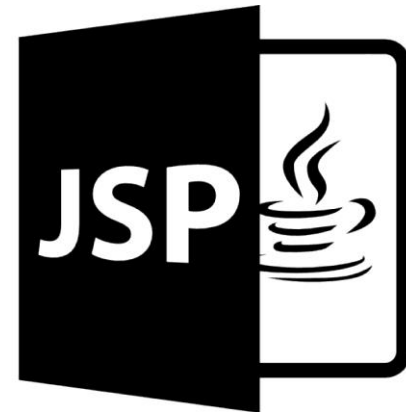


웹 애플리케이션 서비스하기



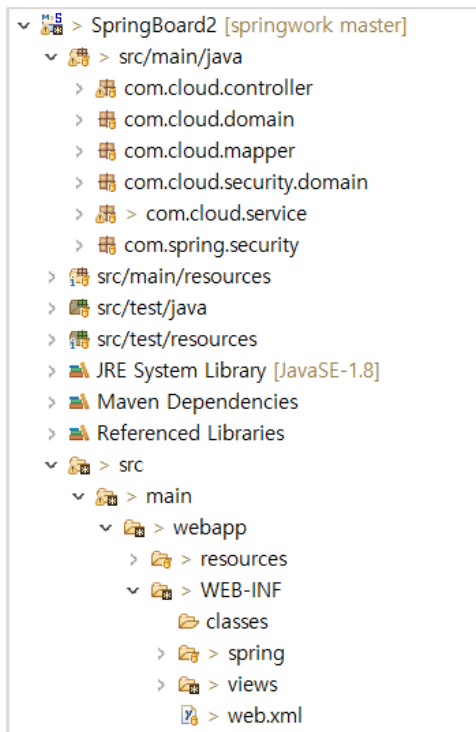
tomcat



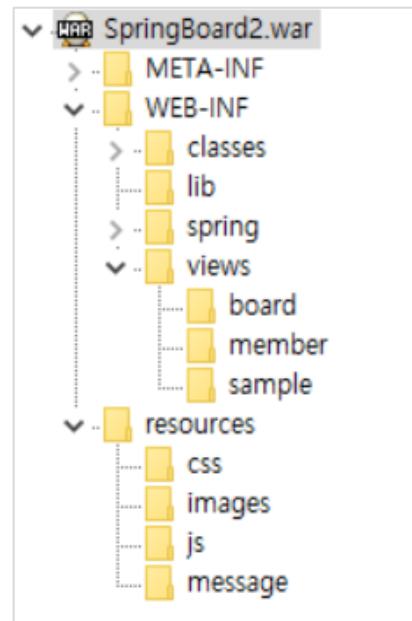
웹 애플리케이션 서비스하기

개발과 배포

배포란? 개발이 완료된 웹 애플리케이션을 실제 사용자에게 서비스하기 위한 작업
구체적으로 개발 -> 패키징 -> 배포 및 실행 과정으로 이루어짐.



개발 구조



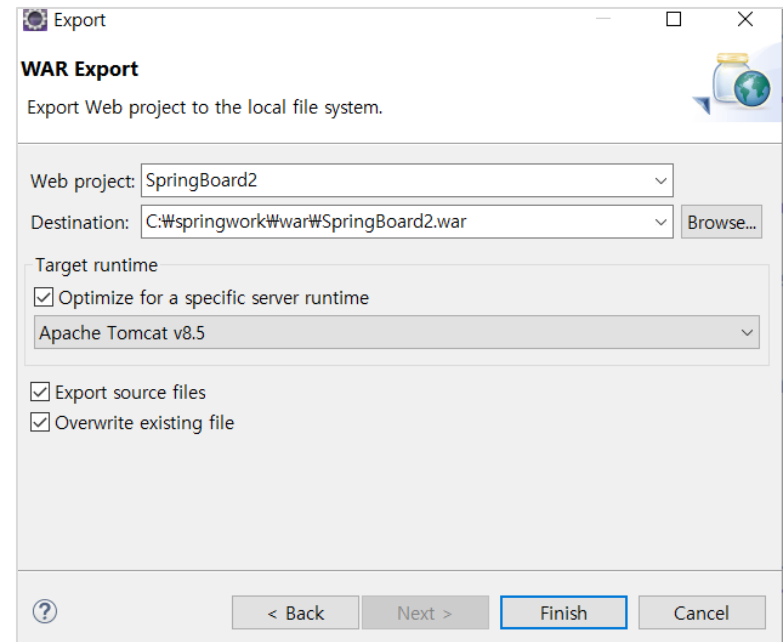
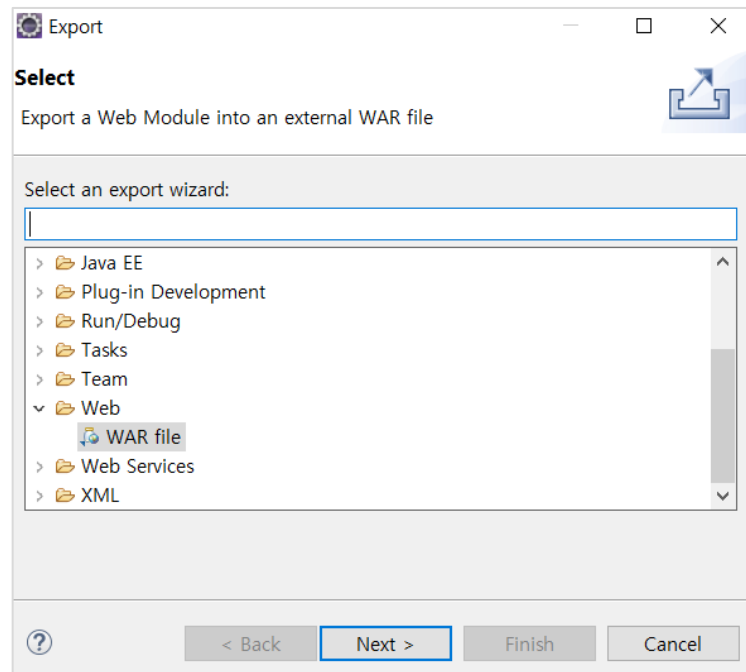
배포 구조



웹 애플리케이션 서비스하기

웹 애플리케이션 패키징 – war 파일

개발이 완료된 웹은 패키지 작업에 들어가는데, war라고 하는 표준 아카이브 포맷을 이용하여 압축을 실행한다.



웹프로젝트 > 우측 > Export > Web > WAR file

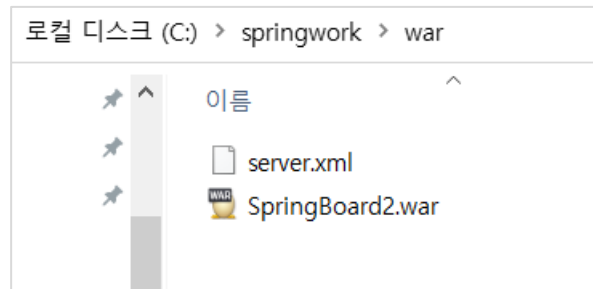
저장 위치 : war폴더 생성후 저장
체크박스- 모두 체크



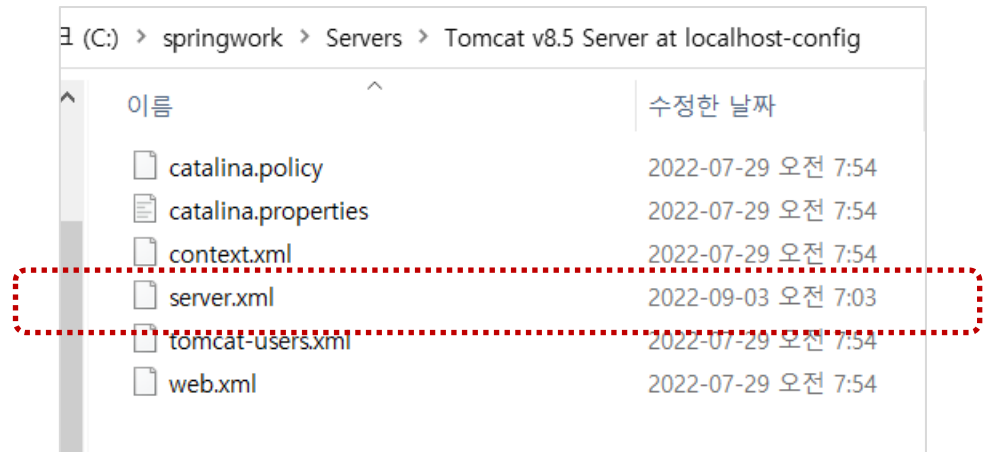
웹 애플리케이션 서비스하기

운영 서버

배포 후 C: 드라이브가 운영 서버 역할을 함(웹 서버는 클라우드 등에 호스팅)



war 파일 및 server.xml 저장



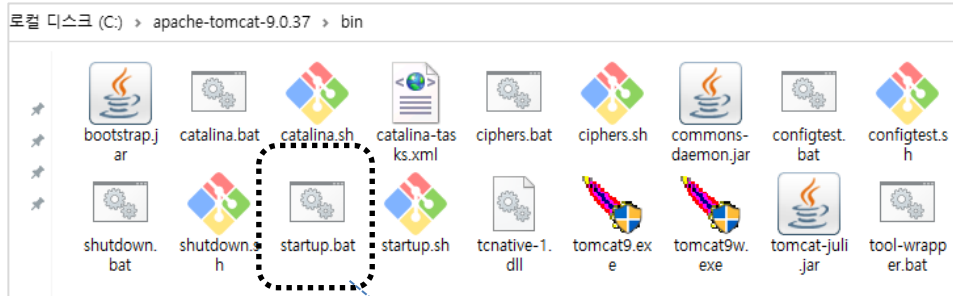
server.xml – path, docBase 확인

```
<Context docBase="SpringBoard2" path="/" reloadable="true" source="org.eclipse.jst.jee.server:SpringBoard2"/>
</Engine>
</Service>
</Server>
```



웹 애플리케이션 서비스하기

CMD(명령프롬프트)에서 톰캣 실행 -> war 압축 풀기



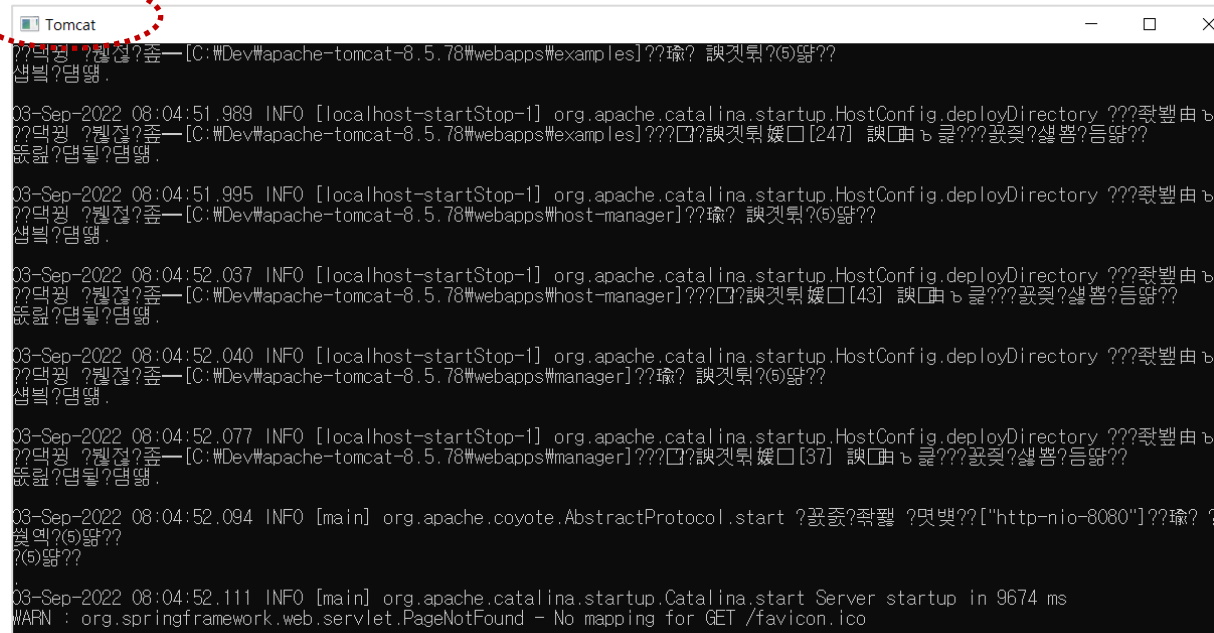
```
C:\Users\Wkiyon>cd C:\Dev\apache-tomcat-8.5.78\bin

C:\Dev\apache-tomcat-8.5.78\bin>startup.bat
Using CATALINA_BASE:   "C:\Dev\apache-tomcat-8.5.78"
Using CATALINA_HOME:   "C:\Dev\apache-tomcat-8.5.78"
Using CATALINA_TMPDIR: "C:\Dev\apache-tomcat-8.5.78\temp"
Using JRE_HOME:        "C:\Program Files\Java\jdk-11.0.15.1"
Using CLASSPATH:       "C:\Dev\apache-tomcat-8.5.78\bin\bootstrap.jar;C:\Dev
Using CATALINA_OPTS:   ""
C:\Dev\apache-tomcat-8.5.78\bin>shutdown.bat
```

웹 애플리케이션 서비스하기

톰캣(서버) 실행 - 포트 번호(8080) 확인

톰캣 서버
실행



```
Tomcat
??덤프?웹?쥬-[C:\Dev#apache-tomcat-8.5.78#webapps#examples]??덤프?덤프??
03-Sep-2022 08:04:51.989 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory ???덤프?
??덤프?웹?쥬-[C:\Dev#apache-tomcat-8.5.78#webapps#examples]??덤프?덤프?덤프?덤프?덤프?
03-Sep-2022 08:04:51.995 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory ???덤프?
??덤프?웹?쥬-[C:\Dev#apache-tomcat-8.5.78#webapps#host-manager]??덤프?덤프?덤프?
03-Sep-2022 08:04:52.037 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory ???덤프?
??덤프?웹?쥬-[C:\Dev#apache-tomcat-8.5.78#webapps#host-manager]??덤프?덤프?덤프?덤프?덤프?
03-Sep-2022 08:04:52.040 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory ???덤프?
??덤프?웹?쥬-[C:\Dev#apache-tomcat-8.5.78#webapps#manager]??덤프?덤프?덤프?
03-Sep-2022 08:04:52.077 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory ???덤프?
??덤프?웹?쥬-[C:\Dev#apache-tomcat-8.5.78#webapps#manager]??덤프?덤프?덤프?덤프?덤프?
03-Sep-2022 08:04:52.094 INFO [main] org.apache.coyote.AbstractProtocol.start ?덤프?덤프?덤프?["http-nio-8080"]??덤프?
03-Sep-2022 08:04:52.111 INFO [main] org.apache.catalina.startup.Catalina.start Server startup in 9674 ms
WARN : org.springframework.web.servlet.PageNotFound - No mapping for GET /favicon.ico
```



웹 애플리케이션 서비스하기

웹 브라우저에 요청 – localhost:8080

