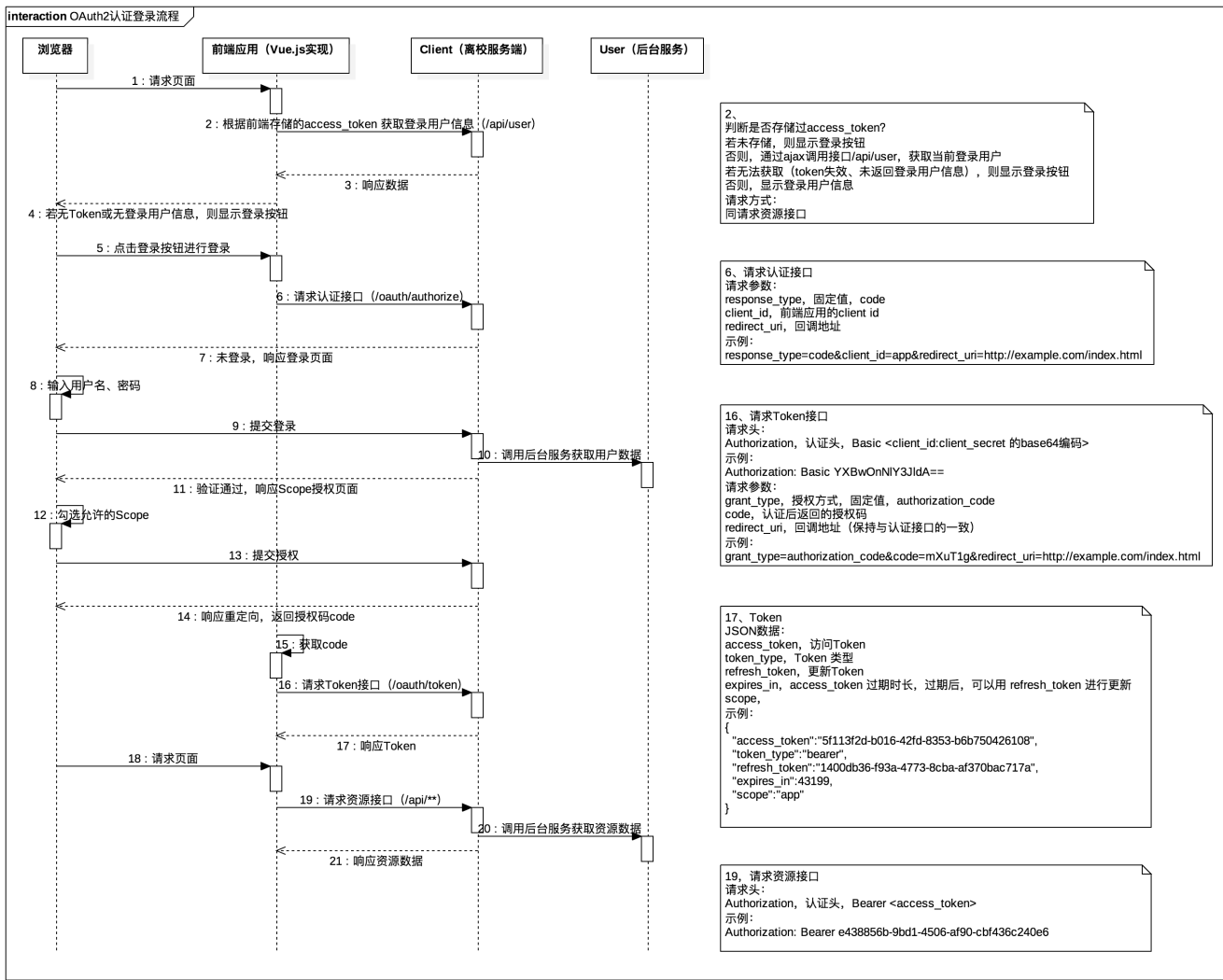


基于 OAuth2 认证的资源接口请求方式

流程图



项目配置

1、在 ClientApplication (项目启动类) 中, 添加注解 @EnableInfrasOAuth2

注, 不能同时存在 注解 @EnableInfrasApiSecurity

认证

1、浏览器请求

http://localhost:8080/oauth/authorize?response_type=code&client_id=app&re

direct_uri=http://example.com/index.html

显示登录页面，用户登录

OAuth2 Login page

Example user: admin / 111111

Username:

Password:

Log in

登录后显示 Scope 授权页面，用户选择 Approve，并授权即可

OAuth Approval

Do you authorize 'app' to access your protected resources?

• scope.app: ☒ Approve ☐ Deny

Authorize

返回 code

1、浏览器重定向

参考地址：

http://example.com/index.html?code=SX1AUm

根据 code 获取 access_token

curl 请求示例：curl 通过 Header 传递 client_id, client_secret

```
curl -i -s -X POST -H "Authorization: Basic YXBwOnNlY3JldA==" -d "grant_type=authorization_code&code= SX1AUm&redirect_uri=http://example.com/index.html" "http://localhost:8080/oauth/token"
```

注：

-H "Authorization: Basic YXBwOnNlY3JldA==" 为请求头参数

-d "grant_type=authorization_code&code= SX1AUm&redirect_uri=<http://example.com/index.html>" 为POST提交数据

响应结果：

```
{
  "access_token": "5f113f2d-b016-42fd-8353-b6b750426108",
  "token_type": "bearer",
  "refresh_token": "1400db36-f93a-4773-8cba-af370bac717a",
  "expires_in": 43199,
  "scope": "app"
}
```

根据 access_token 请求接口资源

curl 请求示例：curl 通过 Header 传递 access_token

```
curl -i -s -X GET -H "Authorization: Bearer 5f113f2d-b016-42fd-8353-b6b750426108" "http://localhost:8080/api/user"
```

注：

-H "Authorization: Bearer 5f113f2d-b016-42fd-8353-b6b750426108" 为请求头参数

响应结果：

```
{
  "username": "user",
  "password": null,
  "authorities": [{"authority": "ROLE_ADMIN"}, {"authority": "administrator"}]
```

```
,{"authority":"user"}],  
  "accountNonExpired":true,  
  "accountNonLocked":true,  
  "credentialsNonExpired":true,  
  "enabled":true  
}
```