

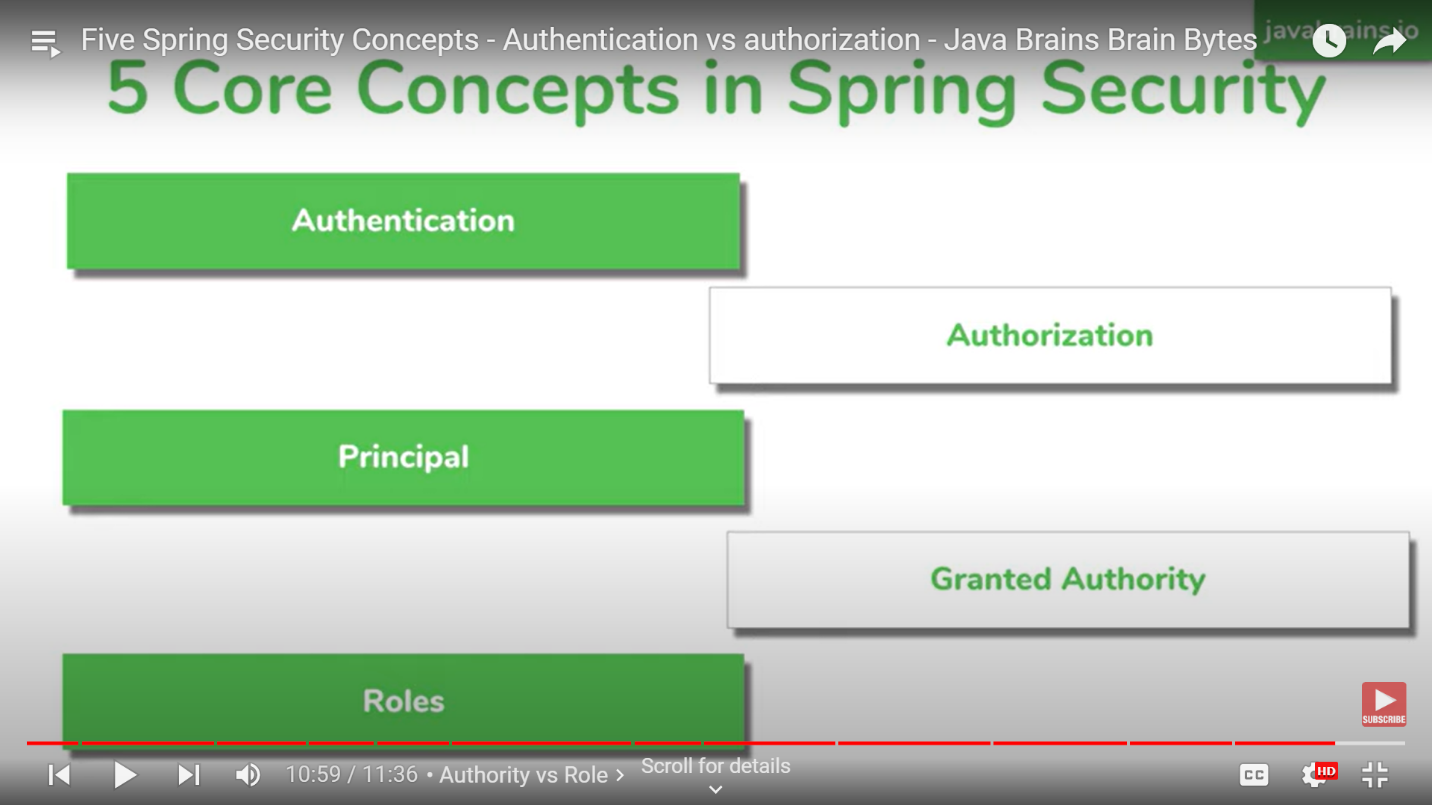
Spring Security and oauth concepts:

Why spring Security?

* Login and log out functionality
* Allow/block access Urls to logged in users
* Allow/block access URLs to logged in users with certain roles

Spring Security Can Do:

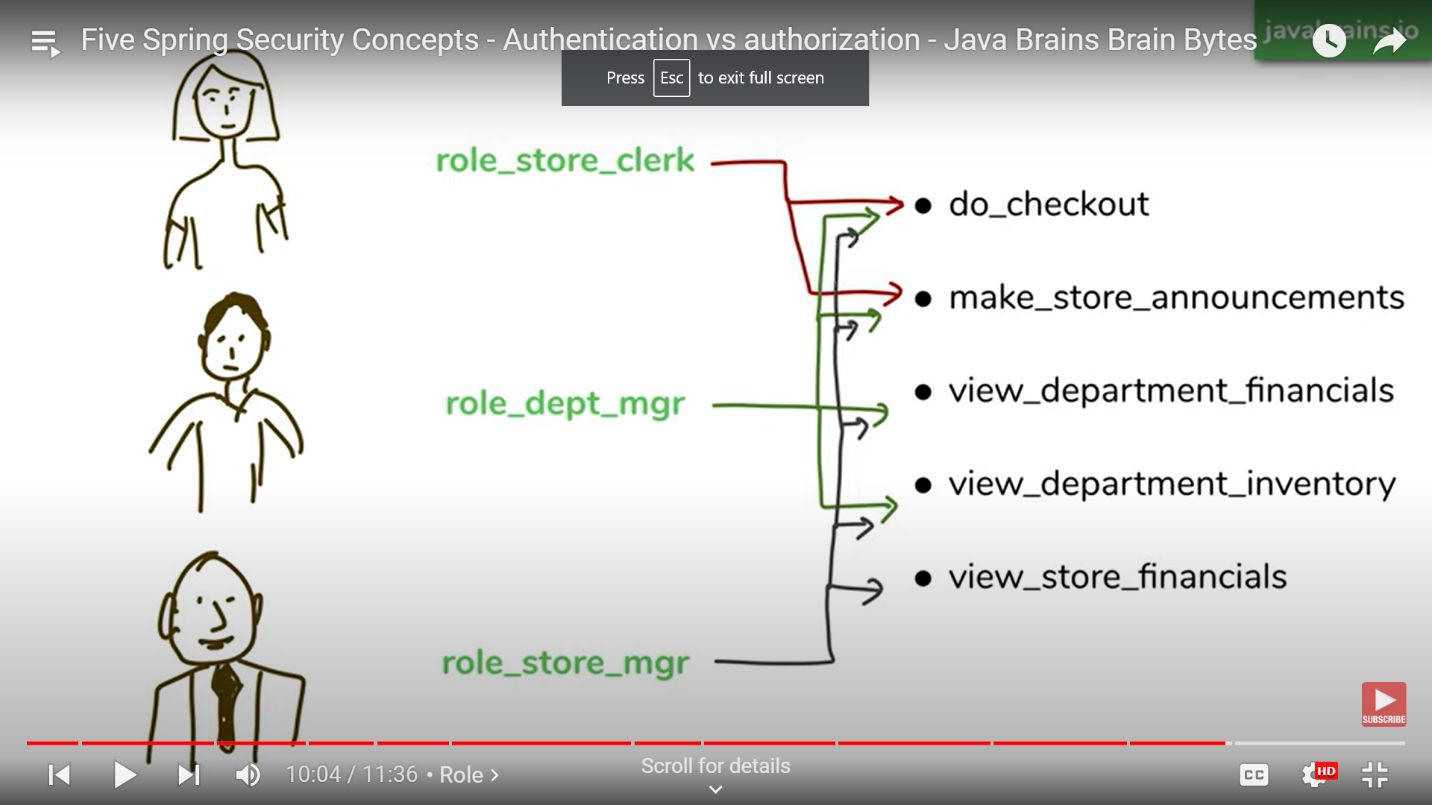
* Username/password Authentication
* SSO/LDAP/OKTA
* App level Authorization
* Intra App Authorization like Oauth
* Tokens/JWT
* Method level Security



Authentication – who are you?

Authorization – what they can do?

Roles – Specific roles to access to resource.



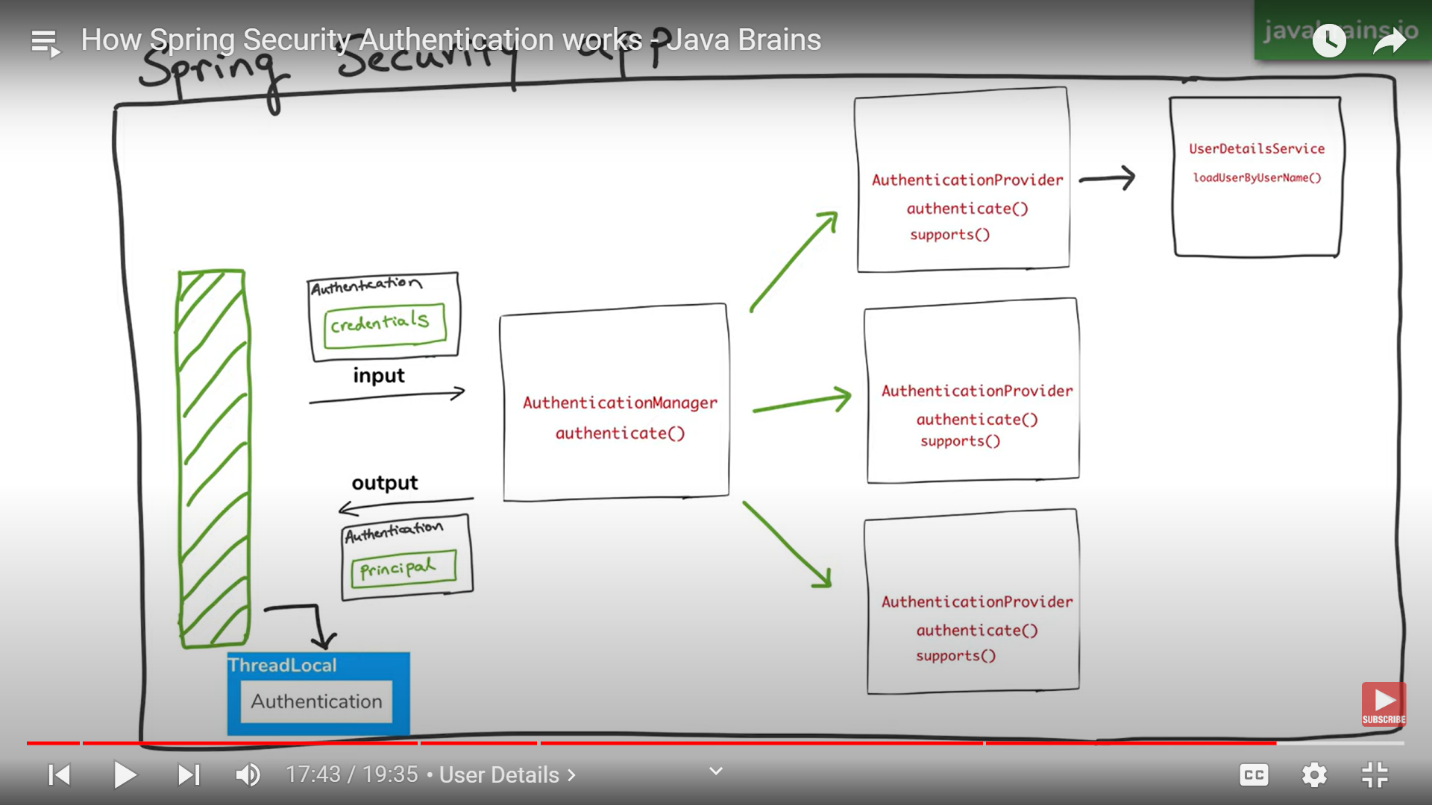
Filter:

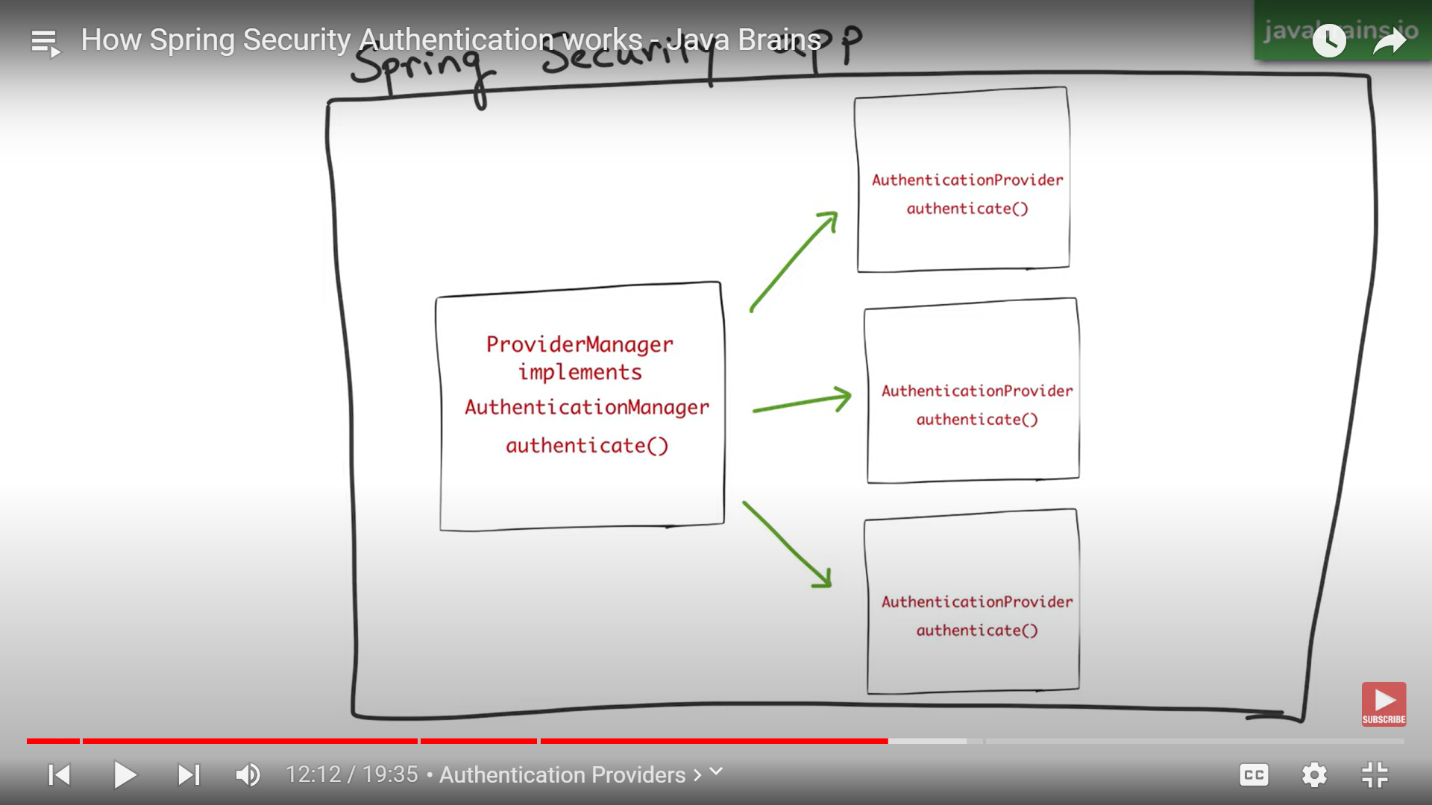
Filter intercepts and decides which URL to access.

Provide manager checks which authentication mechanism to be used.

A screen shot of a diagram

Description automatically generated





Spring Security JWT:

<https://www.bezkoder.com/spring-boot-jwt-authentication/>

Steps:

A screenshot of a computer

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User sign up: create user details and fetch roles details(admin,user,Moderator..etc) and store user(including roles) into DB

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