

一、软、硬件环境

Windows10/Windows7, jdk1.8, MySQL5.7, Navicat premium 15, node.js, vue,

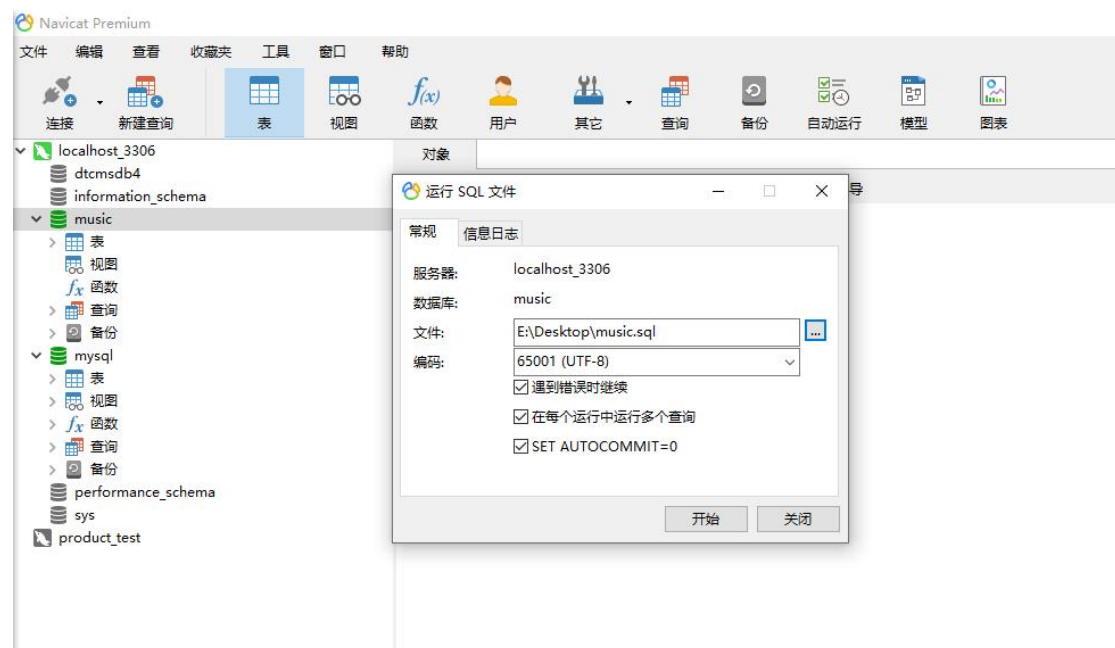
二、安装步骤

1. 前期准备

项目所需软件均可在网站上免费下载。在网站上下载所需软件安装包后，根据安装步骤安装软件。在 Windows 系统上下载 jdk1.8、node.js、MySQL5.7，Navicat premium 15 等软件。

1.1 系统环境配置

- 1、下载 JDK1.8 版本，安装 node.js 和 mysql，配置系统环境变量。
- 2、下载 Navicat Premium 并进行配置(由于每台电脑的配置和硬件不同,此步骤按需要进行)。
- 3、Navicat Premium 安装好后，创建本地连接用户名为 root，密码为 123456，创建数据库，命名为 music，然后右击 music，点击运行 SQL 文件，选择 music.sql 文件执行。执行完成后刷新即可。



1.2 安装前端脚手架

安装完 node.js 后，打开命令提示符，或按 win+R 键，输入 cmd 然后按回车，依次执行以下命令：

```
npm install vue -g
```

```
npm install vue-cli
```

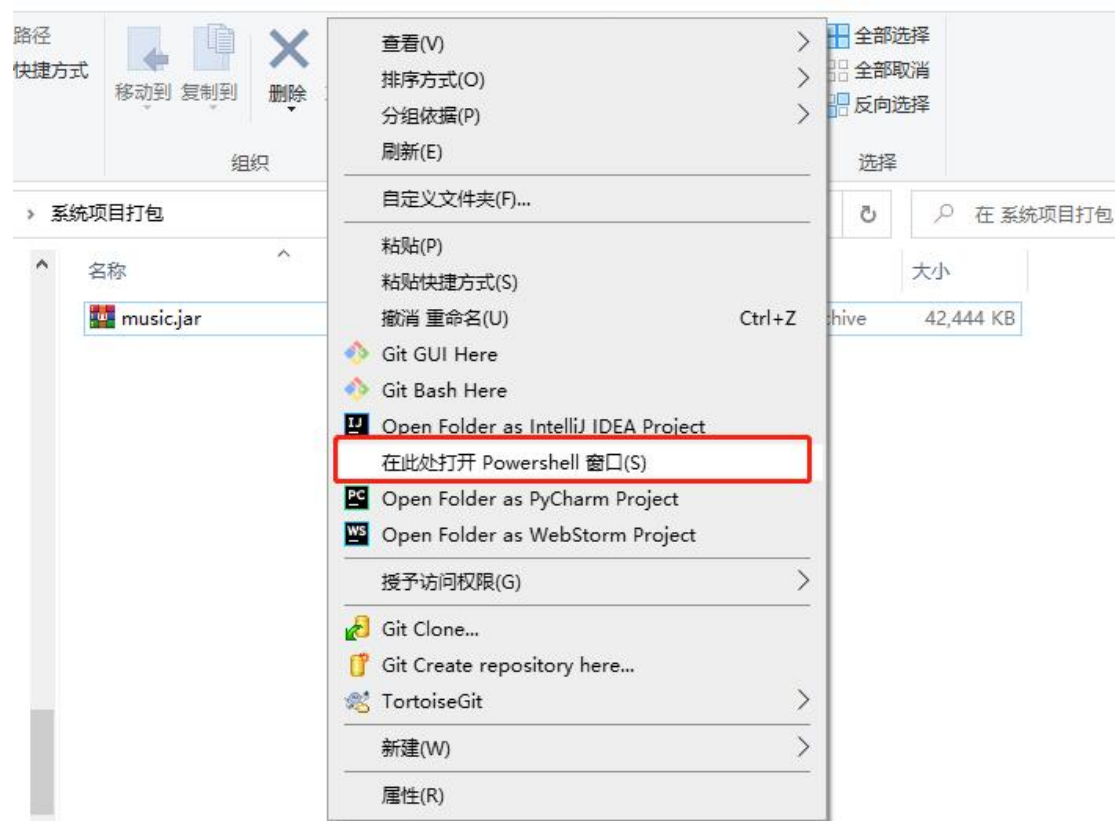
```
npm install webpack -g
```

```
npm install --g vue-cli
```

2. 项目运行

2.1 启动后端项目

在项目打包文件夹下按住 shift 右键空白处，点击在此处打开 Powershell 窗口，然后输入命令：java -jar music.jar



```
Windows PowerShell
PS E:\Desktop\归档材料\系统项目打包> java -jar music.jar

=====
:: Spring Boot ::      (v2.3.3.RELEASE)

2022-05-19 16:27:07.201 INFO 14244 --- [main] com.zky.music.MusicApplication : Starting MusicApplication v0.0.1-SNAPSHOT on yuan with PID 14244 (E:\Desktop\归档材料\系统项目打包\music.jar started by yuan in E:\Desktop\归档材料\系统项目打包)
2022-05-19 16:27:07.205 INFO 14244 --- [main] com.zky.music.MusicApplication : No active profile set, falling back to default profiles: default
2022-05-19 16:27:11.065 INFO 14244 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8888 (http)
2022-05-19 16:27:11.085 INFO 14244 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-05-19 16:27:11.085 INFO 14244 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.37]
2022-05-19 16:27:11.244 INFO 14244 --- [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2022-05-19 16:27:11.245 INFO 14244 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 3898 ms
2022-05-19 16:27:12.720 INFO 14244 --- [main] pertySourcedRequestMappingHandlerMapping : Mapped URL path [/v2/api-docs] onto method [springfox.documentation.swagger2.web.Swagger2ControllerWebMvc#getDocumentation(String, HttpServletRequest)]
2022-05-19 16:27:12.948 INFO 14244 --- [main] o.s.s.concurrent.ThreadPoolTaskExecutor : Initializing ExecutorService 'applicationTaskExecutor'
2022-05-19 16:27:13.010 INFO 14244 --- [main] o.s.b.a.w.s.WelcomePageHandlerMapping : Adding welcome page to class path resource [static/index.html]
2022-05-19 16:27:13.241 INFO 14244 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8888 (http) with context path ''
2022-05-19 16:27:13.242 INFO 14244 --- [main] d.s.w.p.DocumentationPluginsBootstrapper : Documentation plugins bootstrapped
2022-05-19 16:27:13.246 INFO 14244 --- [main] d.s.w.p.DocumentationPluginsBootstrapper : Found 1 custom documentation plugin(s)
2022-05-19 16:27:13.404 INFO 14244 --- [main] s.d.s.w.s.ApiListingReferenceScanner : Scanning for api listing references
2022-05-19 16:27:13.620 INFO 14244 --- [main] .d.s.w.r.o.CachingOperationNameGenerator : Generating unique operation named: selectByPrimaryKeyUsingGET_1
2022-05-19 16:27:13.647 INFO 14244 --- [main] .d.s.w.r.o.CachingOperationNameGenerator : Generating unique operation named: selectByPrimaryKeyUsingGET_1
```

2.2 启动前端项目

在 music-client 文件夹下按住 shift 右键空白处，点击在此处打开 Powershell 窗口，然后输入命令：npm install。并且在 music-manage 文件夹下按住 shift 右键空白处，点击在此处打开 Powershell 窗口，然后输入命令：npm install。此处安装需要等待一段时间。

```
npm
PS E:\Desktop\归档材料\系统项目打包\music-manage> npm install
[.....] / extract:cliui: sill no local data for cssnano@3.10.0. Extracting by manifest.

npm
PS E:\Desktop\归档材料\系统项目打包\music-client> npm install
[.....] | preinstall:music: info music@1.0.0~preinstall: music@1.0.0
```

安装成功后在两个命名界面输入命令 npm run dev 进行启动项目。

```
选择 npm
PS E:\Desktop\归档材料\系统项目打包\music-manage> npm run dev

> music-manage@1.0.0 dev E:\Desktop\归档材料\系统项目打包\music-manage
> webpack-dev-server --inline --progress --config build/webpack.dev.conf.js

10% build 10% 10% 12% build 12% 18% building modules 74/81 modules 7 active ... \归档材料\系统项目打包\music-manage\src
18% 20% build 20% 21% build 21% building modules 92/101 modules 9 active ... 项目打包\music-manage\src\pages\Login.v
21% building modules 92/109 modules 17 active ... sic-manage\src\pages\SongListPage.vue (parser: "babel") is deprec
ated; we now treat it as { parser: "babel" }.
22% 22% build 25% 25% b 25 2 33% building modules 198/224 modules 26 active ... 料\系统项目打包\music-manage\src\api\h
95% emitting

DONE Compiled successfully in 15053ms 16:53:00

Your application is running here: http://localhost:8080
```

```
npm
added 2015 packages from 1146 contributors in 341.052s
PS E:\Desktop\归档材料\系统项目打包\music-client> npm run dev

> music@1.0.0 dev E:\Desktop\归档材料\系统项目打包\music-client
> webpack-dev-server --inline --progress --config build/webpack.dev.conf.js

10% build 10% 10% 12% 12% b 12% building modules 19/24 modules 5 active ... 系统项目打包\music-client\src\store\song.
12% build 12% build 12% build 14% building modules 34/38 modules 4 active ... lient\node_modules\ansi-html\index.js(node
:16084) DeprecationWarning: loaderUtils.parseQuery() received a non-string value which can be problematic, see https://g
ithub.com/webpack/loader-utils/issues/56
parseQuery() will be replaced with getOptions() in the next major version of loader-utils.
1 14 14 14% 1 1 14% building modules 37/92 modules 55 active ... \归档材料\系统项目打包\music-client\src\App.vu
14% build 14% building modules 39/95 modules 56 active ... \归档材料\系统项目打包\music-client\src\App.vue ( parser: "bab
ylon") is deprecated; we now treat it as { parser: "babel" }.
16% build 16% build 16% build 16% building modules 58/96 modules 38 active ... \归档材料\系统项目打包\music-client\src\A
17% build 17% build 17% build 17% building modules 62/96 modules 34 active ... \归档材料\系统项目打包\music-client\src\A
17% build 17% build 17% build 17% building modules 66/96 modules 30 active ... \归档材料\系统项目打包\music-client\src\A
18% build 18% build 18% build 18% building modules 70/96 modules 26 active ... \归档材料\系统项目打包\music-client\src\A
18% build 18% build 18% build 18% building modules 74/96 modules 22 active ... \归档材料\系统项目打包\music-client\src\A
19% build 19% build 19% build 19% building modules 78/96 modules 18 active ... \归档材料\系统项目打包\music-client\src\A
19% build 19% build 19% build 19% building modules 82/96 modules 14 active ... \归档材料\系统项目打包\music-client\src\A
19% build 20% build 20% build 20% building modules 86/96 modules 10 active ... \归档材料\系统项目打包\music-client\src\A
20% build 20% build 20 20 20 20 21% building modules 92/101 modules 9 active ... 目打包\music-client\src\pages\Singer.vu
21 2 2 2 2 2 21 2 21 2 21% building modules 99/113 modules 14 active ... 目打包\music-client\src\pages\Search.v
22 22 22% 22 22% 22% 22% 22% 22% building modules 104/117 modules 13 active ... 项目打包\music-client\src\pages\lyric.vu
22 22% 22 22 22 22 22 2 22 2 22% building modules 108/125 modules 17 active ... 打包\music-client\src\pages\LoginIn.vu
2 2 23% 2 23% 23% 23% 23% 23% building modules 113/129 modules 16 active ... 统项目打包\music-client\src\pages\Home
23% 2 2 2 2 25% b 34% 34% building modules 207/243 modules 36 active ... 料\系统项目打包\music-client\src\api\http.
4 43% buil 95% emitting

DONE Compiled successfully in 17593ms 16:59:05

Your application is running here: http://localhost:8081
```

启动完成后，打开浏览器输入 localhost:8081 即可访问前台页面，输入 localhost:8080 即可访问后台界面。项目运行完成。