

Windows - Eclipse 설치

- <https://spring.io/tools>

- Spring Tools 4 for Eclipse
- 사용하는 OS에 맞는 설치 파일 다운로드
 - *Windows 예) spring-tool-suite-4-4.12.0.RELEASE-e4.21.0-win32.win32.x86_64.self-extracting.jar*

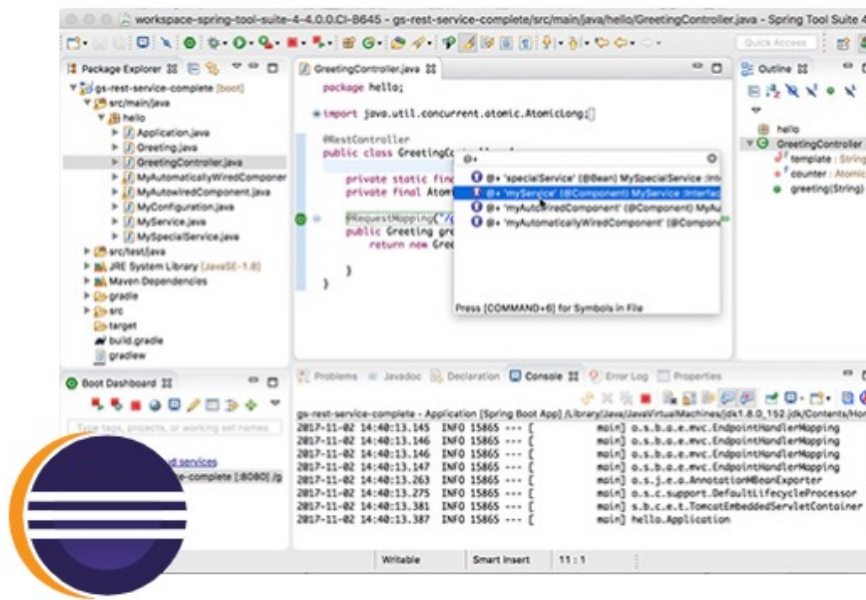
Spring Tools 4 for Eclipse

The all-new Spring Tool Suite 4.
Free. Open source.

4.12.0 - LINUX X86_64

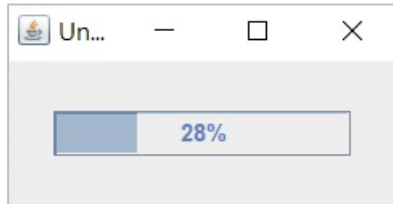
4.12.0 - MACOS X86_64

4.12.0 - WINDOWS X86_64



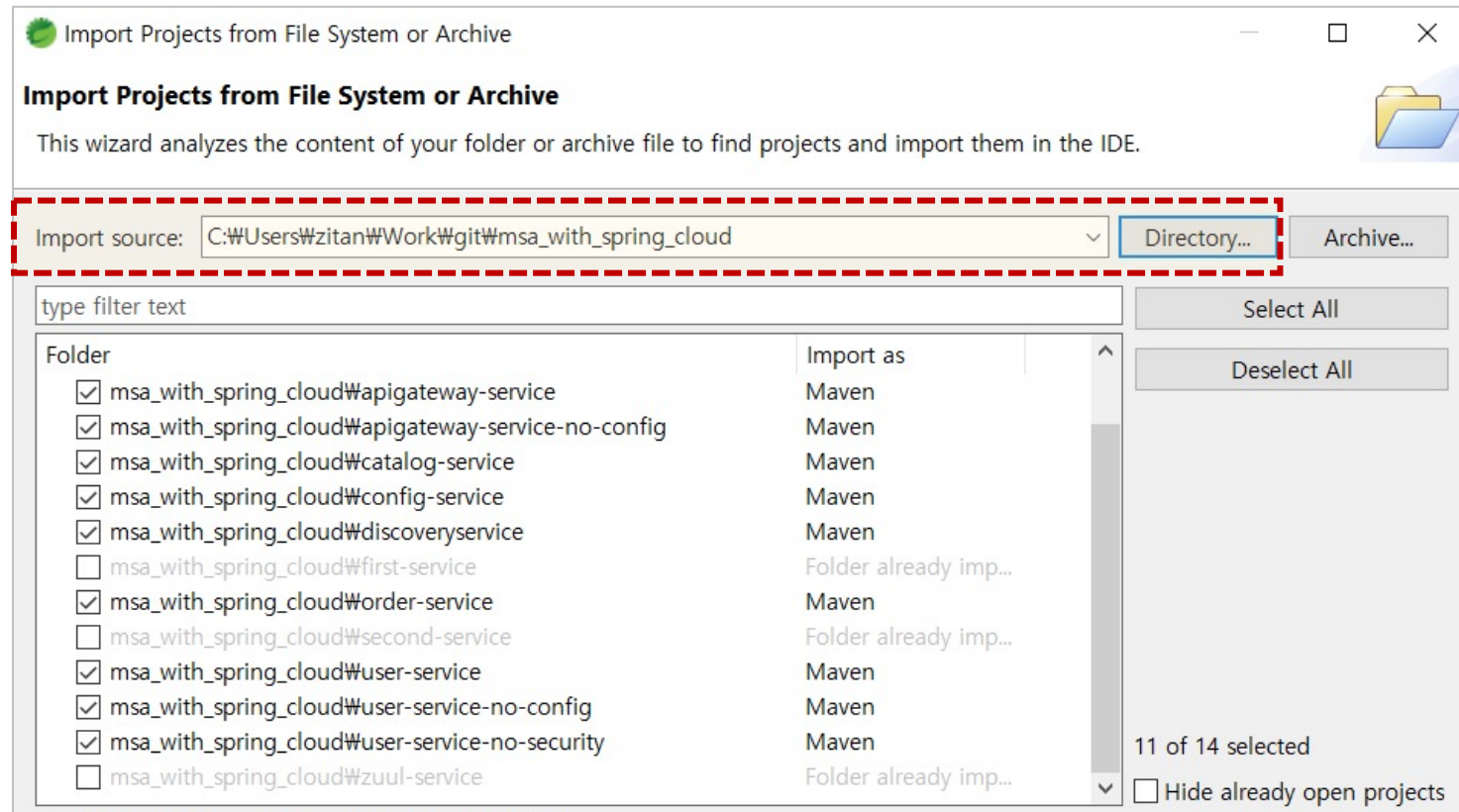
Windows - Eclipse 실행

- 다운로드 받은 jar 파일 더블클릭하여 압축 해제
- [STS 설치 폴더]₩SpringToolsSuite4.exe 실행



Projects 불러오기

- 아래 repository에서 강의에 사용된 소스 코드 다운로드
 - https://github.com/joneconsulting/msa_with_spring_cloud
- Eclipse > File > Open Project from File System 메뉴 실행
 - Import source에 다운로드 받은 repository 지정
 - 다음 프로젝트 불러오기
 - discoveryservice
 - zuul-service
 - first-service
 - second-service



Windows - Eclipse Lombok Plugin 설치

- <https://projectlombok.org/setup/eclipse>
 - Download 메뉴에서 최신 버전 다운로드

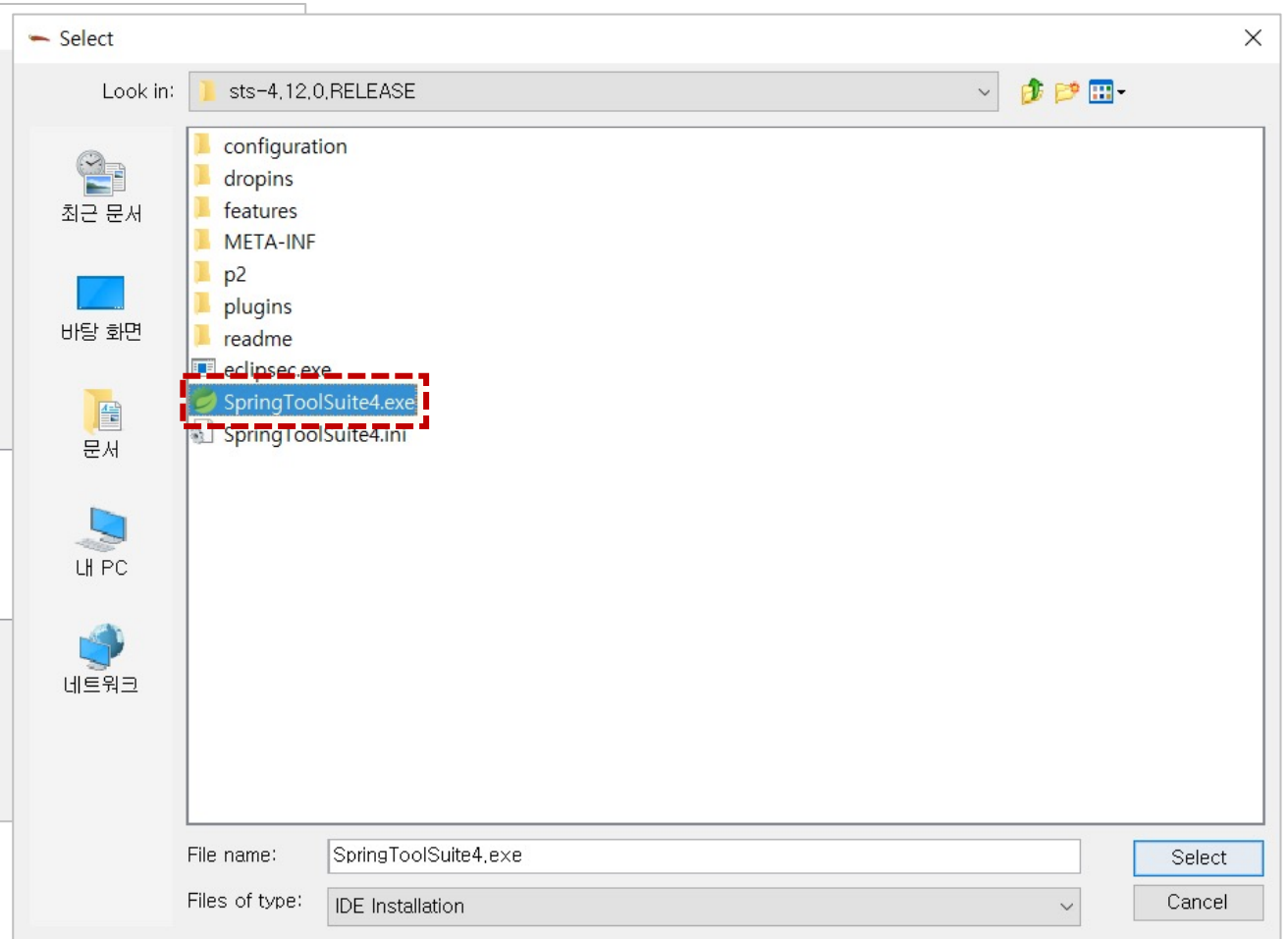
The screenshot shows the Project Lombok website at <https://projectlombok.org/setup/eclipse>. The page title is "Eclipse, Spring Tool Suite, (Red Hat) JBoss Developer Studio, MyEclipse". The navigation bar includes "Project Lombok", "Features", "Community", "Order / Donate", "Install", and "Download". The "Download" link is highlighted with a red dashed box. Below the navigation bar, the text states: "The Eclipse editor is compatible with lombok. Eclipse o...". A list of compatible IDEs is shown, enclosed in a red dashed box:

- MyEclipse
- Red Hat JBoss Developer Studio
- JBoss Developer Studio (JBDS)
- Spring Tools Suite (STS)

Below the list, the text says: "Double-click lombok.jar (downloadable from this site, c... eclipse installer which will find eclipse (and eclipse vari... eclipse installations. The same tool can also uninstall l...". At the bottom right, there is a large red button with a download icon and the text "Download 1.18.22", also enclosed in a red dashed box. Below this button, the links "changelog" and "older versions" are visible.

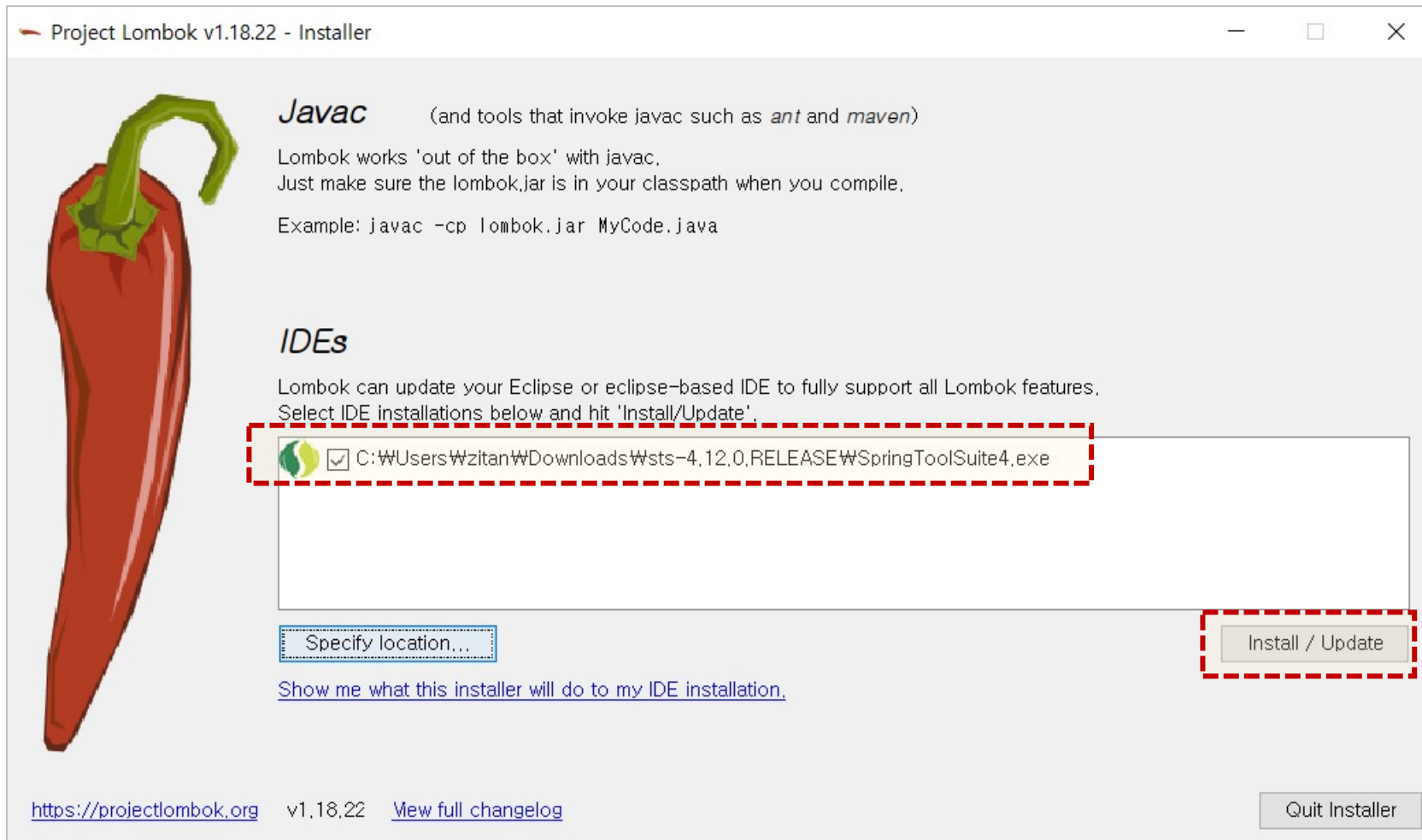
Windows - Eclipse Lombok Plugin 설치

- 다운로드 받은 lombok.jar 파일을 더블클릭하여 실행
 - Specify location 클릭 후 Eclipse의 실행 파일을 선택



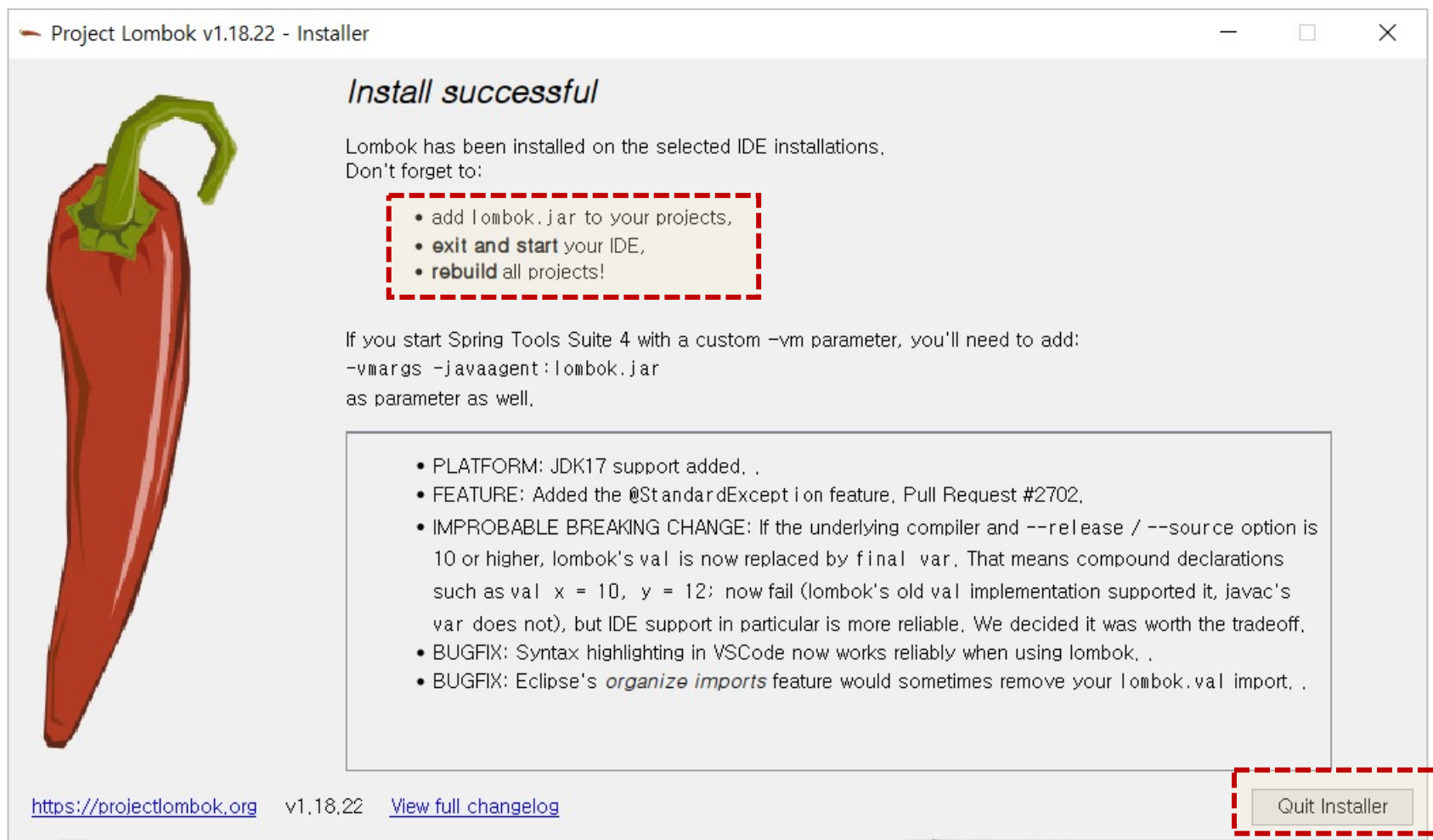
Windows - Eclipse Lombok Plugin 설치

- Lombok installer에서 Eclipse IDE가 선택 완료
- Install/Update 버튼 클릭하여 설치 진행



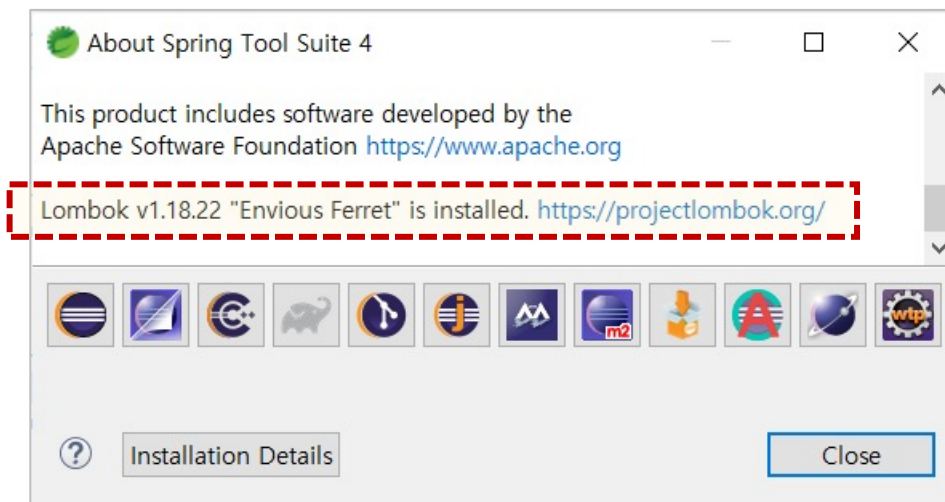
Windows - Eclipse Lombok Plugin 설치

- 설치 완료 화면
- Quit Installer 클릭 후, Eclipse 재실행



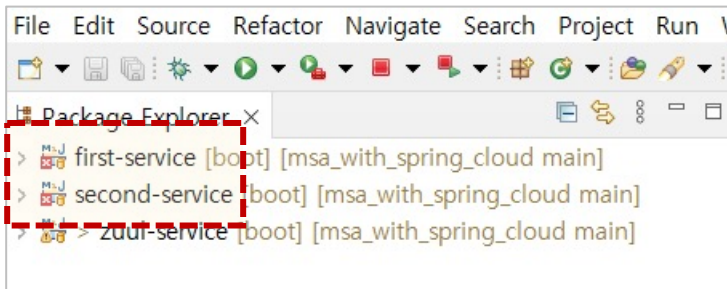
Windows - Eclipse Lombok Plugin 설치

- Eclipse > Help > About Spring Tool Suite 4 메뉴 실행
- Lombok Plug 설치 된 것 확인
- 모든 프로젝트 다시 빌드



Project 실행

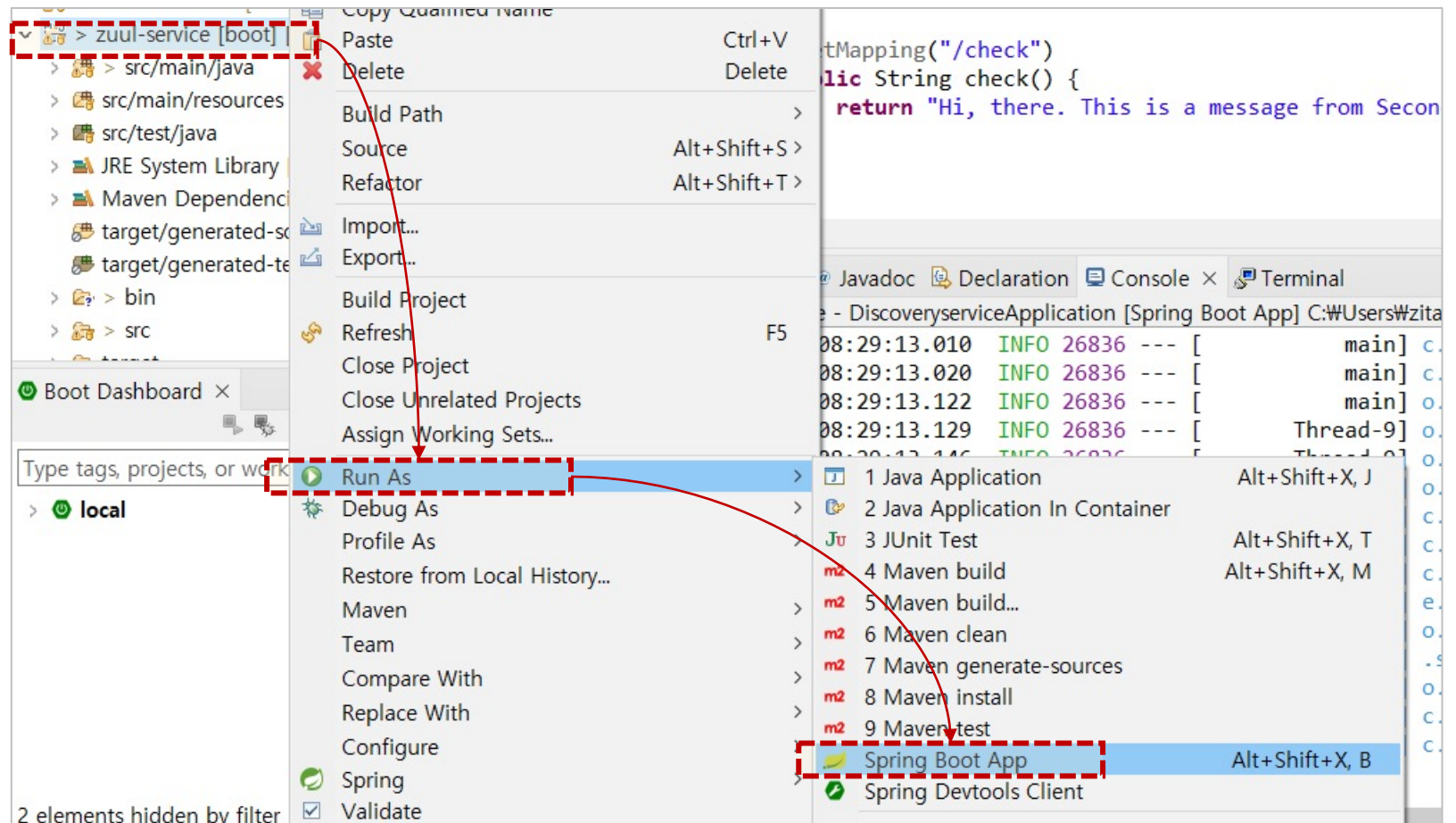
- Lombok Plug 설치 후 에도, 아래와 같이 오류가 발생되어 보일 수 있으나, 다시 빌드하면 오류는 사라짐
- 모든 프로젝트 다시 빌드



```
16 @RestController
17 @RequestMapping("/first-service")
18 @Slf4j
19 public class FirstServiceController {
20     Environment env;
21
22     @Autowired
23     public FirstServiceController(Environment env) {
24         this.env = env;
25     }
26
27     @GetMapping("/welcome")
28     public String welcome() {
29         return "Welcome to the First service.";
30     }
31
32     @GetMapping("/message")
33     public String message(@RequestHeader("first-request") String header) {
34         log.info(header);
35         return "Hello World in First Service.";
36     }
37 }
```

Project 실행

- 해당 Project를 마우스 우측 버튼 클릭 > Run As > Spring Boot App 실행
- 프로젝트 실행 순서
 - 1) discoveryservice
 - 2) zuul-service
 - 3) first-service
 - 4) second-service



Project 실행

■ Application Console Log 확인

- 하단 Console 메뉴에서 모든 Application의 Log 확인 가능

