Spring Security Hello World

1. Create a spring mvc web application

2. Add spring security dependencies:

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| <project xmlns=*"http://maven.apache.org/POM/4.0.0"* xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*  xsi:schemaLocation=*"http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4\_0\_0.xsd"*>  <modelVersion>4.0.0</modelVersion>  <groupId>com.spring.security</groupId>  <artifactId>SpringSecurityExamples</artifactId>  <packaging>war</packaging>  <version>1.0</version>  <name>SpringSecurityExamples Maven Webapp</name>  <url>http://maven.apache.org</url>  <dependencies>  <dependency>  <groupId>junit</groupId>  <artifactId>junit</artifactId>  <version>3.8.1</version>  <scope>test</scope>  </dependency>  <!-- spring dependencies -->  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-core</artifactId>  <version>4.2.6.RELEASE</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-web</artifactId>  <version>4.2.6.RELEASE</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-webmvc</artifactId>  <version>4.2.6.RELEASE</version>  </dependency>  <!-- servlet dependencies -->  <dependency>  <groupId>javax</groupId>  <artifactId>javaee-api</artifactId>  <version>7.0</version>  </dependency>  <!-- Spring security -->  <dependency>  <groupId>org.springframework.security</groupId>  <artifactId>spring-security-core</artifactId>  <version>4.1.0.RELEASE</version>  </dependency>  <dependency>  <groupId>org.springframework.security</groupId>  <artifactId>spring-security-web</artifactId>  <version>4.1.0.RELEASE</version>  </dependency>  <dependency>  <groupId>org.springframework.security</groupId>  <artifactId>spring-security-config</artifactId>  <version>4.1.0.RELEASE</version>  </dependency>  <dependency>  <groupId>org.springframework.security</groupId>  <artifactId>spring-security-taglibs</artifactId>  <version>4.1.0.RELEASE</version>  </dependency>    </dependencies>  <build>  <finalName>SpringSecurityExamples</finalName>  <pluginManagement>  <plugins>  <plugin>  <groupId>org.apache.maven.plugins</groupId>  <artifactId>maven-compiler-plugin</artifactId>  <version>3.5.1</version>  <configuration>  <source>1.8</source>  <target>1.8</target>  </configuration>  </plugin>  </plugins>  </pluginManagement>  </build>  </project> |

3. web.xml

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| <web-app xmlns=*"http://java.sun.com/xml/ns/javaee"* xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*  xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"*  version=*"3.0"*>  <context-param>  <param-name>contextConfigLocation</param-name>  <param-value>  /WEB-INF/Hello-servlet.xml,  /WEB-INF/security-context.xml  </param-value>  </context-param>  <listener>  <listener-class>org.springframework.web.context.ContextLoaderListener</listener-class>  </listener>  <servlet>  <servlet-name>Hello</servlet-name>  <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>  <load-on-startup>1</load-on-startup>  </servlet>  <servlet-mapping>  <servlet-name>Hello</servlet-name>  <url-pattern>/</url-pattern>  </servlet-mapping>  <filter>  <filter-name>springSecurityFilterChain</filter-name>  <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>  </filter>  <filter-mapping>  <filter-name>springSecurityFilterChain</filter-name>  <url-pattern>/\*</url-pattern>  </filter-mapping>  </web-app> |

4. Hello-Servlet.xml

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| <?xml version=*"1.0"* encoding=*"UTF-8"*?>  <beans xmlns=*"http://www.springframework.org/schema/beans"*  xmlns:context=*"http://www.springframework.org/schema/context"*  xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*  xmlns:mvc=*"http://www.springframework.org/schema/mvc"*  xsi:schemaLocation=*"*  *http://www.springframework.org/schema/beans*  *http://www.springframework.org/schema/beans/spring-beans-3.2.xsd*  *http://www.springframework.org/schema/context*  *http://www.springframework.org/schema/context/spring-context-3.2.xsd*  *http://www.springframework.org/schema/mvc*  *http://www.springframework.org/schema/mvc/spring-mvc-3.2.xsd"*>  <context:annotation-config></context:annotation-config>  <context:component-scan base-package=*"com.spring.security.hello.world"*></context:component-scan>  <!-- <mvc:annotation-driven/> -->  <bean class=*"org.springframework.web.servlet.view.InternalResourceViewResolver"*>  <property name=*"prefix"* value=*"/WEB-INF/jsp/"*></property>  <property name=*"suffix"* value=*".jsp"*></property>  </bean>  </beans> |

5. security-context.xml

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| <?xml version=*"1.0"* encoding=*"UTF-8"*?>  <beans:beans xmlns=*"http://www.springframework.org/schema/security"*  xmlns:beans=*"http://www.springframework.org/schema/beans"*  xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*  xsi:schemaLocation=*"http://www.springframework.org/schema/beans*  *http://www.springframework.org/schema/beans/spring-beans-3.0.xsd*  *http://www.springframework.org/schema/security*  *http://www.springframework.org/schema/security/spring-security-4.1.xsd"*>    <http auto-config=*"true"*>  <intercept-url pattern=*"/admin/\*"* access=*"hasRole('ROLE\_ADMIN')"*/>  </http>    <authentication-manager>  <authentication-provider>  <user-service>  <user name=*"admin"* password=*"admin"* authorities=*"ROLE\_ADMIN"*/>  </user-service>  </authentication-provider>  </authentication-manager>  </beans:beans> |

6. HomeController.java

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| package com.spring.security.hello.world;  import org.springframework.stereotype.Controller;  import org.springframework.web.bind.annotation.RequestMapping;  import org.springframework.web.bind.annotation.RequestMethod;  import org.springframework.web.servlet.ModelAndView;  @Controller  public class HomeController {  @RequestMapping(value = "/", method = { RequestMethod.GET, RequestMethod.POST })  public String home() {  return "home";  }  @RequestMapping(value = "/admin/privatePage", method = RequestMethod.GET)  public ModelAndView privatePate(ModelAndView modelAndView) {  modelAndView.setViewName("privatePage");  return modelAndView;  }  } |