

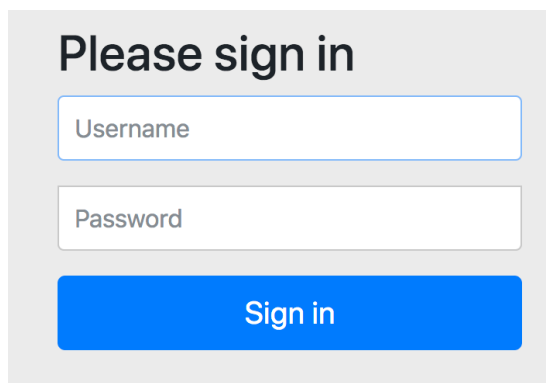
参考文章：https://blog.csdn.net/qq_27828675/article/details/82466599

一 进行授权页

浏览器输入http://localhost:8081/oauth/authorize?response_type=code&redirect_uri=http://localhost:8081/callback&client_id=android1&scop=all

二 使用资源站用户登陆

自动跨到资源登陆页，先登陆



Please sign in

Username

Password

Sign in

三 授权资源类型

登陆成功后，去授权你的资源，这些资源是在AuthorizationServerConfig.configure方法里配置的

@Override

public void configure(ClientDetailsServiceConfigurer clients) throws

Exception {

clients.inMemory()

.withClient(ClientID)

.secret(passwordEncoder.encode(ClientSecret))

.authorizedGrantTypes("authorization_code", "refresh_token",
"password", "implicit")

.scopes("read","write","del","userinfo")

.redirectUris(RedirectURLs);

}

OAuth Approval

Do you authorize "android1" to access your protected resources?

- scope.read: ☐ Approve ☒ Deny
- scope.write: ☐ Approve ☒ Deny
- scope.del: ☐ Approve ☒ Deny
- scope.userinfo: ☐ Approve ☒ Deny

Authorize

四 接到code

授权之后，系统会重定向到你的redirect_uri这个页面，并带上唯一的code

```
> this = {UserController@13289}
> code = "Guo3Xf"
> response = null
> restTemplate = {RestTemplate@13295}
> credentials = "javainuse:secret"
> encodedCredentials = "amF2YWludXNlOnNlY3JldA=="
> headers = {HttpHeaders@13298} size = 2
> request = {HttpEntity@13299} "<[Accept:"application/json", Authorization:"Basic amF2YWludXNlOnNlY3JldA==">"
> access_token_url = "http://localhost:8081/oauth/token?code=Guo3Xf&grant_type=authorization_code&redirect_uri=http://"
```

五 获取access_token

我们拿着code就要再去授权服务器去获取token了，你可以在你的代码里写这个，也可以手动拿着code，去拼成一个url，再去拿token，就像这下面的实例。

注意向oauth/token发的是post请求，client_id和client_secret如果在url上传递，如果在AuthorizationServerConfig类的configure方法中开启

allowFormAuthenticationForClients，代码如下

@Override

public void configure(AuthorizationServerSecurityConfigurer oauthServer) throws

Exception {

oauthServer.tokenKeyAccess("permitAll()")

.checkTokenAccess("isAuthenticated()")

.allowFormAuthenticationForClients();//支持把secret和clientid写在url上，否则需要在

头上

}

然后请求后给有下面的响应

Authorization Ccode-----RFRLFY

access_token_url http://localhost:8081/oauth/token?

client_id=android1&code=RFRLFY&grant_type=authorization_code&redirect_u

ri=http://localhost:8081/callback&client_secret=android1

Access Token Response -----{"access_token":"faadf3bf-6488-4036-bc3b-21b0a979602c","token_type":"bearer","refresh_token":"1b01f133-c5ab-419f-8125-088c85916ecb","expires_in":43187,"scope":"read"}

六 拿着**access_token**去请求具体的资源

可以在url地址上直接：http://localhost:8081/index?access_token=faadf3bf-6488-4036-bc3b-21b0a979602c