

25강. Security-I

- 보안 관련 프로젝트 생성
- 보안 관련 라이브러리 추가
- 보안 관련 설정 파일 만들기
- In-Memory 인증

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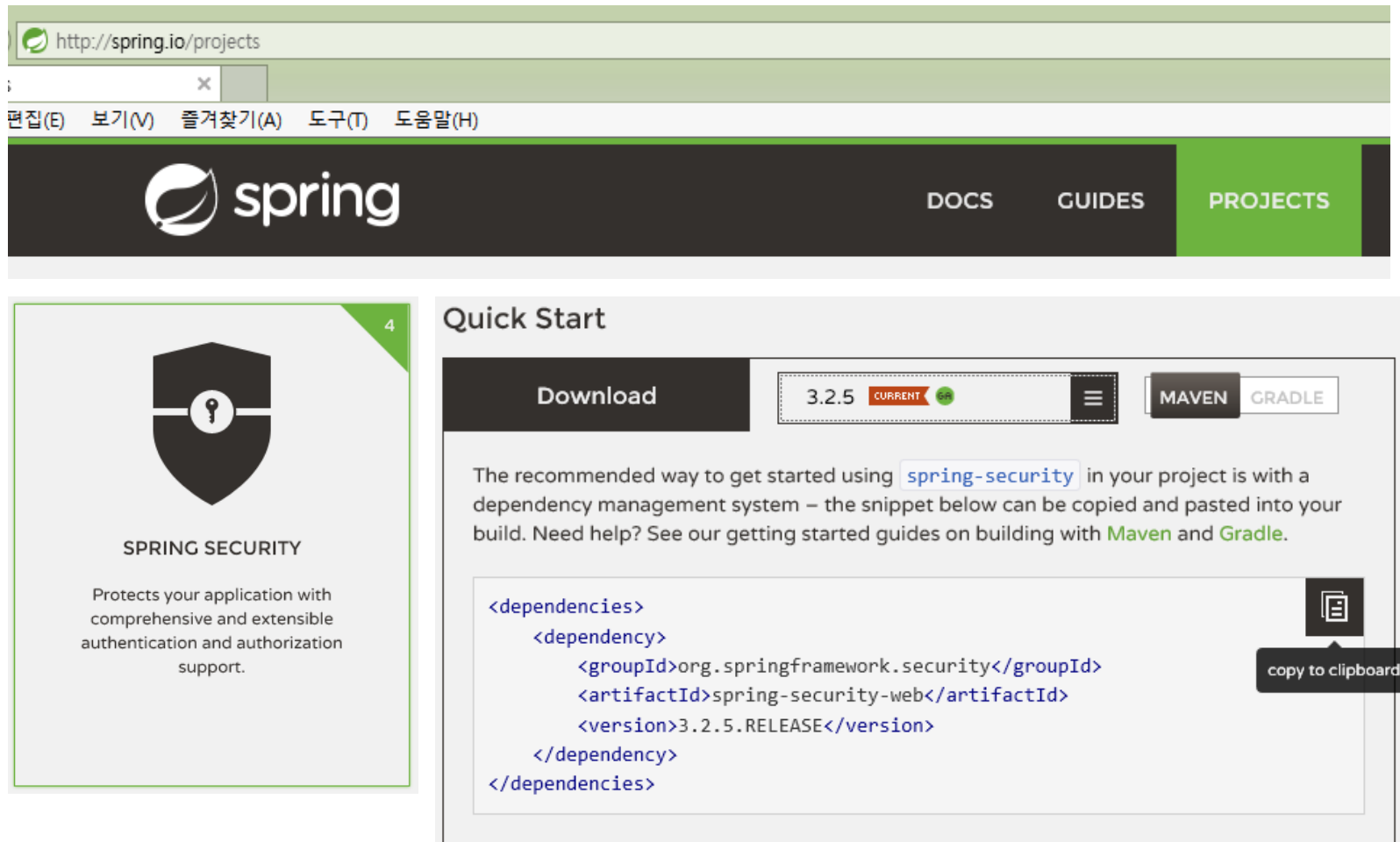
25-1. 보안 관련 프로젝트 생성

(spring_25_1_ex1_springex)

1. 프로젝트 생성 *→ web.xml에서 filter 제어를 이용하여 한글깨짐 방지*
2. 한글 처리
3. 보안 관련 라이브러리 추가
4. 스프링 설정 파일 분리 *→ web.xml*
5. 보안 관련 설정 파일 만들기

25-2. 보안 관련 라이브러리 추가

(spring_25_1_ex1_springex)



The screenshot shows the Spring.io Projects page. The left sidebar features a 'Spring Security' section with a shield icon and the text: 'Protects your application with comprehensive and extensible authentication and authorization support.' The main content area is titled 'Quick Start' and includes a 'Download' button, the version '3.2.5' (marked as 'CURRENT'), and tabs for 'MAVEN' and 'GRADLE'. Below this, a text block explains the recommended way to get started using 'spring-security' in a project. A code snippet is provided for Maven dependencies, and a 'copy to clipboard' button is next to it.

```
<dependencies>
  <dependency>
    <groupId>org.springframework.security</groupId>
    <artifactId>spring-security-web</artifactId>
    <version>3.2.5.RELEASE</version>
  </dependency>
</dependencies>
```

```
<!-- security -->
<dependency>
  <groupId>org.springframework.security</groupId>
  <artifactId>spring-security-web</artifactId>
  <version>3.2.5.RELEASE</version>
</dependency>

<dependency>
  <groupId>org.springframework.security</groupId>
  <artifactId>spring-security-config</artifactId>
  <version>3.2.5.RELEASE</version>
</dependency>
```

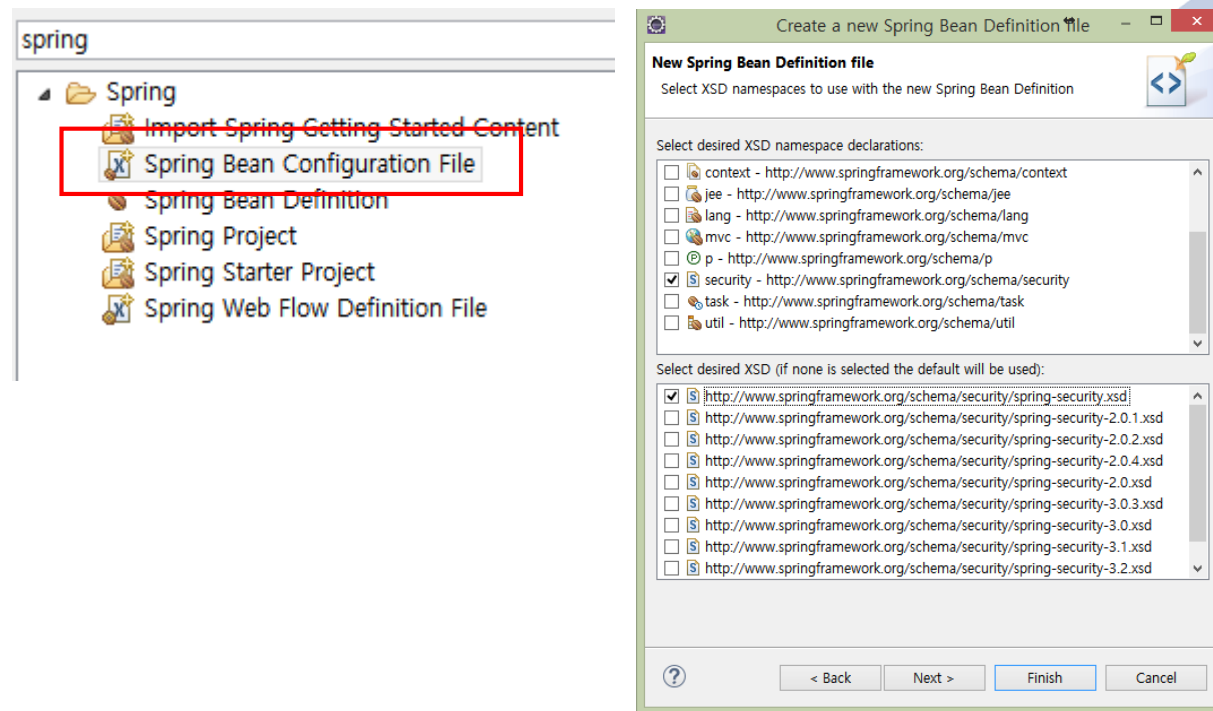
pom.xml 에 추가

25-3. 보안 관련 설정 파일 만들기

(spring_25_1_ex1_springex)

```
<!-- Processes application requests -->
<servlet>
  <servlet-name>appServlet</servlet-name>
  <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
  <init-param>
    <param-name>contextConfigLocation</param-name>
    <param-value>
      /WEB-INF/spring/appServlet/servlet-context.xml
      /WEB-INF/spring/appServlet/security-context.xml
    </param-value>
  </init-param>
  <load-on-startup>1</load-on-startup>
</servlet>
```

web.xml 에 추가



설정 파일 생성

25-4. In-Memory 인증

(spring_25_1_ex1_springex)

1. 설정 파일 작성 → *Security-context.xml*
2. web.xml에 filter 작성

```
<security:http auto-config="true">
  <security:intercept-url pattern="/login.html*" access="ROLE_USER"/>
  <security:intercept-url pattern="/welcome.html*" access="ROLE_ADMIN"/>
</security:http>

<security:authentication-manager>
  <security:authentication-provider>
    <security:user-service>
      <security:user name="user" password="123" authorities="ROLE_USER"/>
      <security:user name="admin" password="123" authorities="ROLE_ADMIN,ROLE_USER"/>
    </security:user-service>
  </security:authentication-provider>
</security:authentication-manager>
```

개발자가 마음대로 이름정의

이런 패턴이 들어간것만 설정

```
<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>
```