

Spring Security

Oauth2 + JWT

Course Agenda

- Initial Maven Project
 - How to build and run project and project structure
- Start With Basic Spring Security
- Implement Spring Security OAuth2
- OAuth2 Grant Type
 - Resource Owner password credentials
 - Client Credentials
 - Authorization code
 - Implicit
- Enhance OAuth2 with Jwt

Initial Maven Project

- Add first maven dependency

<http://projects.spring.io/spring-boot/>

Select version 1.3.5.Release

Start With Basic Spring Security

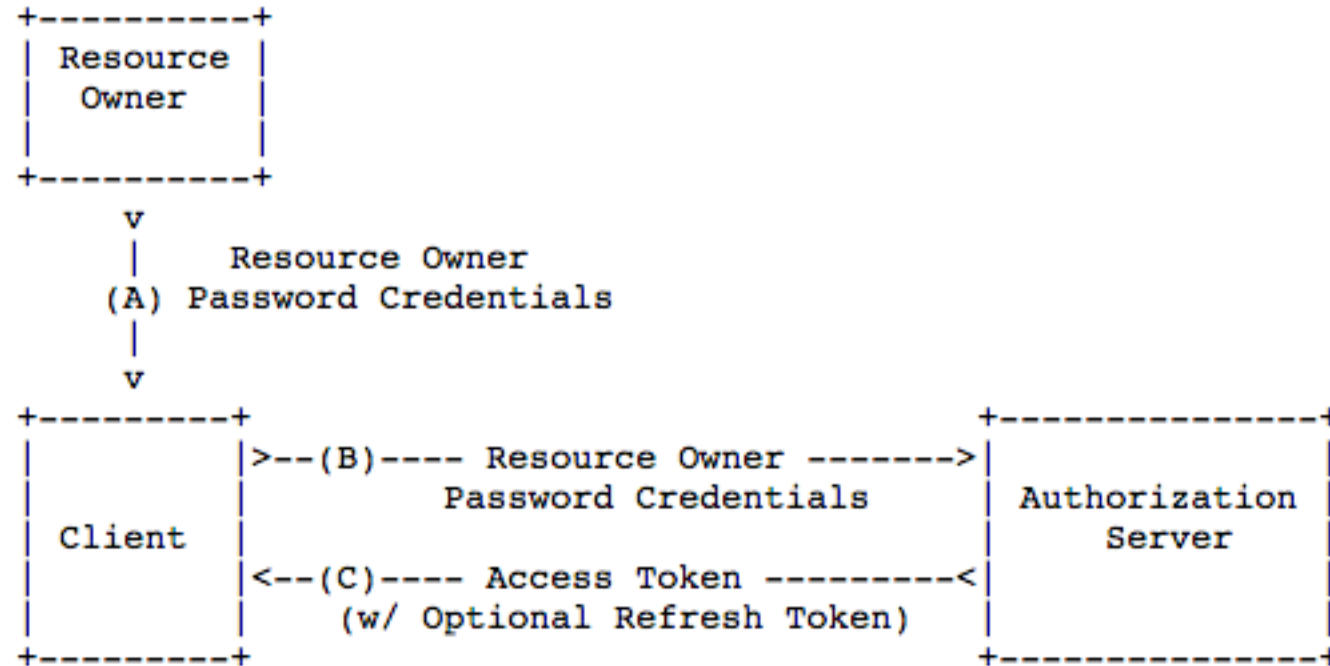
- Add spring-boot-starter-security dependency
- First config with WebSecurityConfig
 - Add inmemory User

Implement Spring Security OAuth2

- spring-security-oauth2 dependency
- ResourceServer
- AuthorizationServer

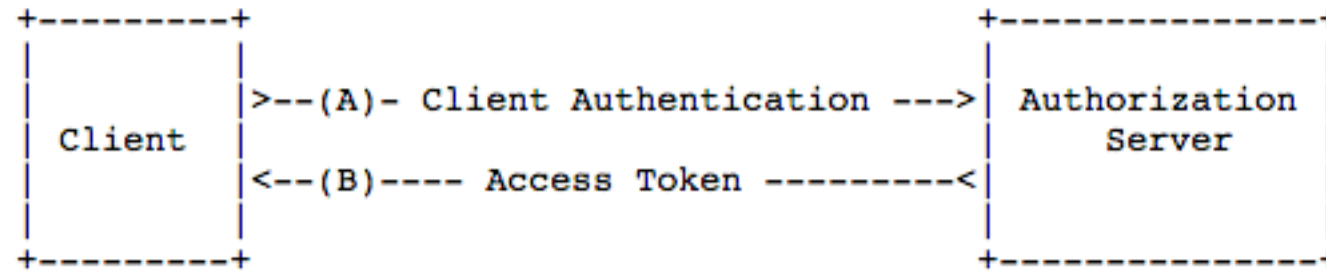
Oauth2 Grant Type

- Resource Owner password credentials



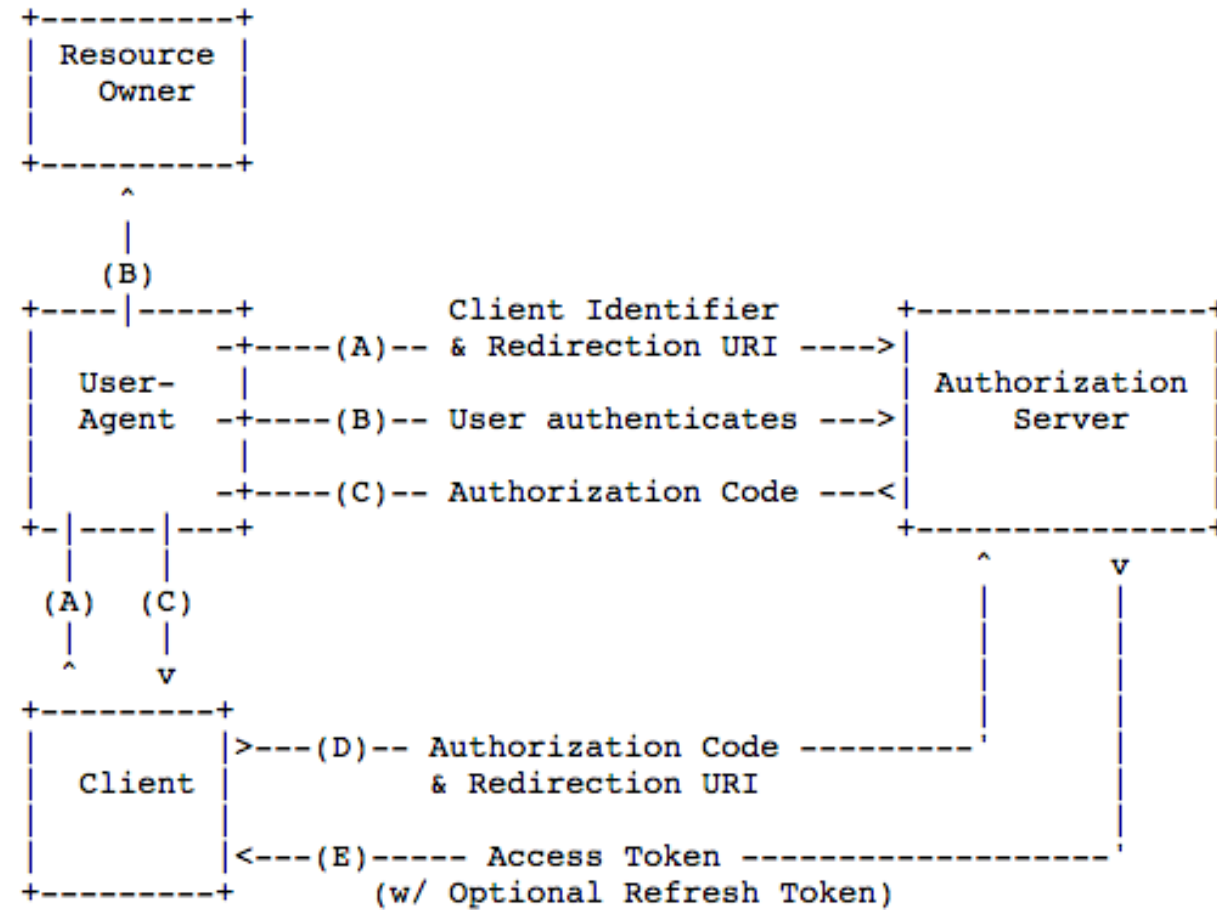
Oauth2 Grant Type

- Client Credentials



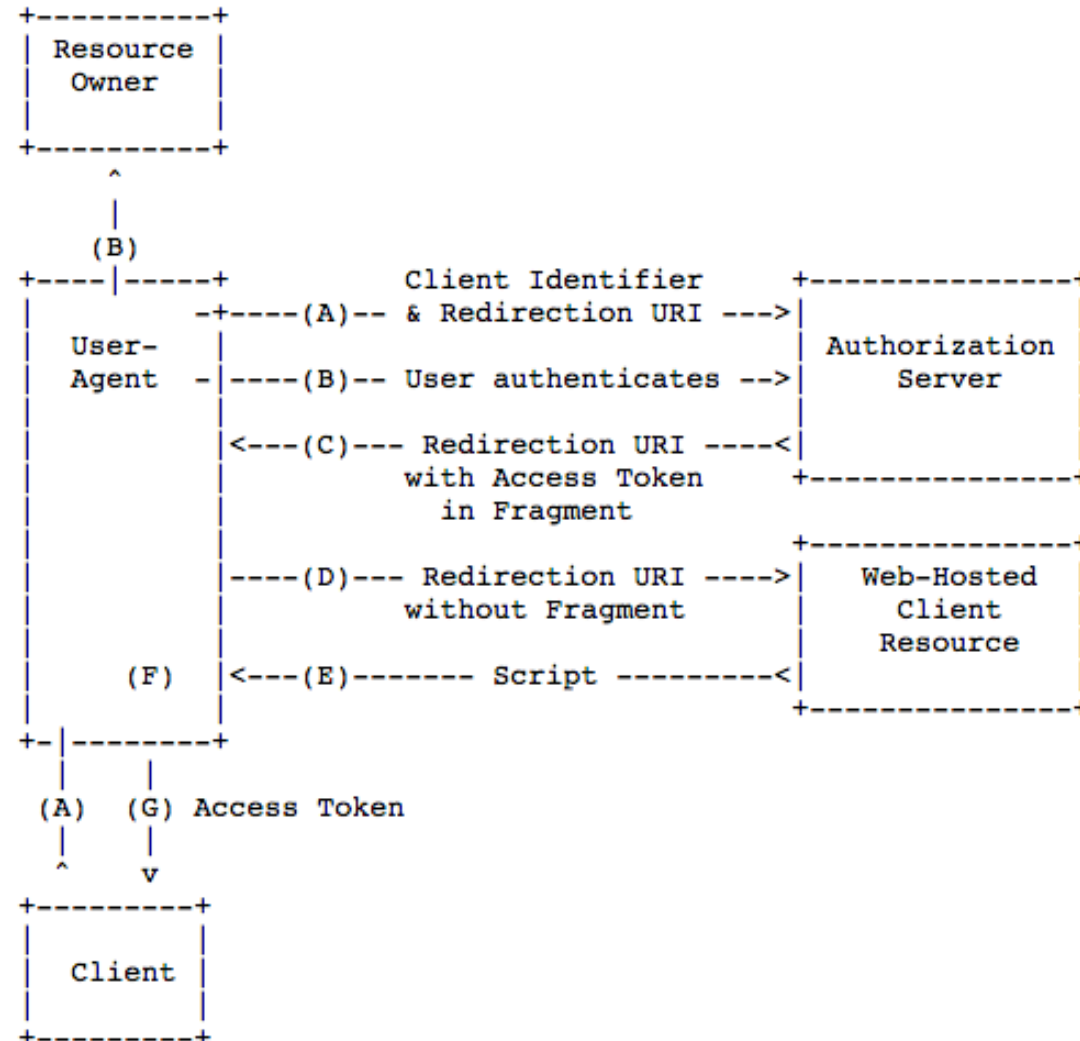
Oauth2 Grant Type

- Authorization code



Oauth2 Grant Type

- Implicit



Enhance Oauth2 with Jwt

- Add spring-security-jwt Dependency
- Implement AccessTokenConverter
- Improve Jwt Informations with enhance method

Q & A