number headings: auto, first-level 1, max 6, 1.1.
title: jeecgboot集成jeecg-boot-activiti
share: **true**
description:
category: 笔记
daily: **false**
createtime: 2022-03-24 10:04
keywords: [ ]

目录

1. 目标

集成 `activiti 5.22.0` 到 `Jeecg Boot 2.4.2`, activiti 来源
https://github.com/happy-panda/jeecg-boot-activiti
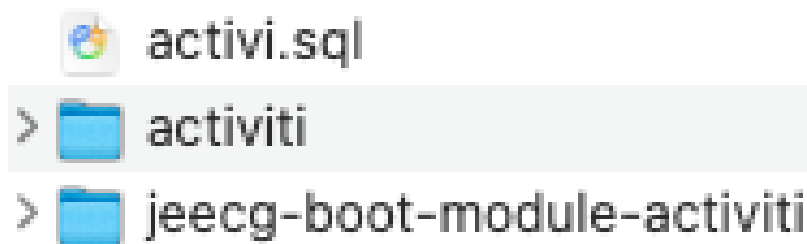
2. 适用范围

jeecg-boot版本: 2.4.2

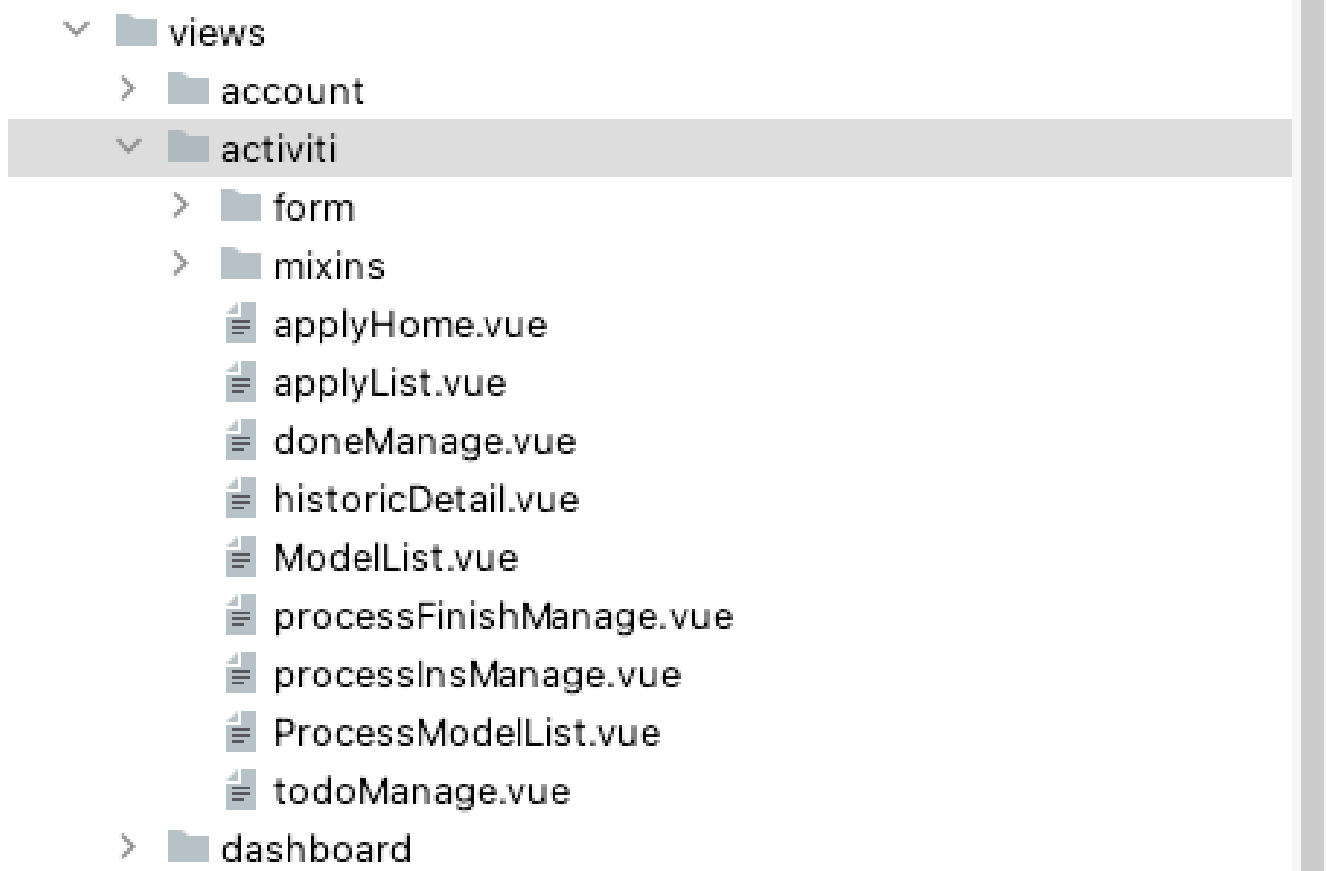## 3. 集成工具

navicat版本: 15.0.28

4. 集成所需文件

5. 前置条件

集成之前, 请先安装好 `jeecg-boot 2.4.2`, 并保证其正常运行

6. 前端集成

将目录 `activiti` 拷贝到 `jeecg-boot-2.4.2/ant-design-vue-jeecg/src/views/` 下, 如图

在前端 `main.js` 文件中, 添加如下代码

```
import { getAction,postFormAction ,postAction} from "@/api/manage"
Vue.prototype.postFormAction = postFormAction;
Vue.prototype.postDataAction = postAction;
Vue.prototype.getAction = getAction;
```

添加后的效果

```
58    Vue.use(Print)
59    Vue.use(preview)
60    Vue.use(vueBus);
61    Vue.use(JeecgComponents);
62    Vue.use(VueAreaLinkage);
63    //edit by sunwu
64    // 挂载全局使用的方法
65    import { getAction,postFormAction ,postAction} from "@/api/manage"
66    Vue.prototype.postFormAction = postFormAction;
67    Vue.prototype.postDataAction = postAction;
68    Vue.prototype.getAction = getAction;
69    //edit by sunwu
70
71
72    SSO.init(() => {
73      main()
74    })
75    function main() {
76      new Vue({
77        router,
78        store,
79        mounted () {
80          store.commit( type: 'SET_SIDEBAR_TYPE', Vue.ls.get(SIDEBAR_TYPE, true))
81          store.commit( type: 'TOGGLE_THEME', Vue.ls.get(DEFAULT_THEME, config.navTheme))
82          store.commit( type: 'TOGGLE_LAYOUT_MODE', Vue.ls.get(DEFAULT_LAYOUT_MODE, config.layout))
83          store.commit( type: 'TOGGLE_FIXED_HEADER', Vue.ls.get(DEFAULT_FIXED_HEADER, config.fixedHeader))
84          store.commit( type: 'TOGGLE_FIXED_SIDERBAR', Vue.ls.get(DEFAULT_FIXED_SIDEMENU, config.fixSiderbar))
85          store.commit( type: 'TOGGLE_CONTENT_WIDTH', Vue.ls.get(DEFAULT_CONTENT_WIDTH_TYPE, config.contentWid
86          store.commit( type: 'TOGGLE_FIXED_HEADER_HIDDEN', Vue.ls.get(DEFAULT_FIXED_HEADER_HIDDEN, config.aut
87          store.commit( type: 'TOGGLE_WEAK', Vue.ls.get(DEFAULT_COLOR_WEAK, config.colorWeak))
88          store.commit( type: 'TOGGLE_COLOR', Vue.ls.get(DEFAULT_COLOR, config.primaryColor))
89          store.commit( type: 'SET_TOKEN', Vue.ls.get(ACCESS_TOKEN))
90          store.commit( type: 'SET_MULTI_PAGE',Vue.ls.get(DEFAULT_MULTI_PAGE,config.multipage))
91        },
```
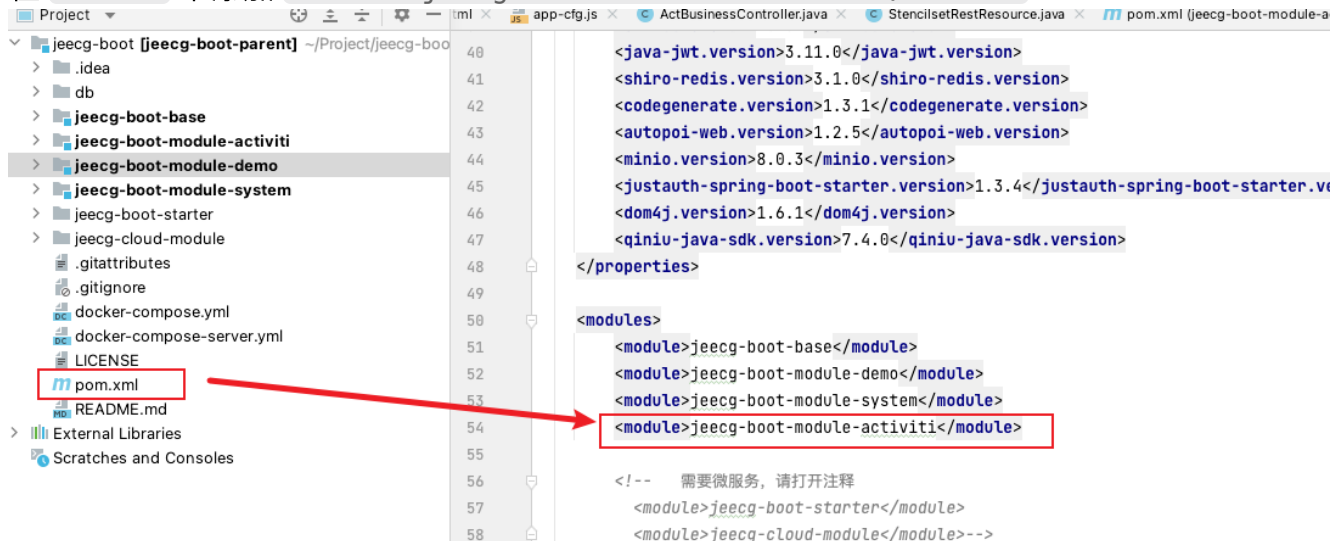
前端到此集成完成

7. 后端集成

7.1. 复制目录文件

将目录 `jeecg-boot-module-activiti` 拷贝后端根目录下, 如图
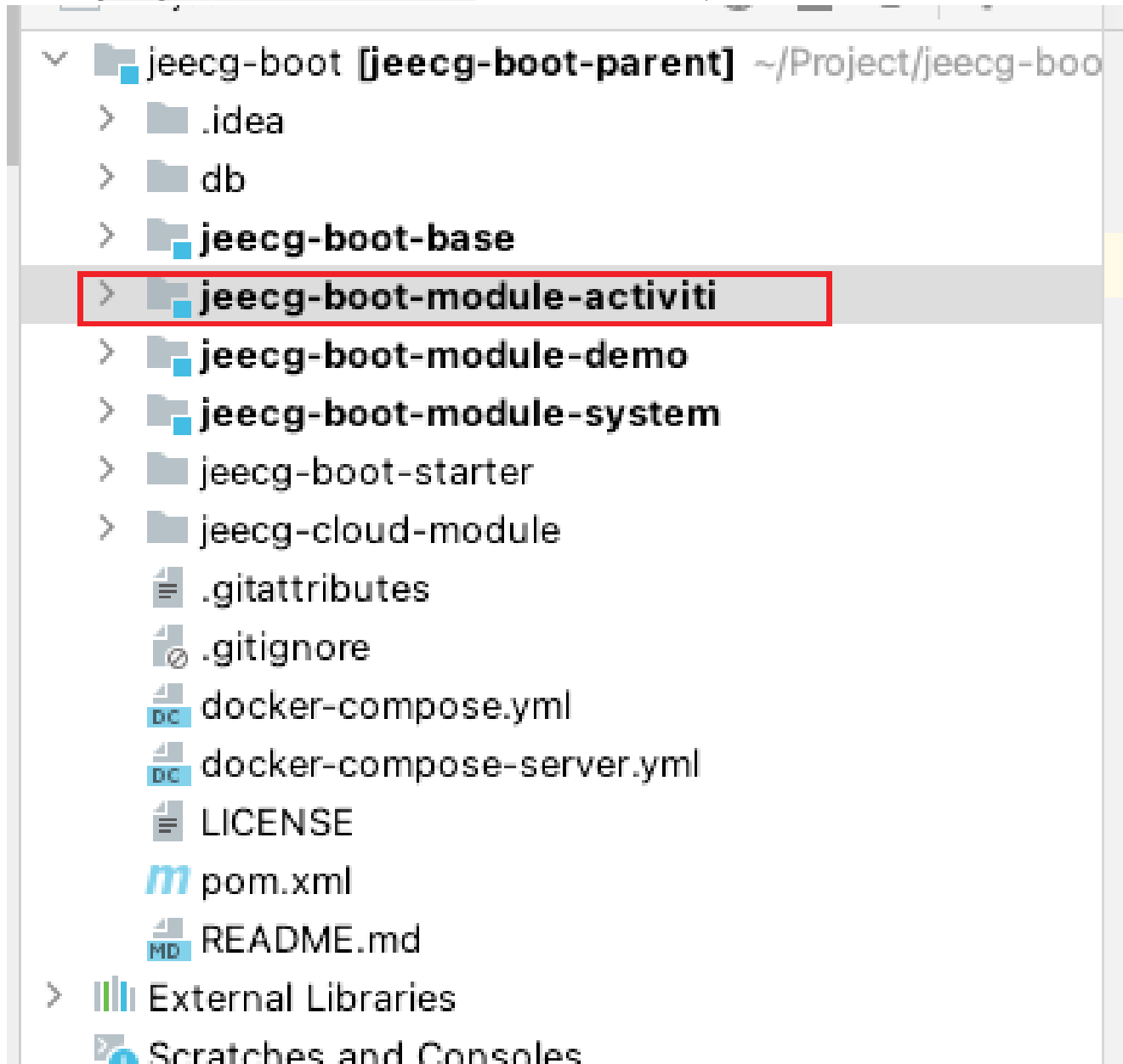
7.2. 根目录 pom.xml 添加模块依赖

在 `modules` 下添加 `<module>jeecg-boot-module-activiti</module>`

7.3. system 添加依赖
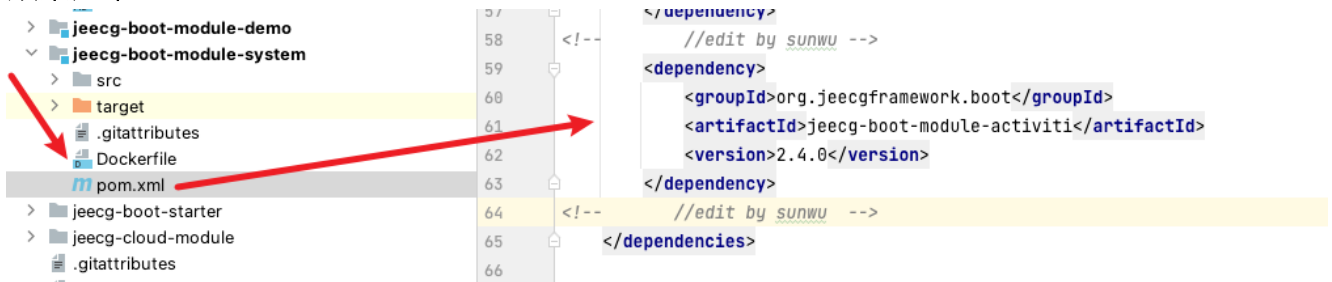
在 `jeecg-boot-module-system/pom.xml` 中添加

```xml
<dependency>
        <groupId>org.jeecgframework.boot</groupId>
        <artifactId>jeecg-boot-module-activiti</artifactId>
        <version>2.4.0</version>
</dependency>
```

效果如下

7.4. 启动配置

```java
@SpringBootApplication(exclude =
{org.springframework.boot.autoconfigure.security.servlet.SecurityAutoC
onfiguration.class,

org.springframework.boot.actuate.autoconfigure.security.servlet.Manage
mentWebSecurityAutoConfiguration.class
,org.activiti.spring.boot.SecurityAutoConfiguration.class
})
```

7.5. 绕过 Shiro

在 `jeecg-boot-base/jeecg-boot-base-core/src/main/java/org/jeecg/config/shiro/ShiroConfig.java` 中条件如下代码

```java
//activiti
filterChainDefinitionMap.put("/activiti/**", "anon");
filterChainDefinitionMap.put("/diagram-viewer/**", "anon");
filterChainDefinitionMap.put("/editor-app/**", "anon");
filterChainDefinitionMap.put("/jeecg-boot/activiti/**", "anon");
filterChainDefinitionMap.put("/jeecg-boot/diagram-viewer/**", "anon");
filterChainDefinitionMap.put("/jeecg-boot/editor-app/**", "anon");
```

效果

7.6. 添加 activiti 数据库

Navicat 执行 `activi.sql`，成功后如下
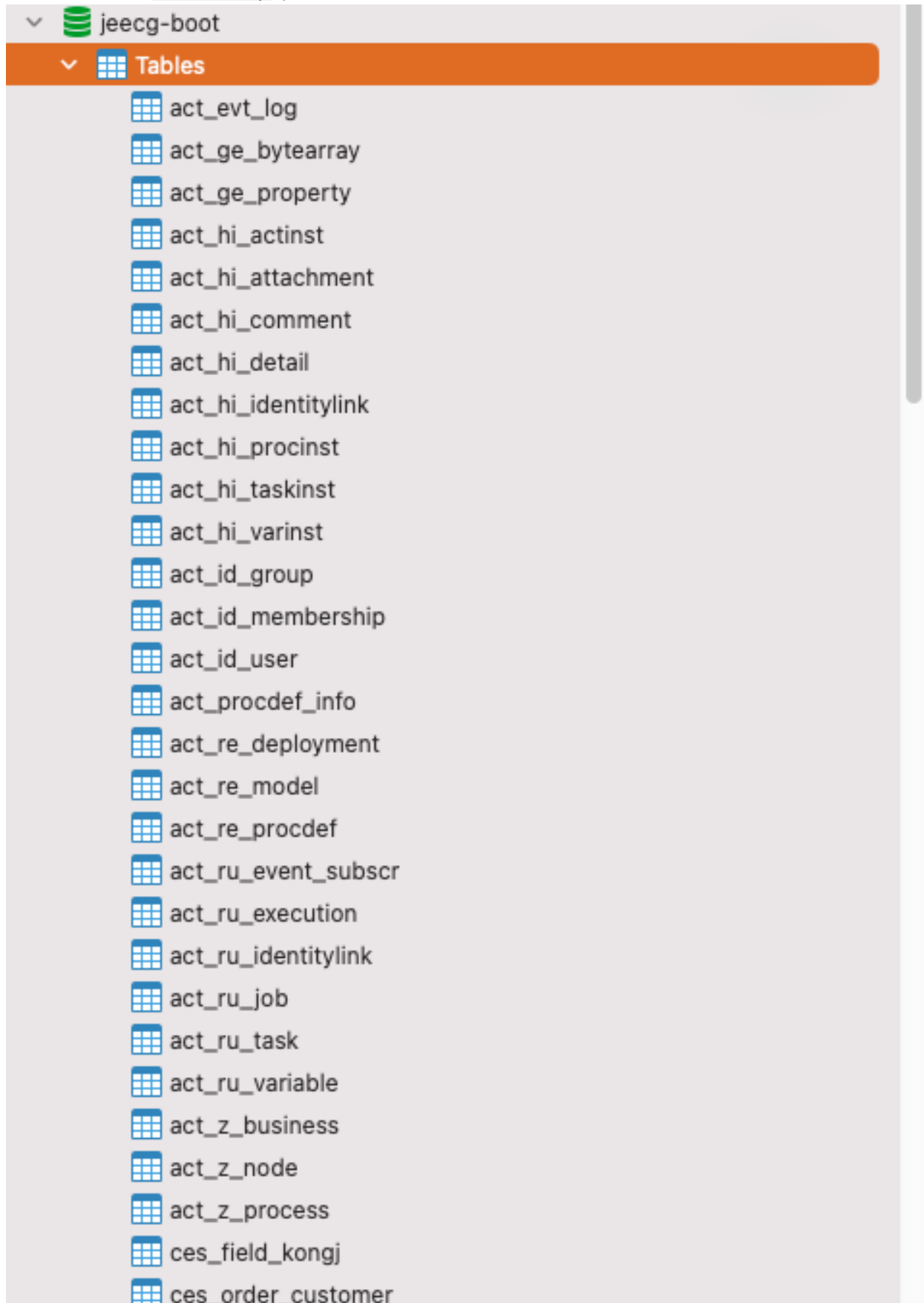
7.7. 添加菜单

```
/*菜单  添加完菜单后需配置菜单权限*/
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
```

```sql
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
VALUES ('1238331160370012162', null, '工作流', '/activiti',
'layouts/RouteView', null, null, 0, null, '1', 1.1, 0, 'cluster', 1,
0, 0, 0, null, 'admin', '2020-03-13 13:08:50', null, null, 0, 0, '1',
0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
 VALUES ('1238331682929958913', '1238331160370012162', '流程模型',
'/activiti/ModelList', 'activiti/ModelList', null, null, 1, null, '1',
2, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-13 13:10:55', null,
null, 0, 0, '1', 0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
 VALUES ('1238331682929958914', '1238331160370012162', '已发布模型',
'/activiti/ProcessModelList', 'activiti/ProcessModelList', null, null,
1, null, '1', 3, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-
13:10:55', null, null, 0, 0, '1', 0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
 VALUES ('1238331682929958915', '1238331160370012162', '我的申请',
'/activiti/applyList', 'activiti/applyList', null, null, 1, null, '1',
4, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-13 13:10:55', null,
null, 0, 0, '1', 0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
 VALUES ('1238331682929958916', '1238331160370012162', '我的待办',
'/activiti/todoManage', 'activiti/todoManage', null, null, 1, null,
'1', 5, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-13 13:10:55',
null, null, 0, 0, '1', 0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
 VALUES ('1238331682929958917', '1238331160370012162', '我的已办',
```

```
 '/activiti/doneManage', 'activiti/doneManage', null, null, 1, null,
 '1', 6, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-13 13:10:55',
 null, null, 0, 0, '1', 0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
 VALUES ('1238331682929958918', '1238331160370012162', '进行中的流程',
 '/activiti/processInsManage', 'activiti/processInsManage', null, null,
 1, null, '1', 7, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-13
 13:10:55', null, null, 0, 0, '1', 0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
 VALUES ('1238331682929958919', '1238331160370012162', '已结束流程',
 '/activiti/processFinishManage', 'activiti/processFinishManage', null,
 null, 1, null, '1', 8, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-
 13 13:10:55', null, null, 0, 0, '1', 0);
INSERT INTO sys_permission (id, parent_id, name, url, component,
component_name, redirect, menu_type, perms, perms_type, sort_no,
always_show, icon, is_route, is_leaf, keep_alive, hidden, description,
create_by, create_time, update_by, update_time, del_flag, rule_flag,
status, internal_or_external)
VALUES ('1238331682929958920', '1238331160370012162', '所有流程',
'/activiti/applyHome', 'activiti/applyHome', null, null, 1, null, '1',
1, 0, 'bars', 1, 1, 0, 0, null, 'admin', '2020-03-13 13:10:55', null,
null, 0, 0, '1', 0);
```

7.8. 菜单授权

授权之后即可看到菜单
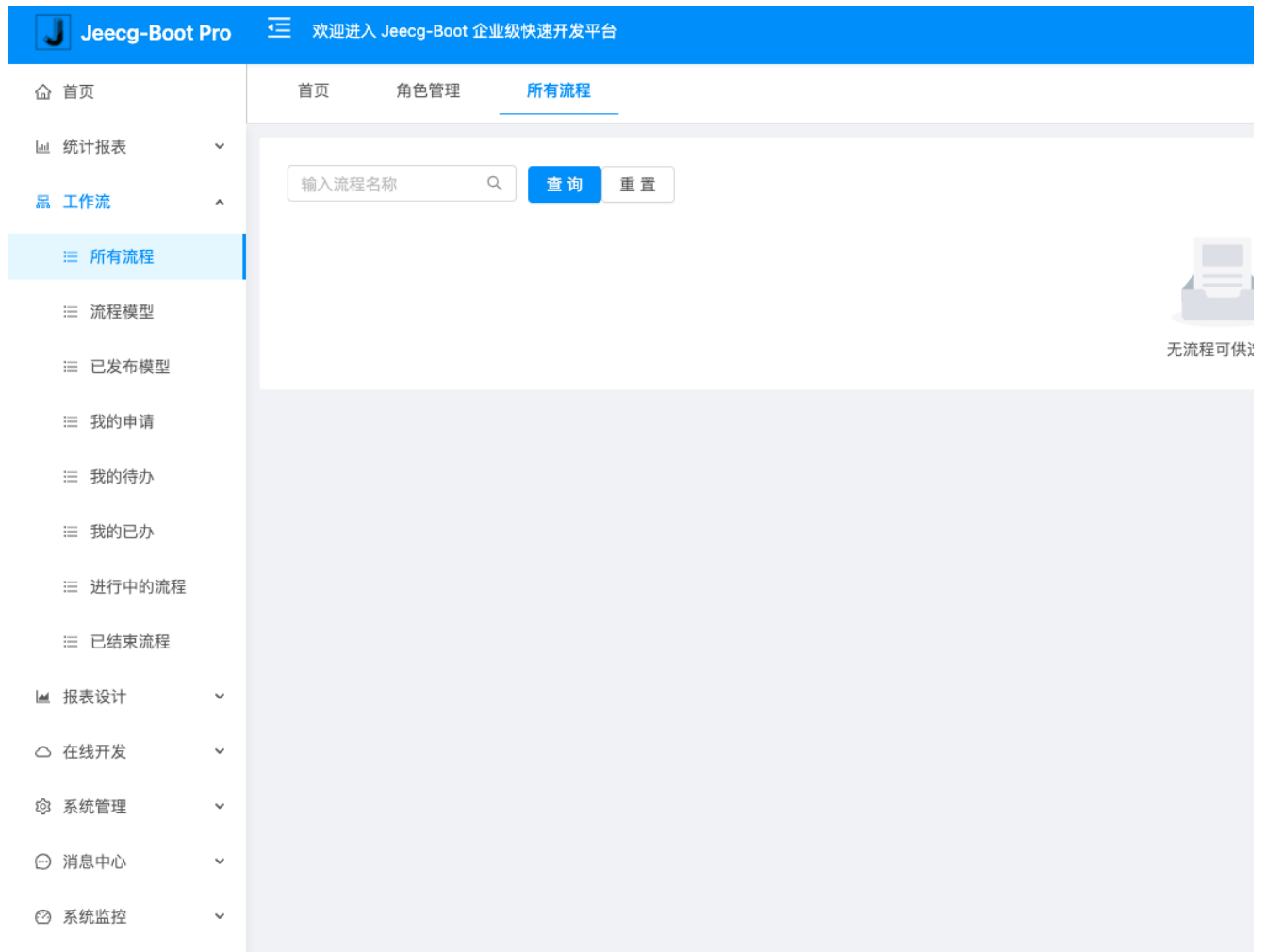
7.9. 运行效果

jeecg-boot-activiti成功演示.mp4

7.10. activiti 配置

app-cfg.js

```
ACTIVITI.CONFIG = {
        // 'contextRoot' : '/activiti-explorer/service',
        'contextRoot' : 'http://localhost:8080/jeecg-
    boot/activiti/activitiService',
};
```
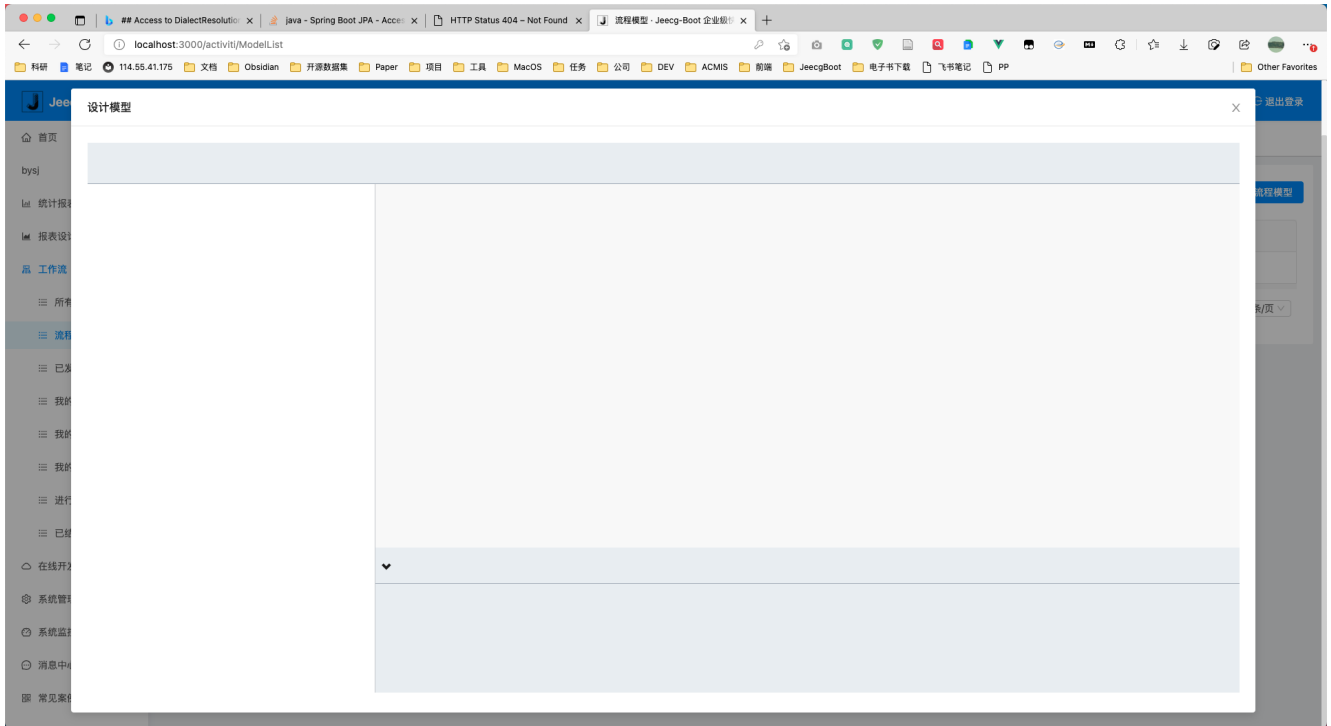
8. 报错

8.1. Access to DialectResolutionInfo cannot be null when 'hibernate.dialect' not set

不知道修改了哪里, 导致 hibernate 报错
Hibernate问题排查

```yaml
spring:
  jpa:
    open-in-view: false
    properties:
      hibernate:
        dialect: org.hibernate.dialect.PostgreSQLDialect
```

8.2. 工作流编辑界面异常

app-cfg.js

```javascript
ACTIVITI.CONFIG = {
    // 'contextRoot' : '/activiti-explorer/service',
    'contextRoot' : 'http://localhost:8080/jeecg-
boot/activiti/activitiService',
};
```

8.3. token为空

权限问题

ShiroConfig.java

```
filterChainDefinitionMap.put("/activiti/**", "anon");
filterChainDefinitionMap.put("/diagram-viewer/**", "anon");
filterChainDefinitionMap.put("/editor-app/**", "anon");
filterChainDefinitionMap.put("/jeecg-boot/activiti/**", "anon");
filterChainDefinitionMap.put("/jeecg-boot/diagram-viewer/**", "anon");
filterChainDefinitionMap.put("/jeecg-boot/editor-app/**", "anon");
```

9. 其他

[jeecgboot集成jeecg-boot-activiti调研](#)

10. 成功演示