



Desenvolvimento de Software para WEB

Aula 21 - Spring Security

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pom.xml

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

Classe auxiliar -> SpringSecurityConfig

- Package: util
 - @Configuration
 - @EnableWebSecurity
 - `public class SpringSecurityConfig extends WebSecurityConfigurerAdapter`

Classe auxiliar -> SpringSecurityConfig

```
protected void configure(AuthenticationManagerBuilder auth) throws Exception {  
    auth.inMemoryAuthentication().  
        withUser("user").password("{noop}password").roles("USER").and().  
        withUser("admin").password("{noop}password").roles("USER", "ADMIN");  
}
```

Classe auxiliar -> SpringSecurityConfig

```
protected void configure(HttpSecurity http) throws Exception {  
    String url = "/api/cursos";  
    http .cors().and().httpBasic().and().authorizeRequests()  
        .antMatchers(HttpMethod.GET, url + "/*").hasRole("USER")  
        .antMatchers(HttpMethod.POST, url).hasRole("ADMIN")  
        .antMatchers(HttpMethod.PUT, url + "/*").hasRole("ADMIN")  
        .antMatchers(HttpMethod.PATCH, url + "/*").hasRole("ADMIN")  
        .antMatchers(HttpMethod.DELETE, url + "/*").hasRole("ADMIN").and()  
        .csrf().disable();  
}
```

Classe auxiliar -> SpringSecurityConfig

```
CorsConfigurationSource corsConfigurationSource() {  
    CorsConfiguration configuration = new CorsConfiguration();  
    configuration.setAllowedOrigins(Arrays.asList("*"));  
    configuration.setAllowedHeaders(Arrays.asList("*"));  
    configuration.setAllowedMethods(Arrays.asList("*"));  
    UrlBasedCorsConfigurationSource source = new  
UrlBasedCorsConfigurationSource();  
    source.registerCorsConfiguration("/**", configuration);  
    return source;  
}
```

Classe auxiliar -> SpringSecurityConfig

- <https://pastebin.com/rLLjE3ir>

Vuejs - AXIOS - GET

```
axios.get(this.url, {  
  auth: {  
    username: 'user',  
    password: 'password'  
  }  
}).then(function (r) {  
}).catch(function (error) {  
});
```


Vuejs - AXIOS - POST

```
axios.post(this.url, formData, {  
  headers: {'Content-Type': 'multipart/form-data'},  
  auth: {  
    username: 'admin',  
    password: 'password'  
  }  
}).then(function (r) {  
}).catch(function (error) {  
});
```

Links importantes

- <https://www.mkyong.com/spring-boot/spring-rest-spring-security-example/>
- <https://spring.io/projects/spring-security>
- <https://blog.algaworks.com/spring-security/>
- <https://grokonez.com/spring-framework/spring-security/use-spring-security-jdbc-authentication-postgresql-spring-boot>



Dúvidas??

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