

# Spring Boot + OAuth2 SSO + Facebook Social Login

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## pom.xml:-

```
<dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-security</artifactId>
</dependency>
<dependency>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-web</artifactId>
</dependency>
<dependency>
    <groupId>org.springframework.cloud</groupId>
    <artifactId>spring-cloud-starter-oauth2</artifactId>
</dependency>
```

## 1. application.yml:-

```
server:
  port: 9900
spring:
  application:
    name: spring-oauth2-app
security:
  oauth2:
    client:
      clientId: 88888888888888888888888888888888
      clientSecret: caaab5abbfd9bbee2ccc6ece16
      accessTokenUri: https://graph.facebook.com/oauth/access_token
      userAuthorizationUri: https://www.facebook.com/dialog/oauth
      tokenName: oauth_token
      authenticationScheme: query
      clientAuthenticationScheme: form
    resource:
      userInfoUri: https://graph.facebook.com/me
```

## **2. UserController:-**

```
package in.nit.controller;

import java.security.Principal;

import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RestController;

@RestController
public class UserController {

    @GetMapping("/home")
    public String homeData() {
        return "ALL MESSAGE";
    }

    @GetMapping("/show")
    public String getData() {
        return "Welcome";
    }

    @GetMapping("/user")
    public Principal showUser(Principal p) {
        System.out.println(p.getClass().getName());
        return p;
    }
}
```

## **3. SecurityConfig:-**

```
package in.nit.config;

import org.springframework.boot.autoconfigure.security.oauth2.client.EnableOAuth2Sso;
import org.springframework.context.annotation.Configuration;
import org.springframework.security.config.annotation.web.builders.HttpSecurity;
```

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```
import
org.springframework.security.config.annotation.web.configuration.WebSe
curityConfigurerAdapter;

@Configuration
@EnableOAuth2Sso
public class SecurityConfig extends WebSecurityConfigurerAdapter{

    @Override
    protected void configure(HttpSecurity http) throws Exception {
        http.authorizeRequests()
            .antMatchers("/", "/login", "/home")
            .permitAll()
            .anyRequest()
            .authenticated();
    }
}
```