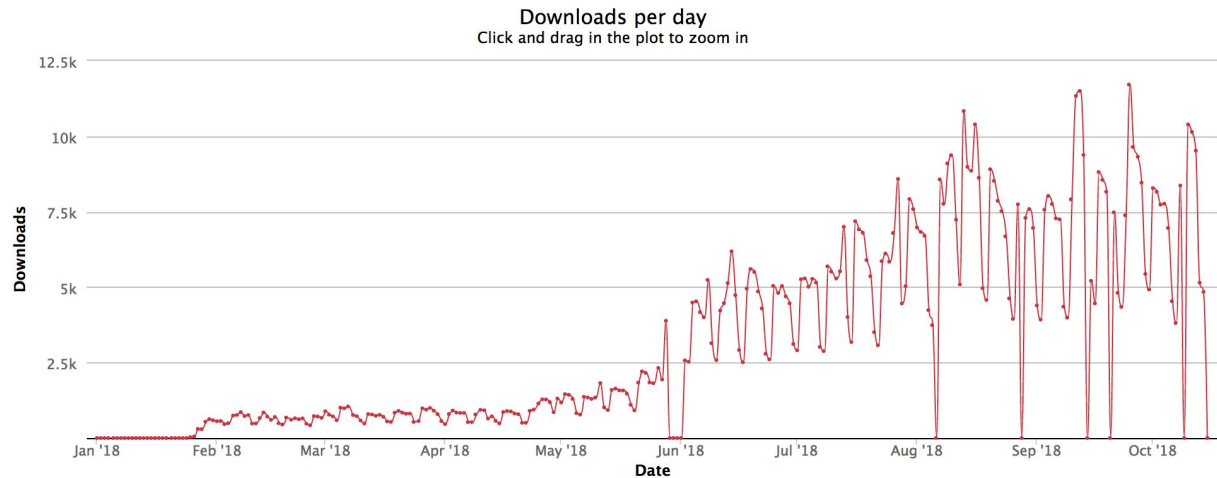
```
npm install -g @vue/cli
```

```
yarn global add @vue/cli
```

Create a project (command line)

```
> vue create my-project
```

```
Vue CLI v3.0.5
? Please pick a preset: (Use arrow keys)
  default (babel, eslint)
❯ Manually select features
```

Create a project (command line)

```
> vue create my-project
```

```
Vue CLI v3.0.5
? Please pick a preset: Manually select features
? Check the features needed for your project: (Press <space> to select, <a> to
toggle all, <i> to invert selection)
 ◉ Babel
 ○ TypeScript
 ○ Progressive Web App (PWA) Support
 ○ Router
 ○ Vuex
 ◉ CSS Pre-processors
❯◉ Linter / Formatter
 ○ Unit Testing
 ○ E2E Testing
```

Create a project (command line)

```
> vue create my-project
```

```
Vue CLI v3.0.5
? Please pick a preset: Manually select features
? Check the features needed for your project: Linter
? Pick a linter / formatter config:
  ESLint with error prevention only
  ESLint + Airbnb config
> ESLint + Standard config
  ESLint + Prettier
```

Create a project (command line)

```
> vue create my-project
```

```
Vue CLI v3.0.5
? Please pick a preset: Manually select features
? Check the features needed for your project: Babel, CSS Pre-processors, Linter
? Pick a CSS pre-processor (PostCSS, Autoprefixer and CSS Modules are supported
by default): Sass/SCSS
? Pick a linter / formatter config: Standard
? Pick additional lint features: Lint on save
? Where do you prefer placing config for Babel, PostCSS, ESLint, etc.? In
dedicated config files
? Save this as a preset for future projects? Yes
? Save preset as: Linting and SASS
```

Create a project (presets)

```
> vue create my-project
```

```
Vue CLI v3.0.5
? Please pick a preset: (Use arrow keys)
❯ Linting and SASS (sass, babel, eslint)
  default (babel, eslint)
  Manually select features
```

Create a project (presets)

System Preset

```
> vue create my-project -p "Linting and SASS"
```

Create a project (UI)

```
> vue ui
```

Create a project (UI)

```
> vue ui
```

Create a new project

Details · Presets · Features · Configuration

Project folder

📁 my-project

...ren/vuedc/vue-cli-overview/**my-project** ✏️

Package manager

Default

Additional options
Overwrite target folder if it exists

Git repository
Initialize git repository (recommended)

Initial commit message (optional)

✕ Cancel   Next →

/Users/cguirren/workspaces/guirren/vuedc/vue-cli-overview   Ready on http://localhost:8000

Create a new project

Details · Presets · Features · Configuration

ℹ️ You will be able to add features after the project is created by installing plugins.

Available features

Babel
Transpile modern JavaScript to older versions (for compatibility) ↗ More Info

TypeScript
Add support for the TypeScript language ↗ More Info

Progressive Web App (PWA) Support
Improve performances with features like Web manifest and Service workers ↗ More Info

Router
Structure the app with dynamic pages ↗ More info

Vuex
Manage the app state with a centralized store ↗ More Info

CSS Pre-processors
Add support for CSS pre-processors like Sass, Less or Stylus ↗ More Info

← Previous   Next →

/Users/cguirren/workspaces/guirren/vuedc/vue-cli-overview   Ready on http://localhost:8000

DEMO

Project Structure

▸ public
▸ src
▸ tests
≡ .browserslistrc
◆ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json
🐱 yarn.lock

Project Structure

public
src
tests
.browserslistrc
.gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
README.md
{} tsconfig.json
{} tslint.json
yarn.lock

▲ **public**
 ▲ img
  ▲ icons
   android-chrome-192x192.png
   android-chrome-512x512.png
   apple-touch-icon-60x60.png
   apple-touch-icon-76x76.png
   apple-touch-icon-120x120.png
   apple-touch-icon-152x152.png
   apple-touch-icon-180x180.png
   apple-touch-icon.png
   favicon-16x16.png
   favicon-32x32.png
   msapplication-icon-144x144.png
   mstile-150x150.png
   safari-pinned-tab.svg
 favicon.ico
 index.html
 {} manifest.json
 robots.txt

Project Structure

▸ public
▸ src
▸ tests

Web App icon placeholders (PWA)

◈ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json
🐱 yarn.lock

◢ public
  ◢ img
    ◢ icons
      🖼 android-chrome-192x192.png
      🖼 android-chrome-512x512.png
      🖼 apple-touch-icon-60x60.png
      🖼 apple-touch-icon-76x76.png
      🖼 apple-touch-icon-120x120.png
      🖼 apple-touch-icon-152x152.png
      🖼 apple-touch-icon-180x180.png
      🖼 apple-touch-icon.png
      🖼 favicon-16x16.png
      🖼 favicon-32x32.png
      🖼 msapplication-icon-144x144.png
      🖼 mstile-150x150.png
      🔖 safari-pinned-tab.svg
  ⭐ favicon.ico
  <> index.html
  {} manifest.json
  ≣ robots.txt

Project Structure

▸ public
▸ src
▸ tests
≡ .browserslistrc
◆ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
Entry point
🐱 yarn.lock

◢ public
  ◢ img
    ◢ icons
      🖼 android-chrome-192x192.png
      🖼 android-chrome-512x512.png
      🖼 apple-touch-icon-60x60.png
      🖼 apple-touch-icon-76x76.png
      🖼 apple-touch-icon-120x120.png
      🖼 apple-touch-icon-152x152.png
      🖼 apple-touch-icon-180x180.png
      🖼 apple-touch-icon.png
      🖼 favicon-16x16.png
      🖼 favicon-32x32.png
      🖼 msapplication-icon-144x144.png
      🖼 mstile-150x150.png
      🔖 safari-pinned-tab.svg
  ★ favicon.ico
  <> index.html
  {} manifest.json
  ≡ robots.txt

Project Structure

▸ public
▸ src
▸ tests
≡ .browserslistrc
◈ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json

Web App icon source / theme (PWA)

◢ public
  ◢ img
    ◢ icons
      🖼 android-chrome-192x192.png
      🖼 android-chrome-512x512.png
      🖼 apple-touch-icon-60x60.png
      🖼 apple-touch-icon-76x76.png
      🖼 apple-touch-icon-120x120.png
      🖼 apple-touch-icon-152x152.png
      🖼 apple-touch-icon-180x180.png
      🖼 apple-touch-icon.png
      🖼 favicon-16x16.png
      🖼 favicon-32x32.png
      🖼 msapplication-icon-144x144.png
      🖼 mstile-150x150.png
      🔖 safari-pinned-tab.svg
  ★ favicon.ico
  <> index.html
  {} manifest.json
  ≡ robots.txt

Project Structure

- ▷ public
- ▷ src
- ▷ tests
- ≡ .browserslistrc
- ◈ .gitignore
- JS babel.config.js
- {} cypress.json
- JS jest.config.js
- {} package.json
- JS postcss.config.js
- ⓘ README.md
- {} tsconfig.json
- {} tslint.json
- 🐱 yarn.lock

Control Crawlers for SEO

- ◢ public
  - ◢ img
    - ◢ icons
      - 🖼 android-chrome-192x192.png
      - 🖼 android-chrome-512x512.png
      - 🖼 apple-touch-icon-60x60.png
      - 🖼 apple-touch-icon-76x76.png
      - 🖼 apple-touch-icon-120x120.png
      - 🖼 apple-touch-icon-152x152.png
      - 🖼 apple-touch-icon-180x180.png
      - 🖼 apple-touch-icon.png
      - 🖼 favicon-16x16.png
      - 🖼 favicon-32x32.png
      - 🖼 msapplication-icon-144x144.png
      - 🖼 mstile-150x150.png
      - 🔖 safari-pinned-tab.svg
  - ⭐ favicon.ico
  - <> index.html
  - {} manifest.json
  - ≡ robots.txt

Project Structure

- ▷ public
- ▷ src
- ▷ tests
- ☰ .browserslistrc
- .gitignore
- JS babel.config.js
- {} cypress.json
- JS jest.config.js
- {} package.json
- JS postcss.config.js
- ⓘ README.md
- {} tsconfig.json
- {} tslint.json
- yarn.lock

- ◢ **src**
  - ◢ assets
    - logo.png
  - ◢ components
    - V HelloWorld.vue
  - ◢ views
    - V About.vue
    - V Home.vue
  - V App.vue
  - TS main.ts
  - TS registerServiceWorker.ts
  - TS router.ts
  - TS shims-tsx.d.ts
  - TS shims-vue.d.ts
  - TS store.ts

Project Structure

Optimized assets

▷ public
▷ src
▷ tests
≡ .browserslistrc
◆ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json
🐱 yarn.lock

◢ src
  ◢ assets
    🖼 logo.png
  ◢ components
    V HelloWorld.vue
  ◢ views
    V About.vue
    V Home.vue
  V App.vue
  TS main.ts
  TS registerServiceWorker.ts
  TS router.ts
  TS shims-tsx.d.ts
  TS shims-vue.d.ts
  TS store.ts

Project Structure
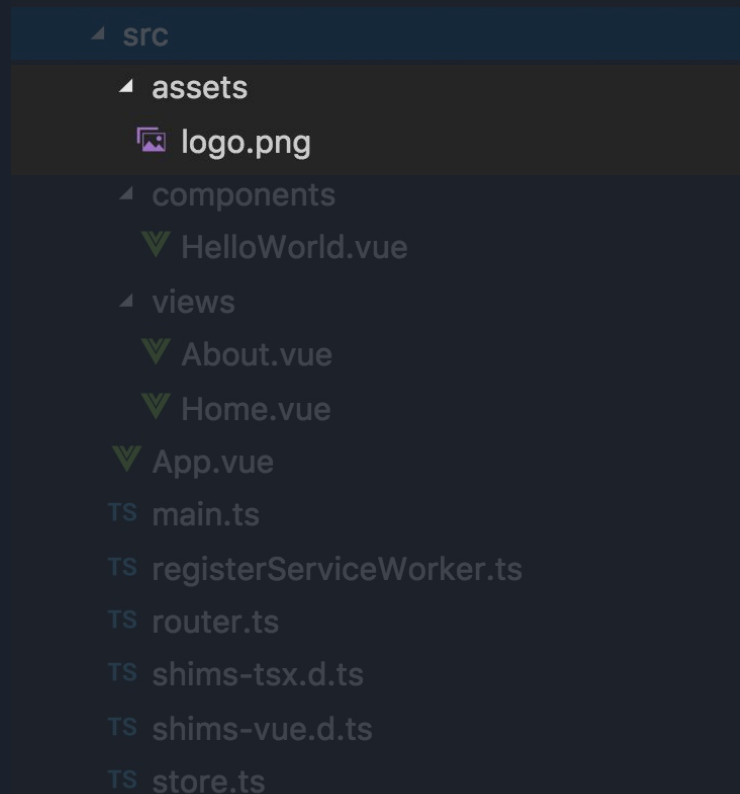
▸ public
▸ src
▸ tests
≡ browserslistrc
◈ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json
🔹 yarn.lock

SFCs and Javascript

◢ src
  ▾ assets
    🖼 logo.png
  ◢ components
    V HelloWorld.vue
  ◢ views
    V About.vue
    V Home.vue
  V App.vue
  TS main.ts
  TS registerServiceWorker.ts
  TS router.ts
  TS shims-tsx.d.ts
  TS shims-vue.d.ts
  TS store.ts

Project Structure

- ▷ public
- ▷ src
- ▷ tests
- ≡ .browserslistrc
- ◈ .gitignore
- JS babel.config.js
- {} cypress.json
- JS jest.config.js
- {} package.json
- JS postcss.config.js
- ⓘ README.md
- {} tsconfig.json
- {} tslint.json
- 🐱 yarn.lock

Service Workers (PWA)

- ◢ src
  - ◢ assets
    - 🖼 logo.png
  - ◢ components
    - V HelloWorld.vue
  - ◢ views
    - V About.vue
    - V Home.vue
  - V App.vue
  - TS main.ts
  - TS registerServiceWorker.ts
  - TS router.ts
  - TS shims-tsx.d.ts
  - TS shims-vue.d.ts
  - TS store.ts

Project Structure

- ▷ public
- ▷ src
- ▷ tests
- ☰ .browserslistrc
- ◆ .gitignore
- JS babel.config.js
- {} cypress.json
- JS jest.config.js
- {} package.json
- JS postcss.config.js
- ① README.md
- {} tsconfig.json
- {} tslint.json
- 🔹 yarn.lock

Vue Router / Vuex

- ◢ src
  - ◢ assets
    - 🖼 logo.png
  - ◢ components
    - V HelloWorld.vue
  - ◢ views
    - V About.vue
    - V Home.vue
  - V App.vue
  - TS main.ts
  - TS registerServiceWorker.ts
  - TS router.ts
  - TS shims-tsx.d.ts
  - TS shims-vue.d.ts
  - TS store.ts

Project Structure

```
▸ public
▸ src
▸ tests
≡ .browserslistrc
◆ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
    README.md
{} tsconfig.json
{} tslint.json
🐱 yarn.lock
```

TypeScript

```
▲ src
  ▲ assets
    🖼 logo.png
  ▲ components
    V HelloWorld.vue
  ▲ views
    V About.vue
    V Home.vue
  V App.vue
  TS main.ts
  TS registerServiceWorker.ts
  TS router.ts
  TS shims-tsx.d.ts
  TS shims-vue.d.ts
  TS store.ts
```

Project Structure

- ▷ public
- ▷ src
- ▷ tests
- ≡ .browserslistrc
- .gitignore
- JS babel.config.js
- {} cypress.json
- JS jest.config.js
- {} package.json
- JS postcss.config.js
- ⓘ README.md
- {} tsconfig.json
- {} tslint.json
- yarn.lock

- ⊿ **tests**
  - ⊿ e2e
    - ⊿ plugins
      - JS index.js
    - ⊿ specs
      - JS test.js
    - ⊿ support
      - JS commands.js
      - JS index.js
  - ⊿ unit
    - TS example.spec.ts

Project Structure

public
src
tests
.browserslistrc

End-to-end (Cypress)

JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json
🐈 yarn.lock

tests
  e2e
    plugins
      JS index.js
    specs
      JS test.js
    support
      JS commands.js
      JS index.js
  unit
    TS example.spec.ts

Project Structure

public
src
tests
.browserslistrc
.gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json

Unit Testing (Jest)

(i) README.md
{} tsconfig.json
{} tslint.json
yarn.lock

tests
  e2e
    plugins
      JS index.js
    specs
      JS test.js
    support
      JS commands.js
      JS index.js
  unit
    TS example.spec.ts

Project Structure

▸ public
▸ src
▸ tests
≡ .browserslistrc
◆ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json
🐱 yarn.lock

Project Structure

public
src
tests
.browserslistrc
.gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
(i) README.md
{} tsconfig.json
{} tslint.json
yarn.lock

```
> 1%
last 2 versions
not ie <= 8
```

- Babel and autoprefixer

Project Structure

```
▸  public
▸  src
▸  tests
≡  .browserslistrc
◈  .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ  README.md
{} tsconfig.json
{} tslint.json
🐱 yarn.lock
```

```js
module.exports = {
    presets: [
        '@vue/app'
    ]
}
```

- Babel 7
- Latest ECMAScript features (babel-preset-env)
- Object rest spread and dynamic import
- Transform Vue JSX
- Transform generator and async/await

Project Structure

```
  ▷ public
  ▷ src
  ▷ tests
  ≡ .browserslistrc
  ◈ .gitignore
 JS babel.config.js
  {} cypress.json
 JS jest.config.js
  {} package.json
 JS postcss.config.js
  ⓘ README.md
  {} tsconfig.json
  {} tslint.json
  🐱 yarn.lock
```

```js
module.exports = {
    plugins: {
        autoprefixer: {}
    }
};
```

- Supports postcss-load-config and postcss-loader
- Autoprefixer enabled by default

Project Structure

▷ public
▷ src
▷ tests
≡ .browserslistrc
◆ .gitignore
JS babel.config.js
{} cypress.json
JS jest.config.js
{} package.json
JS postcss.config.js
ⓘ README.md
{} tsconfig.json
{} tslint.json
yarn.lock

TypeScript

Develop, Lint, Test, Build and Deploy

1) Develop

```
> npm run serve / yarn serve
```

Develop, Lint, Test, Build and Deploy

1) Develop

```
> npm run serve / yarn serve
```

2) Lint

```
> npm run lint / yarn lint
```

Develop, Lint, Test, Build and Deploy

1) Develop

```
> npm run serve / yarn serve
```

2) Lint

```
> npm run lint / yarn lint
```

3) Test

```
> npm run test:unit / yarn test:unit
```

Develop, Lint, Test, Build and Deploy

1) Develop

```
> npm run serve / yarn serve
```

2) Lint

```
> npm run lint / yarn lint
```

3) Test

```
> npm run test:unit / yarn test:unit
```

4) Build

```
> npm run build / yarn build
```

Develop, Lint, Test, Build and Deploy

1) Develop

```
> npm run serve / yarn   > vue-cli-service serve
```

2) Lint

```
> npm run lint / yarn l  > vue-cli-service lint
```

3) Test

```
> npm run test / yarn t  > vue-cli-service test:unit
```

4) Build

```
> npm run build / yarn   > vue-cli-service build
```

Develop, Lint, Test, Build and Deploy

5) Deploy

Copy ./dist folder to your server.

Develop, Lint, Test, Build and Deploy

5) Deploy

Copy ./dist folder to your server.

DEMO

vue.config.js

Optional file, automatically loaded by vue-cli-service

```
> vue inspect > output.js
```

baseUrl
outputDir
assetsDir
indexPath
filenameHashing
pages
lintOnSave
runtimeCompiler
transpileDependencies
productionSourceMap
crossorigin

integrity
configureWebpack
chainWebpack
css.modules
css.extract
css.sourceMap
css.loaderOptions
devServer
devServer.proxy
parallel
pwa
pluginOptions

vue.config.js

```javascript
module.exports = {
    assetsDir: 'assets',
    productionSourceMap: false,
    lintOnSave: true,

    devServer: {
        port: 8080,
        host: 'localhost',
        proxy: {
            '/api/': {
                target: 'http://localhost:8083',
            }
        }
    }
}
```

vue.config.js (Webpack)

configureWebpack: Merge configuration using webpack-merge

```
const SomeWebpackPlugin = require('some-webpack-plugin')
module.exports = {
    configureWebpack: {
        plugins: [
            new SomeWebpackPlugin()
        ]
    }
}
```

vue.config.js (Webpack)

chainWebpack: Modify specific details via webpack-chain

```
> vue inspect --rule html
```

```js
module.exports = {
    chainWebpack: config => {
        config
            .plugin('html')
            .tap(args => {
                args[0].template = '/path/to/templates/index.html'
                return args
            })
    }
}
```

Add a plugin

```
> vue add @vue/cli-plugin-eslint
```

Add a plugin

```
> vue add @vue/cli-plugin-eslint
```

```
> vue add @vue/eslint
```

Add a plugin

```
> vue add @vue/eslint
```

Why not npm install?

Add a plugin

```
> vue add @vue/eslint
```

Why not npm install?

```
> npm install @vue/cli-plugin-eslint
```

Add a plugin

```
vu
```

Why

```
np                                plug
```

▸ public	▸ public
▸ src	▸ src
☰ .browserslistrc	☰ .browserslistrc
⬡ .eslintrc.js	
.gitignore	.gitignore
JS babel.config.js	JS babel.config.js
{} package.json	{} package.json
JS postcss.config.js	JS postcss.config.js
ⓘ README.md	ⓘ README.md
🐱 yarn.lock	🐱 yarn.lock

Add a plugin

```
> vue add @vue/eslint
```

Why not npm install?

```
> npm install @vue/cli-plugin-eslint
```

Add a plugin

```
> vue add @vue/eslint
```

Why not npm install?

```
> npm install @vue/cli-plugin-eslint
```

```
> vue invoke @vue/cli-plugin-eslint
```

Add a 3rd party plugin

```
> vue add apollo
```

Add a 3rd party plugin

```
> vue add apollo
```

Equates to...

```
> npm install vue-cli-plugin-apollo
```

```
> vue invoke vue-cli-plugin-apollo
```

Remove a plugin

```
> vue remove @vue/eslint
```

Remove a plugin

```
> vue remove @vue/eslint
```

Not quite...

[link]

vuejs / **vue-cli**

👁 Watch ▾   545   ⭐ Uns

‹› Code   ⊘ Issues `170`   ⭟ Pull requests `38`   ▥ Projects `1`   🗐 Wiki   ‖ Insights

How does one uninstall a plugin? #2540

⊘ Open   **Worthaboutapig** opened this issue 28 days ago · 11 comments

Worthaboutapig commented 28 days ago   +😀   ⋯

What problem does this feature solve?

There does not appear to be any way to remove a plugin in `vue ui`. The list of plugins on the dashboard don't have a trash icon next to them, as the dependencies list do have. There's no information on whether it's even possible to remove a plugin.

Remove a plugin

```
> vue remove @vue/eslint
```

Not quite...

[link]

> They aren't install-only: you can uninstall them using yarn or npm and clean up the files they added/modified (for example with git). My point is there isn't an automatic way of doing this, we don't have an IA to do that (yet?).

Ok.

Create a plugin

- preset.json: Define a project without needing command prompts.
  `vue create`

- generator.js: Modify contents and configurations of project files.
  `vue create` (if included with preset.json)
  `vue invoke`

- index.js: Modify the webpack config.
  `vue-cli-service`

- prompts.js: Modify options based on user input.
  `vue invoke`

Create a project revisited

System Preset

```
> vue create my-project -p "Linting and SASS"
```

```
> vue config

~/.vuerc
{
    "presets": {
        "Linting and SASS": {
            "useConfigFiles": true,
            "plugins": {
                "@vue/cli-plugin-babel": {},
                "@vue/cli-plugin-eslint": {
                    "config": "standard",
                    "lintOn": ["save"]
                }
            },
            "cssPreprocessor": "sass"
        }
    },
    "useTaobaoRegistry": false,
    "packageManager": "yarn"
}
```

Create a project revisited

System Preset (~/.vuerc)

```
> vue create my-project -p "Linting and SASS"
```

Local Preset

```
> vue create my-project -p ../presets/linting-sass.json
```

Create a project (presets)

Remote Preset (GitHub)

```
> vue create my-project -p guirreri/vue-dc
```

Remote Preset (GitLab)

```
> vue create my-project -p gitlab:guirreri/vue-dc --clone
```

Remote Preset (Bitbucket)

```
> vue create my-project -p bitbucket:guirreri/vue-dc --clone
```

Issues with private Bitbucket / download-git-repo

Create a preset

- Initialize an npm package.
- Open ~/.vuerc
- Copy your preset to a preset.json file in your package's root.
- Create and test a new project using the local preset:

```
> vue create -p <package-folder> <project-name>
> npm run serve
```

Create a plugin

- Create index.js.

Create a plugin

- preset.json: Define a project without needing command prompts.
  `vue create`

- generator.js: Modify contents and configurations of project files.
  `vue create` (if included with preset.json)
  `vue invoke`

- index.js: Modify the webpack config.
  `vue-cli-service`

- prompts.js: Modify options based on user input.
  `vue invoke`

Create a plugin

- Create index.js.
- Create generator.js.

Create a plugin

- preset.json: Define a project without needing command prompts.
- Crea `vue create` js.

- generator.js: Modify contents and configurations of project files.
  `vue create` (if included with preset.json)
  `vue invoke`

- index.js: Modify the webpack config.
  `vue-cli-service`

- prompts.js: Modify options based on user input.
  `vue invoke`

Create a plugin

- Create index.js.
- Create generator.js.
- Add the plugin to your project locally for development:

```
> yarn add ../vue-cli-plugin-vuedc-init
```

- Invoke the plugin:

```
> vue invoke vuedc-init
```

- Re-add and re-invoke to test the plugin.

Create a plugin

- Add api.render to generator.js.
- Add a template folder and modify some files.
- Re-add and re-invoke to test the plugin.

Create a plugin

- Add prompts.js.

Create a plugin

- preset.json: Define a project without needing command prompts.
  `vue create`

- generator.js: Modify contents and configurations of project files.
  `vue create` (if included with preset.json)
  `vue invoke`

- index.js: Modify the webpack config.
  `vue-cli-service`

- prompts.js: Modify options based on user input.
  `vue invoke`

Create a plugin

- Add prompts.js.
  - Based on [Inquirer.js](#)

Questions?

Thanks everyone for coming and hope to see you at the next meetup!

If you need support on a day to day, we got you.

Make sure to:

- Check out our Discord channel (https://discordapp.com/invite/6MZWP8z)

- Bookmark our site (https://www.vuedc.io)

- Find talk resources on GitHub (https://github.com/VueDC)