Eclipse

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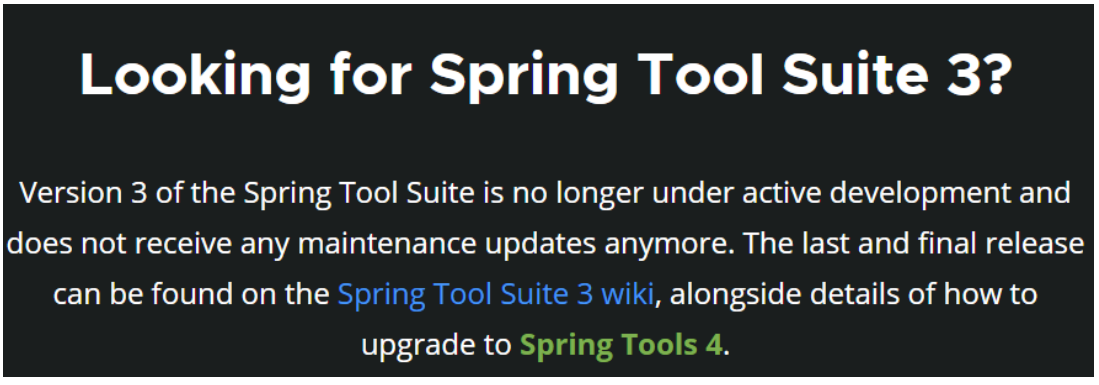
01. STS Install

💡 STS; Sprint Tool Suite, 이클립스 기반 스프링 애플리케이션을 위한 개발 환경
STS4 : Spring Boot만 개발 가능

01) STS3 Download

- URL : https://github.com/spring-attic/toolsuite-distribution/wiki/Spring-Tool-Suite-3
    - Spring Tool Suite3 wiki Click!



    - 본인 사양에 맞게 선택!
        - *.zip : windows | *.dmg : mac

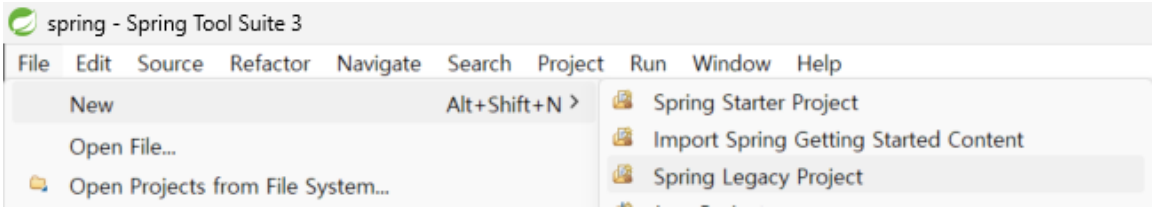
02) Install

- 압축 풀고 해당 위치에 복사
  - C:\Java\sts-3.9.18.RELEASE
- 실행 테스트
  - C:\Java\sts-3.9.18.RELEASE\STS.exe 관리자 권한으로 실행

03) Development Environment Settings

▼ File → New

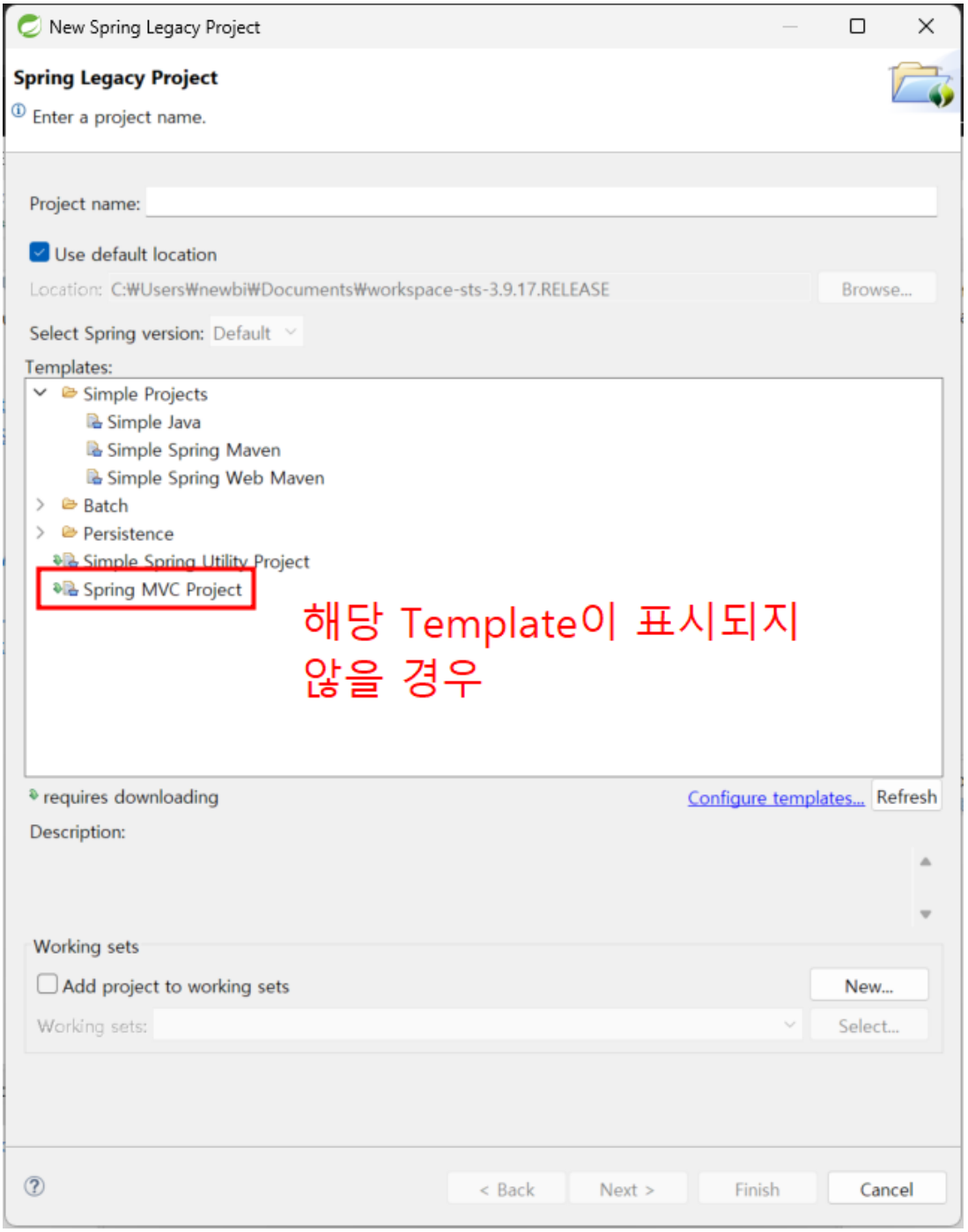
- Spring Starter Project : Spring Boot Project
- Spring Legacy Project : Spring Project

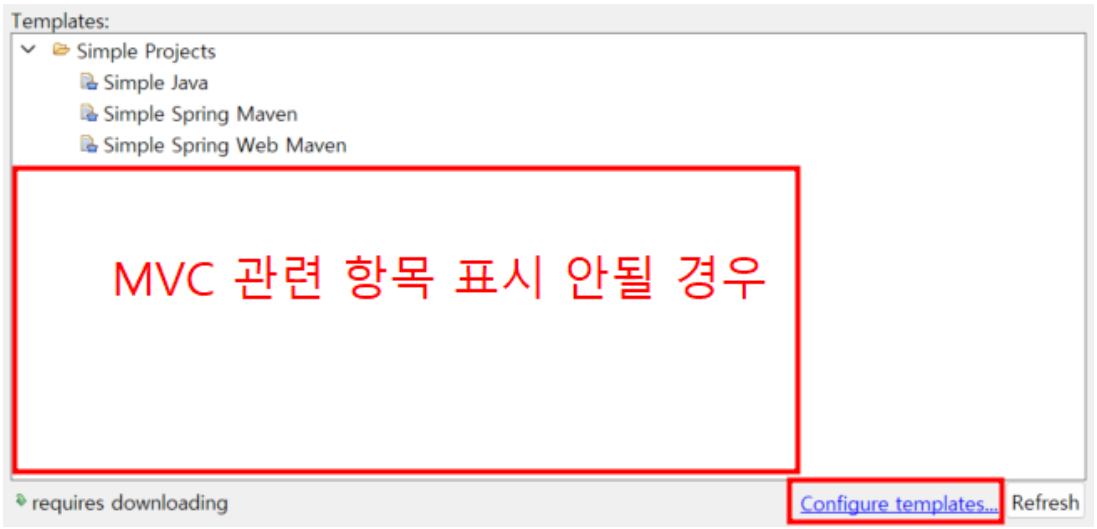


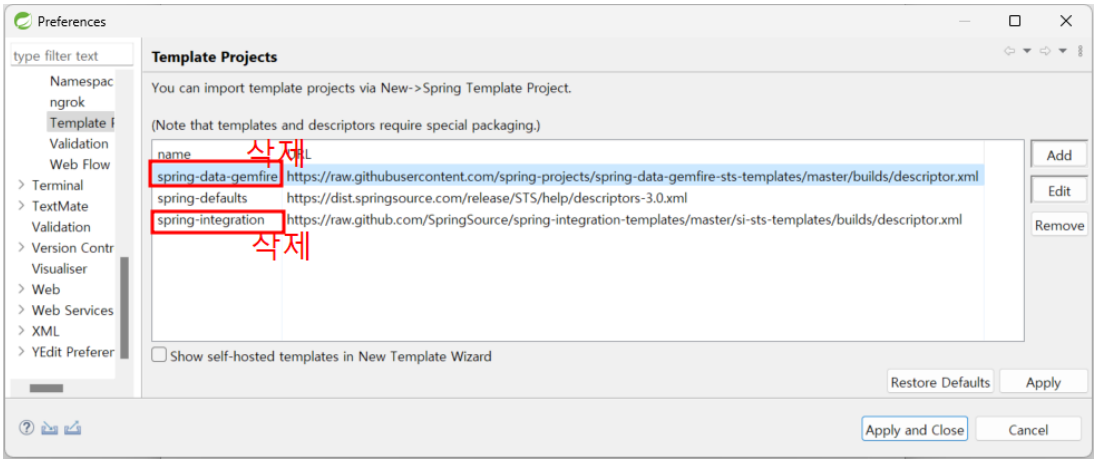
▼ Sping MVC Pattern Templates 생성

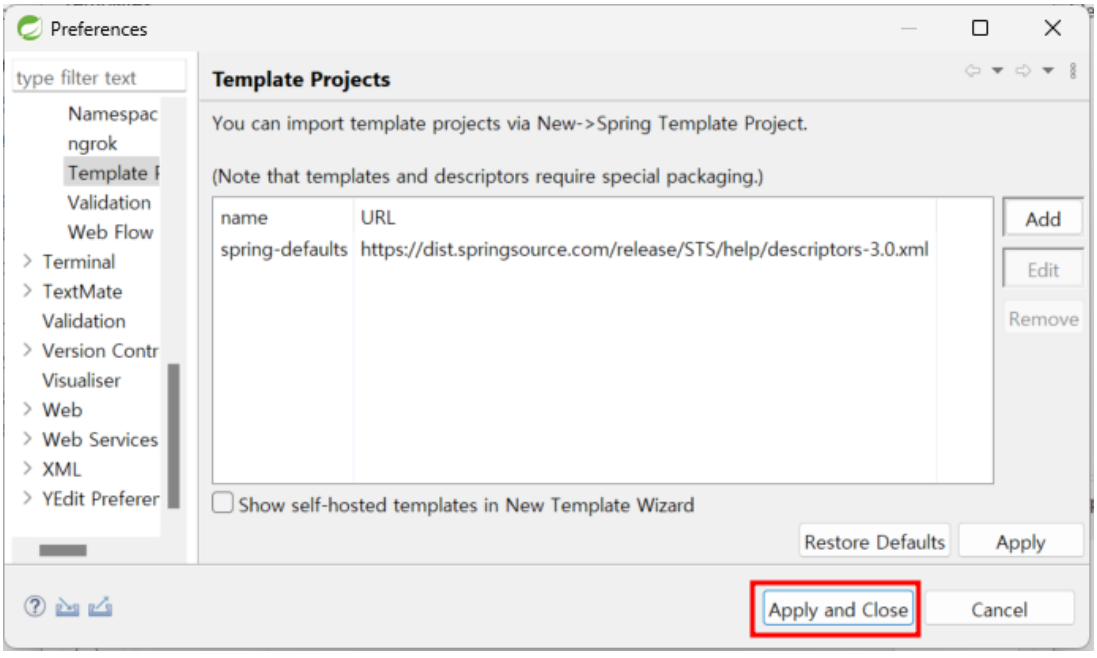
▼ MVC 관련 항목이 표시가 되지 않을 경우

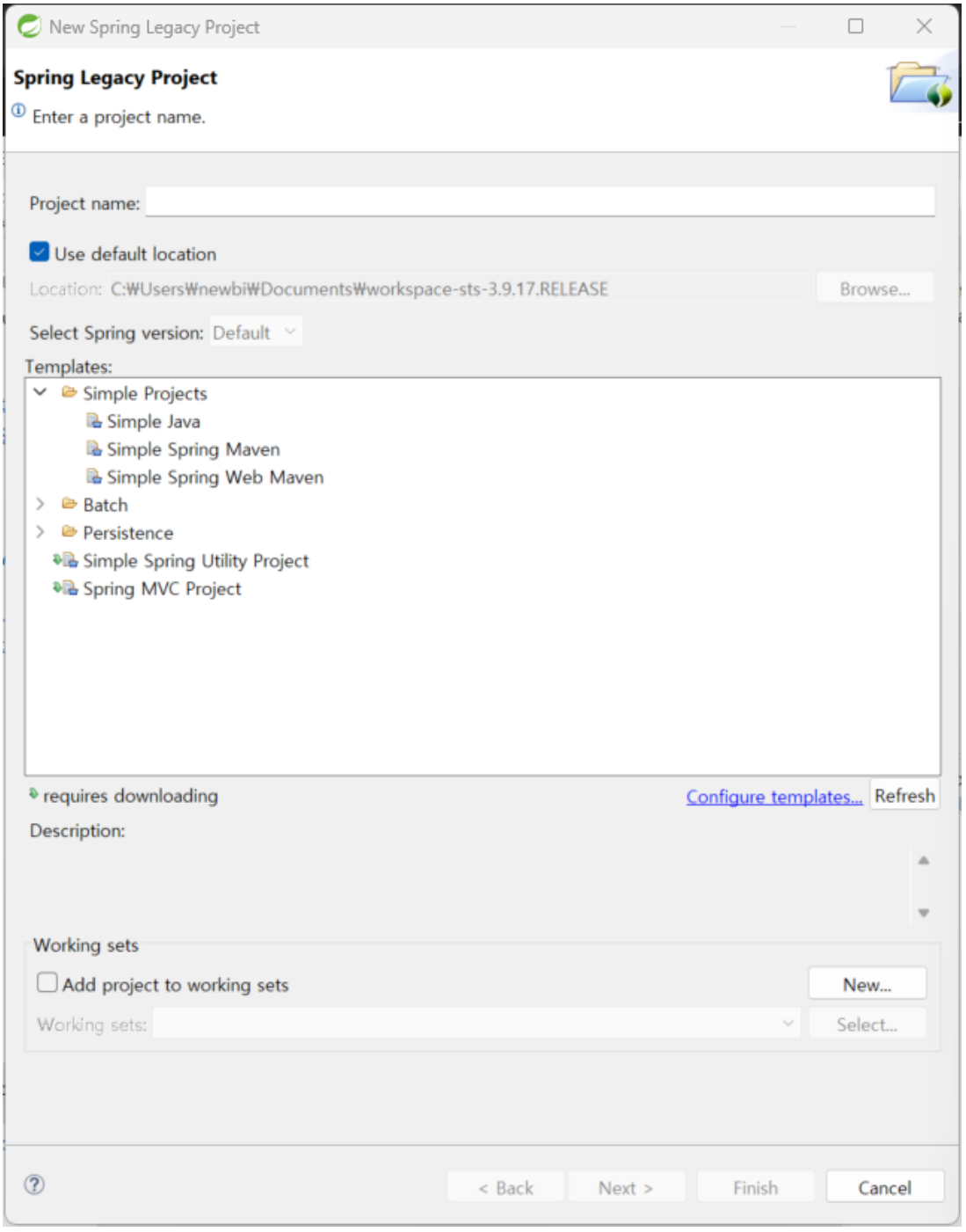
- 아래와 같이 구성 정보 수정 후 (관리자 권한으로)재 실행

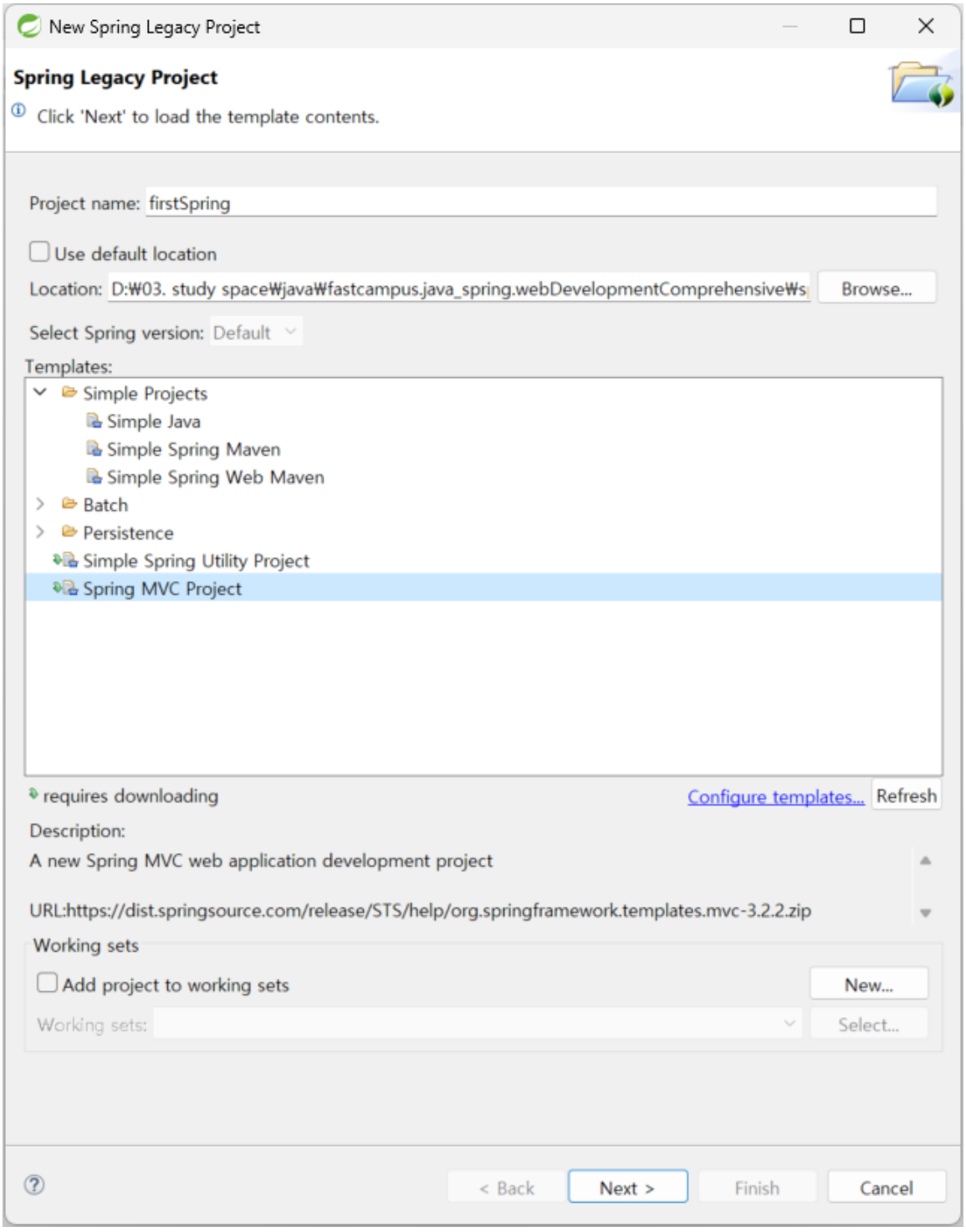


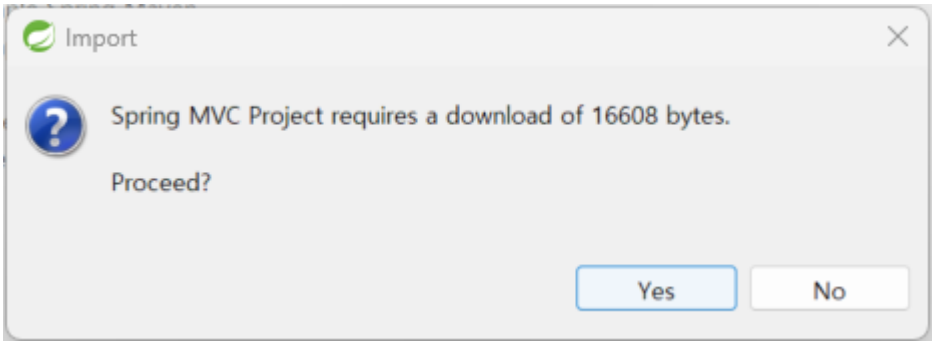

Templates:
Simple Projects
Simple Java
Simple Spring Maven
Simple Spring Web Maven
MVC 관련 항목 표시 안될 경우
requires downloading
Configure templates...
Refresh


Preferences
type filter text
Template Projects
You can import template projects via New->Spring Template Project.
(Note that templates and descriptors require special packaging.)
name
URL
spring-data-gemfire
https://raw.githubusercontent.com/spring-projects/spring-data-gemfire-sts-templates/master/builds/descriptor.xml
spring-defaults
https://dist.springsource.com/release/STS/help/descriptors-3.0.xml
spring-integration
https://raw.github.com/SpringSource/spring-integration-templates/master/si-sts-templates/builds/descriptor.xml
삭제
삭제
Add
Edit
Remove
Show self-hosted templates in New Template Wizard
Restore Defaults
Apply
Apply and Close
Cancel

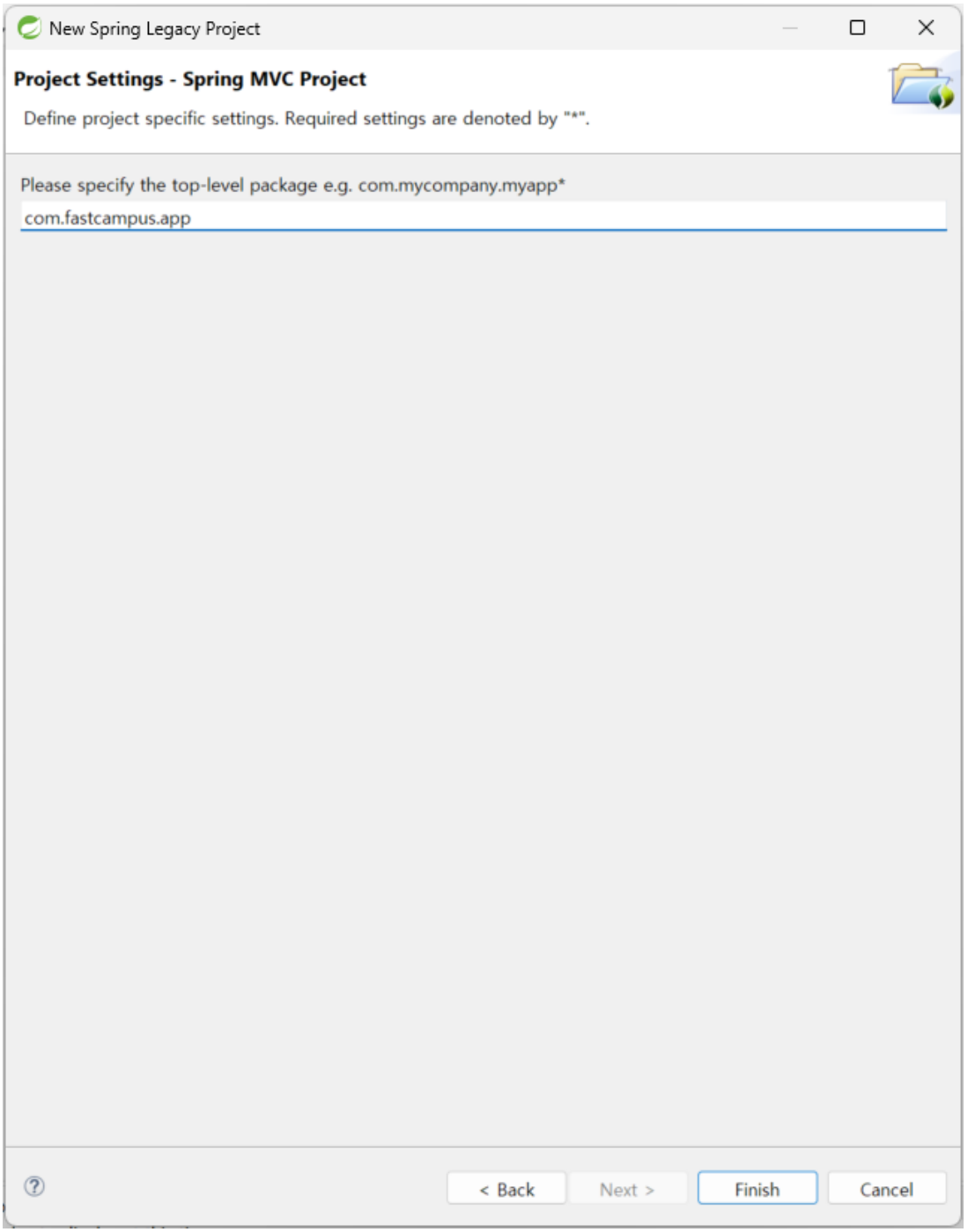

Preferences
type filter text
Template Projects
You can import template projects via New->Spring Template Project.
(Note that templates and descriptors require special packaging.)
name
URL
spring-defaults
https://dist.springsource.com/release/STS/help/descriptors-3.0.xml
Add
Edit
Remove
Show self-hosted templates in New Template Wizard
Restore Defaults
Apply
Apply and Close
Cancel


New Spring Legacy Project
Spring Legacy Project
Enter a project name.
Project name:
Use default location
Location: C:₩Users₩newbi₩Documents₩workspace-sts-3.9.17.RELEASE
Browse...
Select Spring version: Default
Templates:
Simple Projects
Simple Java
Simple Spring Maven
Simple Spring Web Maven
Batch
Persistence
Simple Spring Utility Project
Spring MVC Project
requires downloading
Configure templates...
Refresh
Description:
Working sets
Add project to working sets
New...
Working sets:
Select...
< Back
Next >
Finish
Cancel

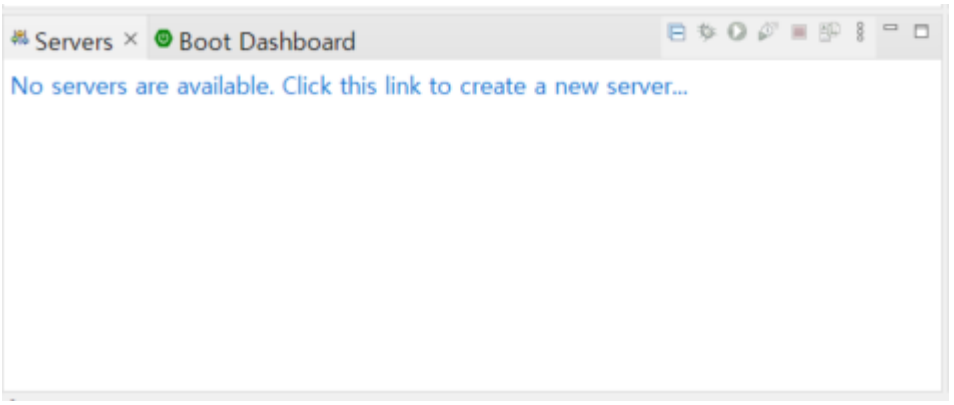

New Spring Legacy Project
Spring Legacy Project
Click 'Next' to load the template contents.
Project name: firstSpring
Use default location
Location: D:₩03. study space₩java₩fastcampus.java_spring.webDevelopmentComprehensive₩s
Browse...
Select Spring version: Default
Templates:
Simple Projects
Simple Java
Simple Spring Maven
Simple Spring Web Maven
Batch
Persistence
Simple Spring Utility Project
Spring MVC Project
requires downloading
Configure templates...
Refresh
Description:
A new Spring MVC web application development project
URL:https://dist.springsource.com/release/STS/help/org.springframework.templates.mvc-3.2.2.zip
Working sets
Add project to working sets
New...
Working sets:
Select...
< Back
Next >
Finish
Cancel

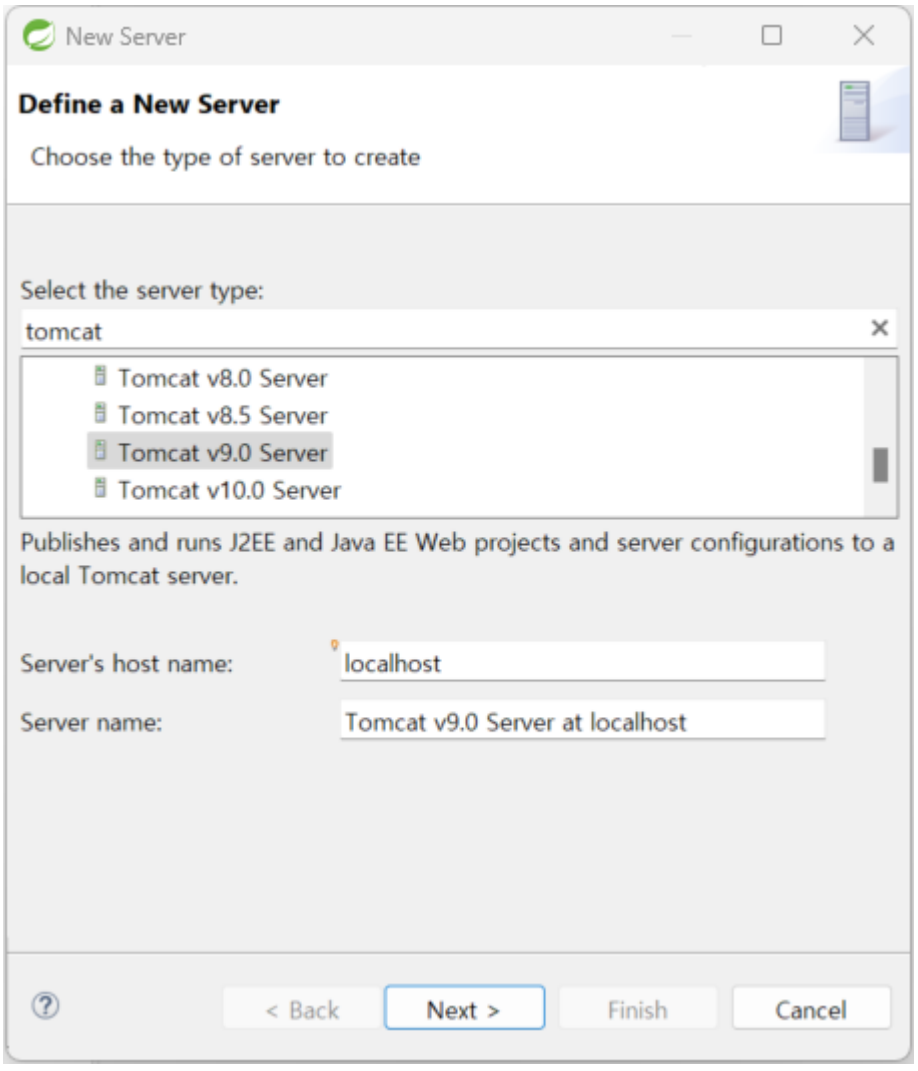

Import
Spring MVC Project requires a download of 16608 bytes.
Proceed?
Yes
No

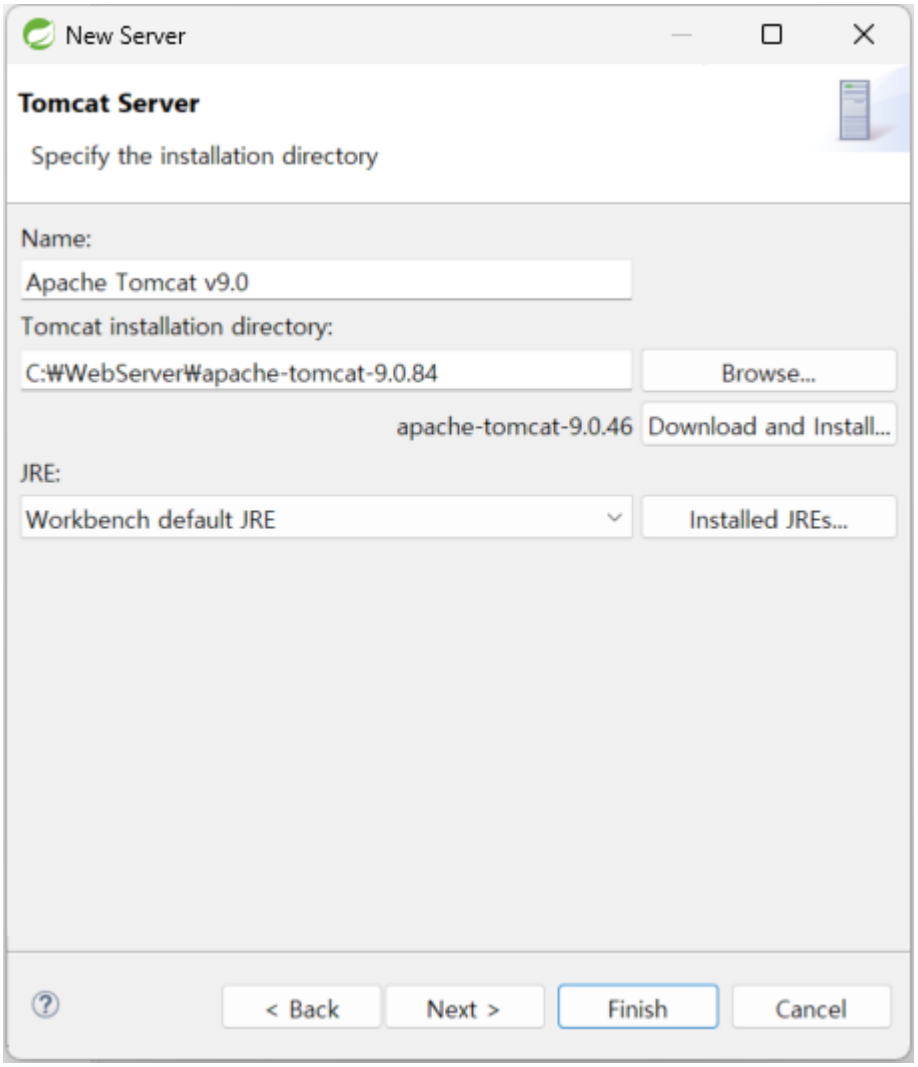
- 패키지 구조를 정해주는 화면
    - 보통 사이트의 도메인을 거꾸로 적어줍니다.

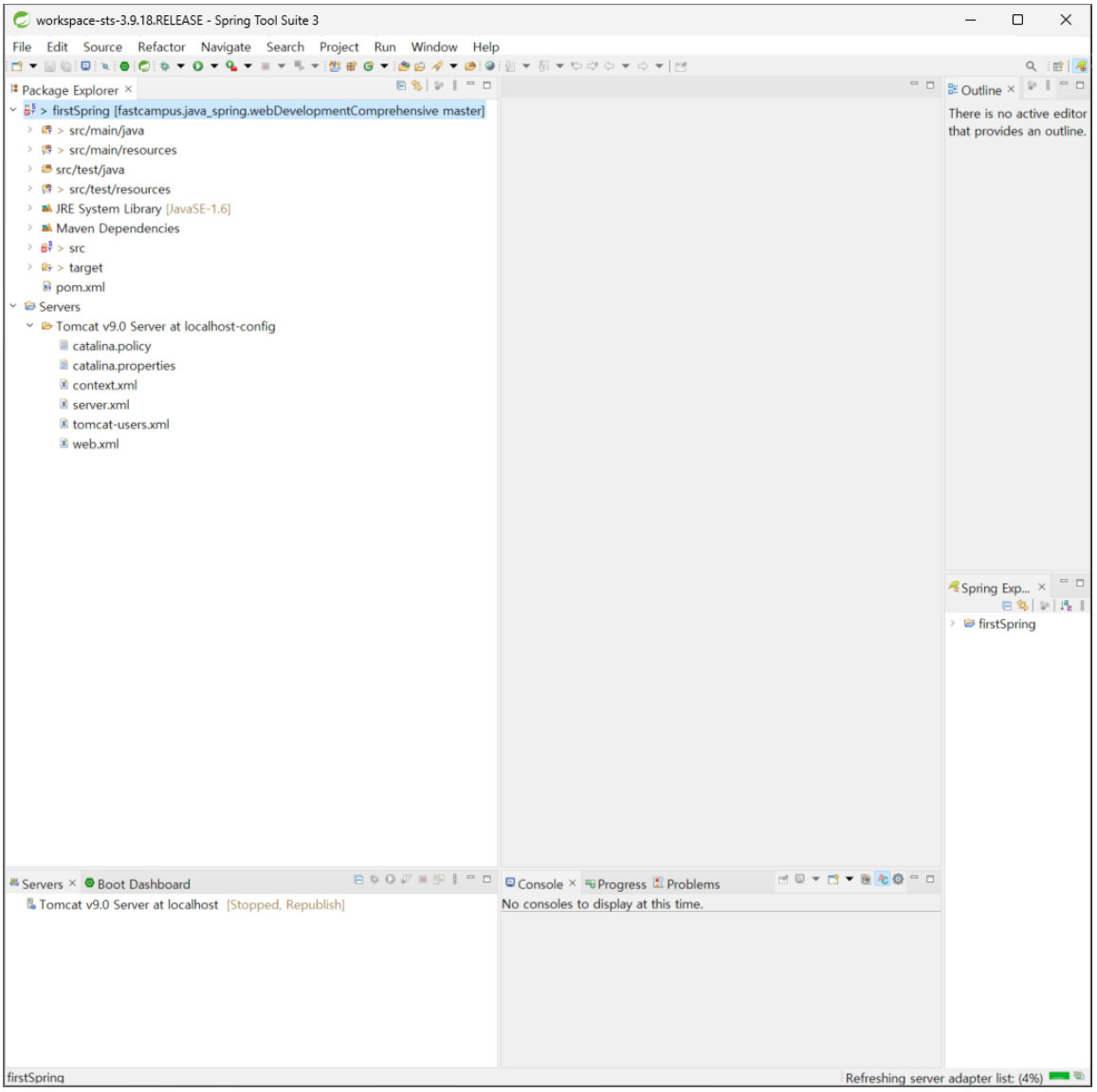


▼ Web Server (Tomcat) 연동

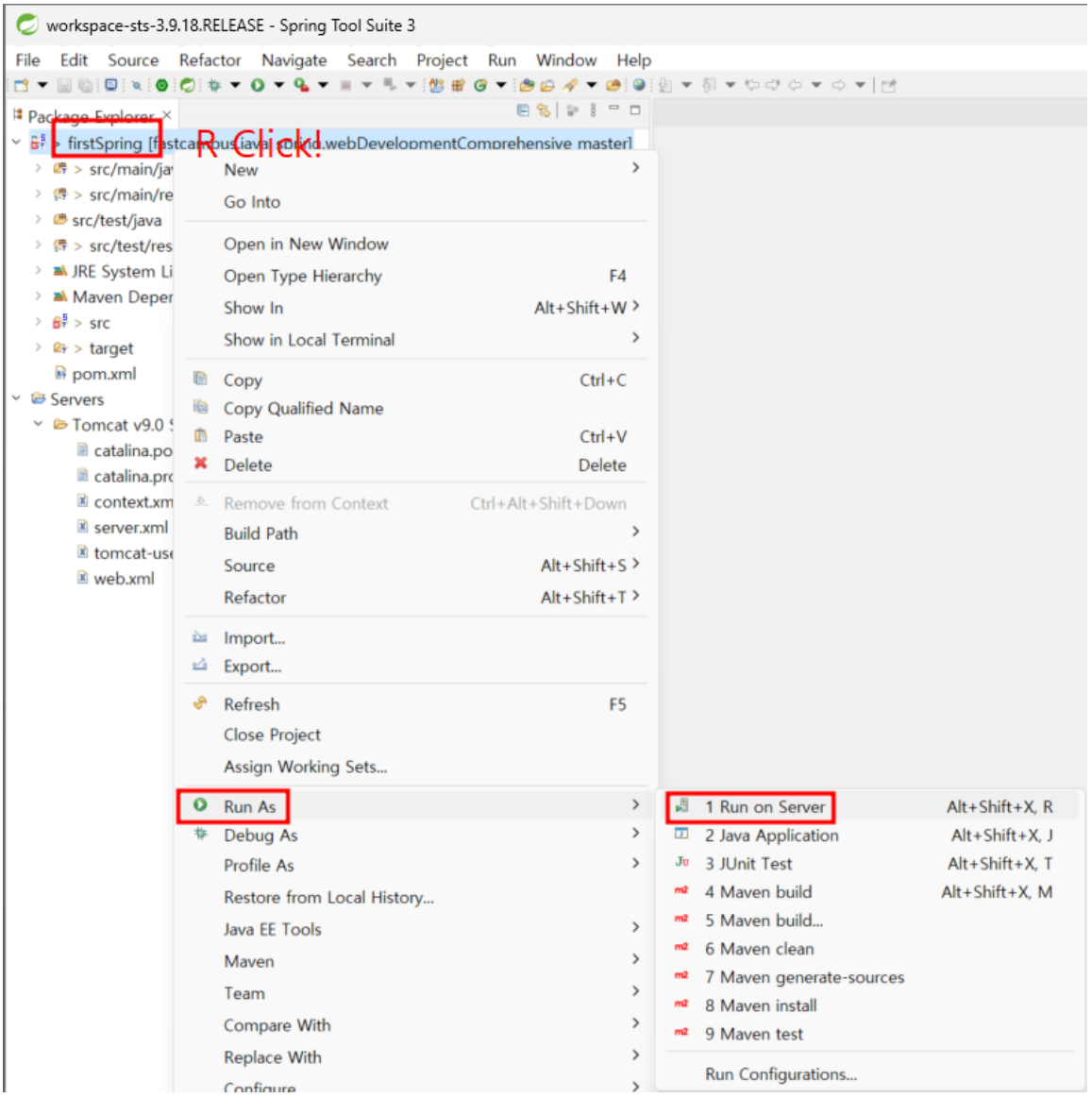

Servers
Boot Dashboard
No servers are available. Click this link to create a new server...

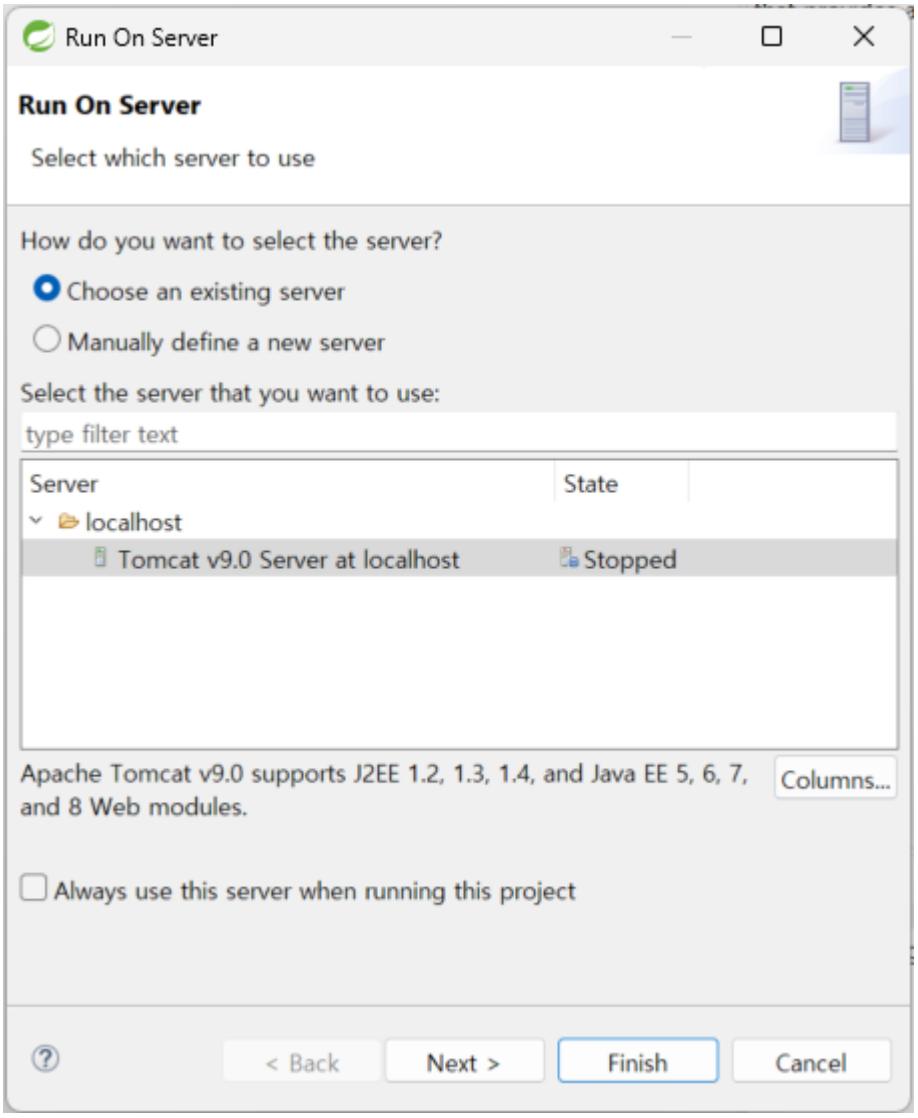

New Server
Define a New Server
Choose the type of server to create
Select the server type:
tomcat
Tomcat v8.0 Server
Tomcat v8.5 Server
Tomcat v9.0 Server
Tomcat v10.0 Server
Publishes and runs J2EE and Java EE Web projects and server configurations to a local Tomcat server.
Server's host name:
localhost
Server name:
Tomcat v9.0 Server at localhost
< Back
Next >
Finish
Cancel

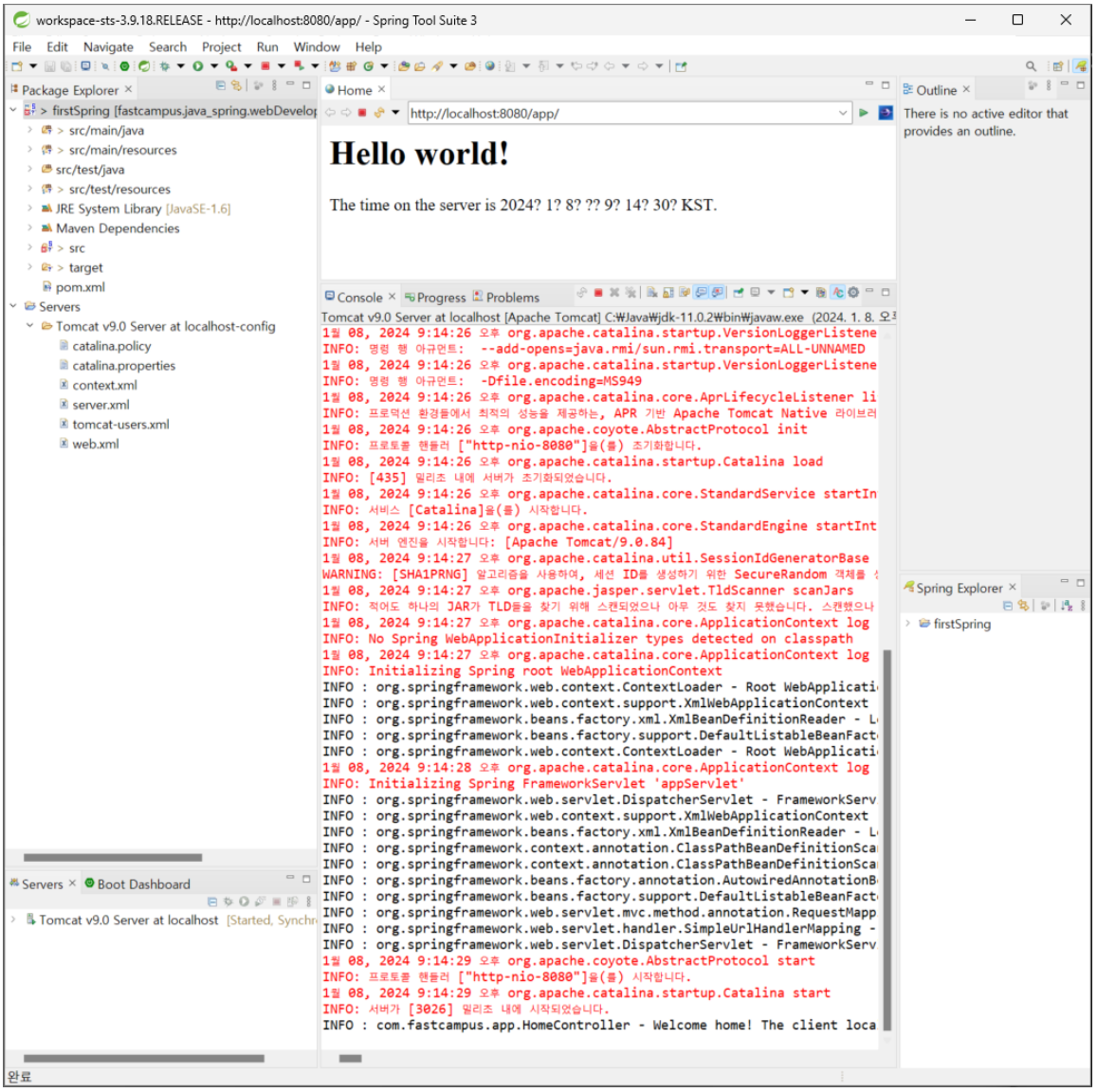

New Server
Tomcat Server
Specify the installation directory
Name:
Apache Tomcat v9.0
Tomcat installation directory:
C:₩WebServer₩apache-tomcat-9.0.84
Browse...
apache-tomcat-9.0.46
Download and Install...
JRE:
Workbench default JRE
Installed JREs...
< Back
Next >
Finish
Cancel



▼ Run On Server

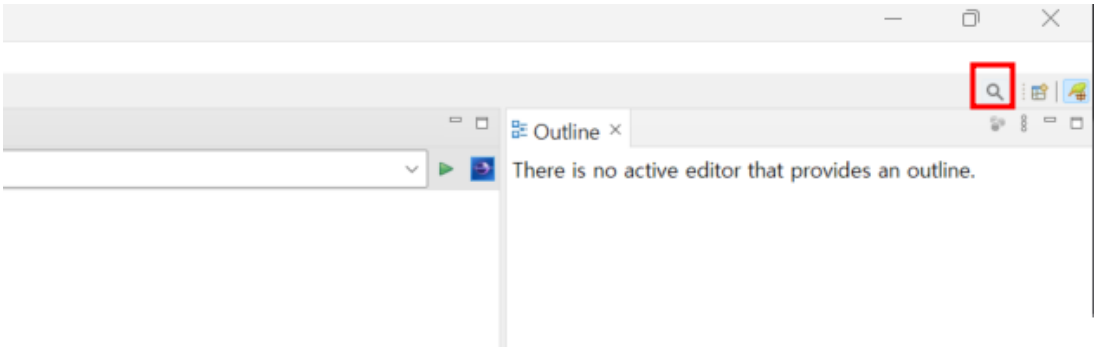

workspace-sts-3.9.18.RELEASE - Spring Tool Suite 3
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
firstSpring
R Click!
src/main/ja
src/main/re
src/test/java
src/test/res
JRE System Li
Maven Deper
src
target
pom.xml
Servers
Tomcat v9.0
catalina.po
catalina.pro
context.xm
server.xml
tomcat-use
web.xml
New
Go Into
Open in New Window
Open Type Hierarchy F4
Show In Alt+Shift+W
Show in Local Terminal
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Delete Delete
Remove from Context Ctrl+Alt+Shift+Down
Build Path
Source Alt+Shift+S
Refactor Alt+Shift+T
Import...
Export...
Refresh F5
Close Project
Assign Working Sets...
Run As
Debug As
Profile As
Restore from Local History...
Java EE Tools
Maven
Team
Compare With
Replace With
Configure
1 Run on Server Alt+Shift+X, R
2 Java Application Alt+Shift+X, J
3 JUnit Test Alt+Shift+X, T
4 Maven build Alt+Shift+X, M
5 Maven build...
6 Maven clean
7 Maven generate-sources
8 Maven install
9 Maven test
Run Configurations...


Run On Server
Run On Server
Select which server to use
How do you want to select the server?
Choose an existing server
Manually define a new server
Select the server that you want to use:
type filter text
Server
State
localhost
Tomcat v9.0 Server at localhost
Stopped
Apache Tomcat v9.0 supports J2EE 1.2, 1.3, 1.4, and Java EE 5, 6, 7, and 8 Web modules.
Columns...
Always use this server when running this project
< Back
Next >
Finish
Cancel

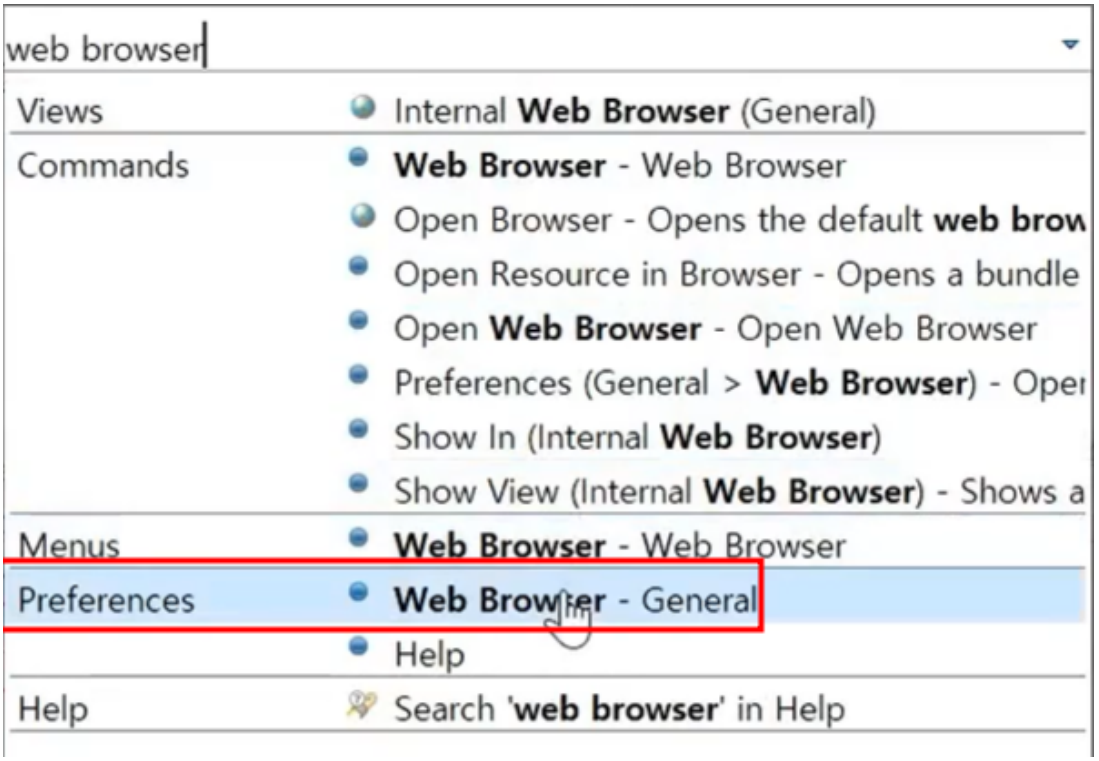


▼ STS 내부 브라우저는 한계가 있다.

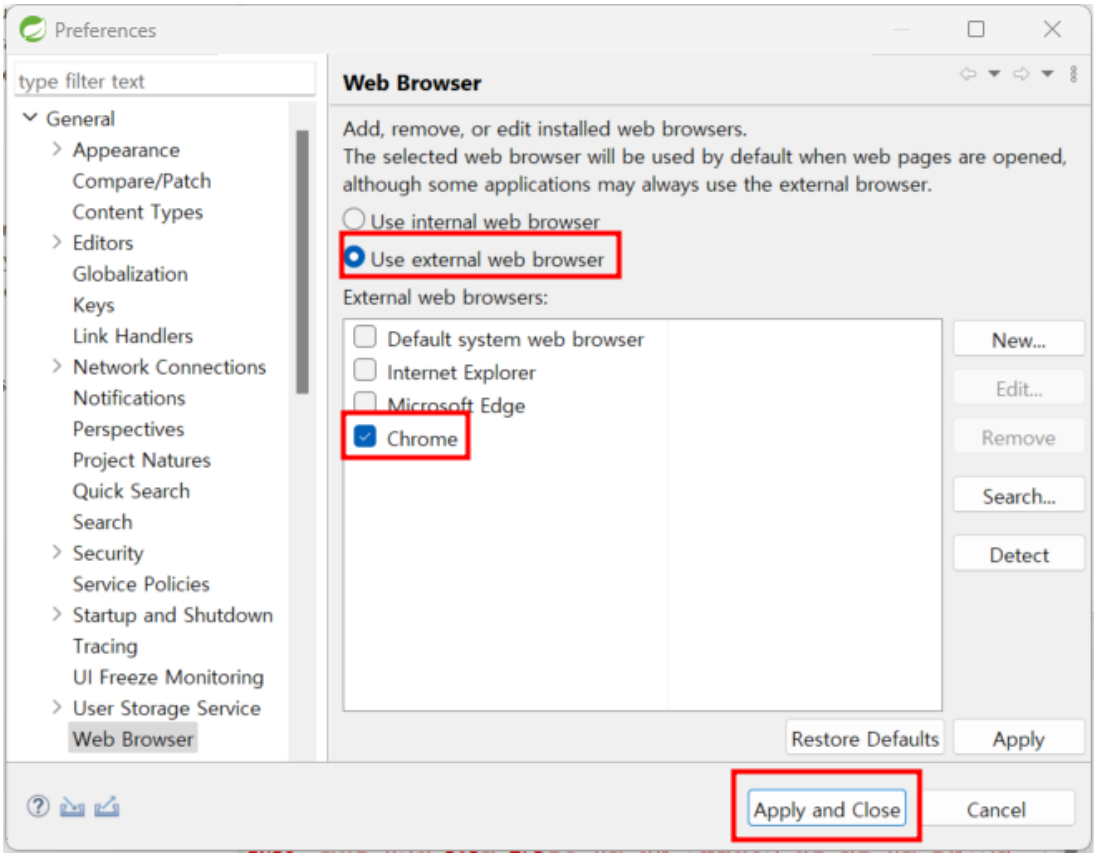
- Access commends and other items

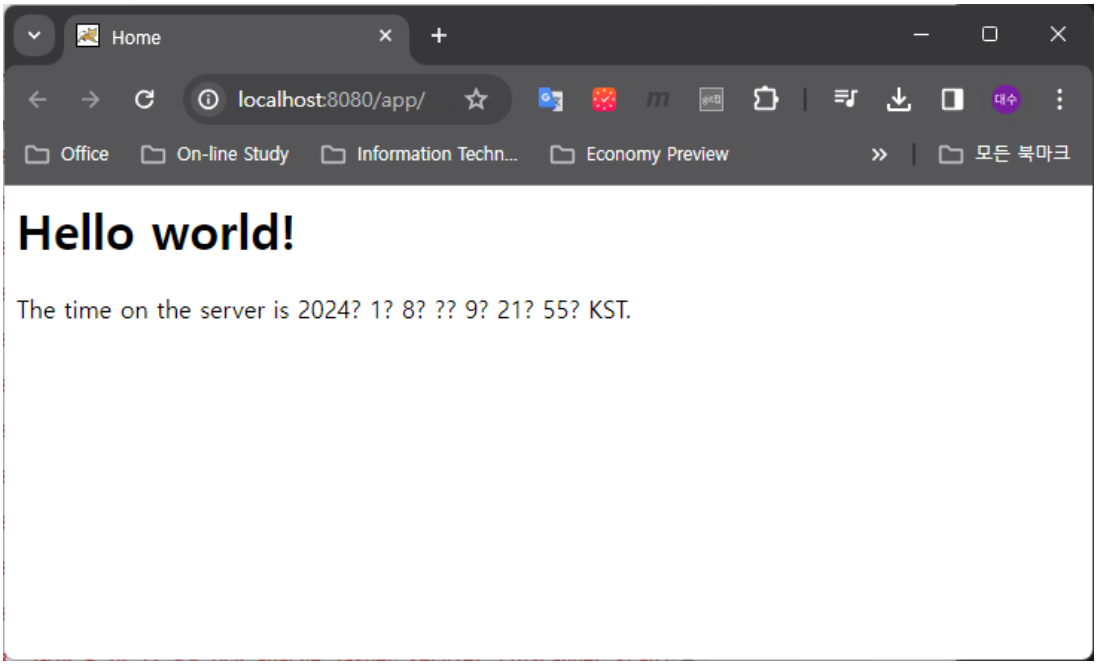


- web broser → Preferences → Web Browser



- General → Web Browser → Chrome




Home
localhost:8080/app/
Office
On-line Study
Information Techn...
Economy Preview
모든 북마크
Hello world!
The time on the server is 2024? 1? 8? ?? 9? 21? 55? KST.