# 安装

脚手架工具vue-cli,vue-cli自带webpack. 借助webpack工具开发大型开发项目

npm install –global vue-cli

vue init webpack todolist //创建一个标准的webpack vue项目

错误： 此处vue –V报错，vue不是内部或者外部命令

方法：

1. 控制面板卸载nodejs

2. C:\Users\XXX\AppData下的npm和npm-cache删除

3. 下载安装新的nodejs→继续下面命令

node –v

npm –v

npm install –global vue-cli

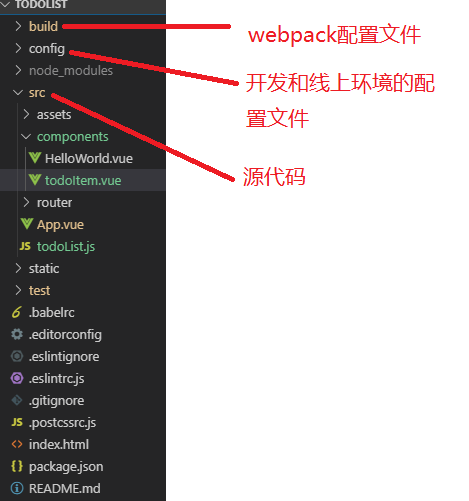
vue init webpack todolist

cd todolist

npm run dev

|  |
| --- |
| C:\Users\XXXX>npm install --global vue-cli  npm WARN deprecated vue-cli@2.9.6: This package has been deprecated in favour of @vue/cli  npm WARN deprecated coffee-script@1.12.7: CoffeeScript on NPM has moved to "coffeescript" (no hyphen)  C:\Users\XXXX\AppData\Roaming\npm\vue -> C:\Users\XXXX\AppData\Roaming\npm\node\_modules\vue-cli\bin\vue  C:\Users\XXXX\AppData\Roaming\npm\vue-list -> C:\Users\XXXX\AppData\Roaming\npm\node\_modules\vue-cli\bin\vue-list  C:\Users\XXXX\AppData\Roaming\npm\vue-init -> C:\Users\XXXX\AppData\Roaming\npm\node\_modules\vue-cli\bin\vue-init  + vue-cli@2.9.6  added 241 packages from 206 contributors in 194.741s  C:\Users\XXXX>vue -V  2.9.6  C:\Users\XXXX>d:  D:\>cd D:\skillmap\vue  D:\skillmap\vue>vue init webpack todolist  ? Project name todolist  ? Project description A Vue.js project  ? Author sunasitA <XXXX@YYYYY>  ? Vue build standalone  ? Install vue-router? Yes  ? Use ESLint to lint your code? Yes  ? Pick an ESLint preset Standard  ? Set up unit tests Yes  ? Pick a test runner jest  ? Setup e2e tests with Nightwatch? Yes  ? Should we run `npm install` for you after the project has been created? (recommended) npm  vue-cli · Generated "todolist".  # Installing project dependencies ...  # ========================  npm WARN deprecated extract-text-webpack-plugin@3.0.2: Deprecated. Please use https://github.com/webpack-contrib/mini-css-extract-plugin  npm WARN deprecated browserslist@2.11.3: Browserslist 2 could fail on reading Browserslist >3.0 config used in other tools.  npm WARN deprecated bfj-node4@5.3.1: Switch to the `bfj` package for fixes and new features!  npm WARN deprecated json3@3.3.2: Please use the native JSON object instead of JSON 3  npm WARN deprecated flatten@1.0.2: I wrote this module a very long time ago; you should use something else.  npm WARN deprecated browserslist@1.7.7: Browserslist 2 could fail on reading Browserslist >3.0 config used in other tools.  npm WARN deprecated circular-json@0.3.3: CircularJSON is in maintenance only, flatted is its successor.  npm WARN deprecated socks@1.1.10: If using 2.x branch, please upgrade to at least 2.1.6 to avoid a serious bug with socket data flow and an import issue introduced in 2.1.0  npm WARN deprecated left-pad@1.3.0: use String.prototype.padStart()  > chromedriver@2.46.0 install D:\skillmap\vue\todolist\node\_modules\chromedriver  > node install.js  Current existing ChromeDriver binary is unavailable, proceding with download and extraction.  Downloading from file: https://chromedriver.storage.googleapis.com/2.46/chromedriver\_win32.zip  Saving to file: C:\Users\SUNNAN~1.FNS\AppData\Local\Temp\2.46\chromedriver\chromedriver\_win32.zip  ChromeDriver installation failed Error with http(s) request: Error: getaddrinfo ENOTFOUND chromedriver.storage.googleapis.com  npm WARN rollback Rolling back node-pre-gyp@0.12.0 failed (this is probably harmless): EPERM: operation not permitted, rmdir 'D:\skillmap\vue\todolist\node\_modules\fsevents\node\_modules'  npm WARN ajv-keywords@2.1.1 requires a peer of ajv@^5.0.0 but none is installed. You must install peer dependencies yourself.  npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.9 (node\_modules\fsevents):  npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.9: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})  npm ERR! code ELIFECYCLE  npm ERR! errno 1  npm ERR! chromedriver@2.46.0 install: `node install.js`  npm ERR! Exit status 1  npm ERR!  npm ERR! Failed at the chromedriver@2.46.0 install script.  npm ERR! This is probably not a problem with npm. There is likely additional logging output above.  npm ERR! A complete log of this run can be found in:  npm ERR! C:\Users\XXXX\AppData\Roaming\npm-cache\\_logs\2019-09-10T01\_09\_22\_219Z-debug.log  Running eslint --fix to comply with chosen preset rules...  # ========================  > todolist@1.0.0 lint D:\skillmap\vue\todolist  > eslint --ext .js,.vue src test/unit test/e2e/specs "--fix"  # Project initialization finished!  # ========================  To get started:  cd todolist  npm run dev  Documentation can be found at https://vuejs-templates.github.io/webpack  D:\skillmap\vue>cd todolist  D:\skillmap\vue\todolist>npm run dev  > todolist@1.0.0 dev D:\skillmap\vue\todolist  > webpack-dev-server --inline --progress --config build/webpack.dev.conf.js  13% building modules 25/31 modules 6 active ...!D:\skillmap\vue\todolist\src\App.vue{ parser: "babylon" } is deprecated; we now treat it as { parser: "bab 95% emitting  DONE Compiled successfully in 7880ms 9:10:05  I Your application is running here: http://localhost:8080 |

看到<http://localhost:8080> 成功！！



代码解析说明

1. 挂载点

new Vue({

el: '#app', //vue实例与id=app的DOM元素绑定，因此id=app的DOM元素被称为挂载点

router,

components: { App },

template: '<App/>'

})

1. 单文件组件：一个.vue文件中包含了一个组件全部的内容（模板，逻辑，样式）

<template>

</template>

<script>

export default{

}

</script>

<style>

</style>

1. 插值表达式{{}}
2. 面向数据编程，数据驱动的，即数据变化自动更新页面
3. 绑定属性（v-bind或者简写为：）

双向数据绑定（v-model）

事件定义（on:click 或者简写为 @click）

组件化编码

1. 父组件引入子组件import todoItem from './components/todoItem';
2. components: {

"todo-item": todoItem

},

以上代码对局部组件进行声明，使用todo-item标签的形式使用todoItem子组件

1. 父子组件数据传值

父->子： 属性传值

1）<todo-item

v-for="(item, index) of list"

:content="item"

:index="index"

@delete="DeleteHandle"

>

2）子组件接收父组件的传值

export default {

props: ['content', 'index']

}

子->父： 属性传值

1. this.$emit('delete', this.index);对外发布一个delete方法，并传参数index
2. 父组件订阅delete方法

<todo-item

v-for="(item, index) of list"

:content="item"

:index="index"

@delete="DeleteHandle"

>

语法糖继续

1. 条件判断（v-if v-else-if v-else）

根据todos的条数显示不同提示语

<div class="label label-primary" v-if="count>0">你有{{count}}个todo</div>

<div class="label label-primary" v-else-if="count==0">添加todo项</div>

<div class="label label-primary" v-else>no todos</div>

1. 条件显示/隐藏（v-show）

预加的todo项已经在todo列表，显示。。。已被加到列表

<div class="label label-primary" v-show="repeated">{{inputValue}}已被加入到todo列表</div>

1. vue-router

思路：

1. main文件中

<ol class="breadcrumb">

<li class="active"><router-link to='/home'>HOME</router-link></li>

<li><router-link to='/todo'>TODO</router-link></li>

</ol>

1. router js文件中

import home from '../views/home'

import todo from '../views/todos'

Vue.use(Router)

export default new Router({

routes: [

{

path:'/',

redirect:'home'

},

{

path: '/home',

component: home

},{

path: '/todo',

component: todo

}

]

})

1. vue-cli引入bootstrap

npm install jquery –save

npm install bootstrap –save

npm install popper.js –save

webpack.base.config.js最后添加

plugins: [

new webpack.ProvidePlugin({

$: "jquery",

jQuery: "jquery"

})

]

主文件在文件头加入文件引入代码

import $ from 'jquery'

import 'bootstrap/dist/css/bootstrap.min.css'

import 'bootstrap/dist/js/bootstrap.min'