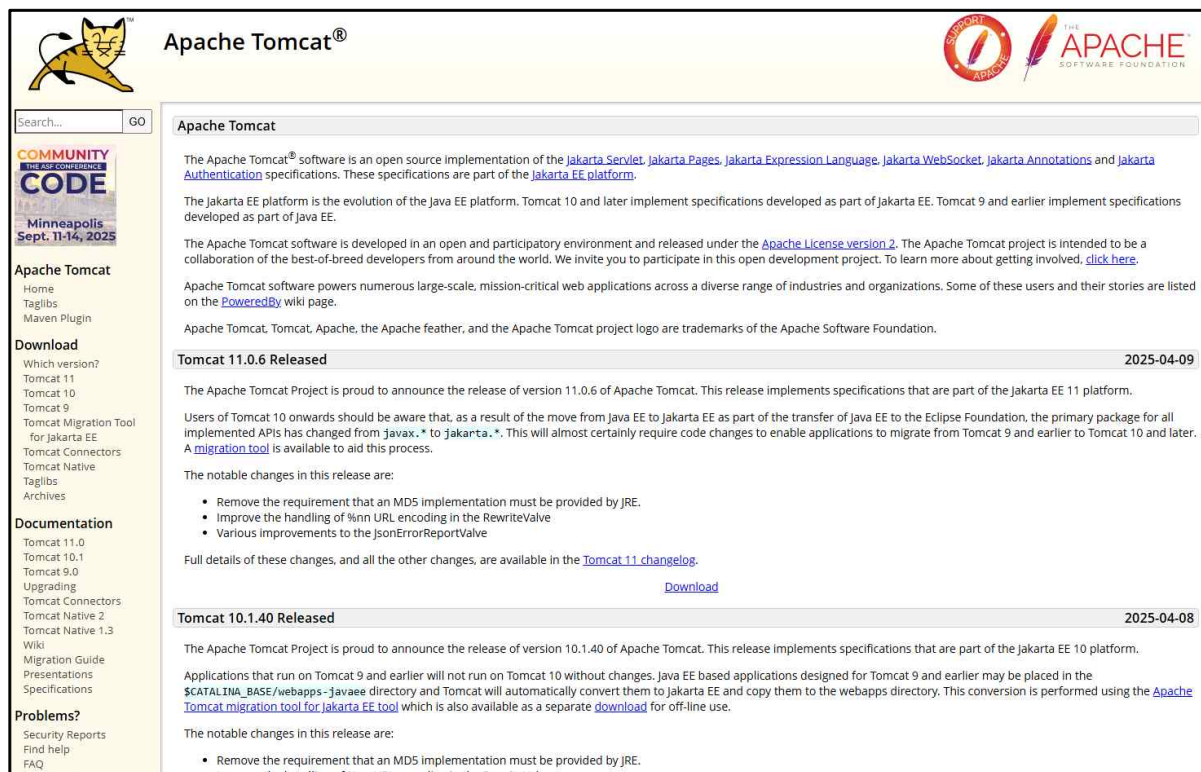


1. 톰캣 홈페이지 접속 <https://tomcat.apache.org/>



Apache Tomcat

The Apache Tomcat® software is an open source implementation of the [Jakarta Servlet](#), [Jakarta Pages](#), [Jakarta Expression Language](#), [Jakarta WebSocket](#), [Jakarta Annotations](#) and [Jakarta Authentication](#) specifications. These specifications are part of the [Jakarta EE platform](#).

The Jakarta EE platform is the evolution of the Java EE platform, Tomcat 10 and later implement specifications developed as part of Jakarta EE. Tomcat 9 and earlier implement specifications developed as part of Java EE.

The Apache Tomcat software is developed in an open and participatory environment and released under the [Apache License version 2](#). The Apache Tomcat project is intended to be a collaboration of the best-of-breed developers from around the world. We invite you to participate in this open development project. To learn more about getting involved, [click here](#).

Apache Tomcat software powers numerous large-scale, mission-critical web applications across a diverse range of industries and organizations. Some of these users and their stories are listed on the [PoweredBy](#) wiki page.

Apache Tomcat, Tomcat, Apache, the Apache feather, and the Apache Tomcat project logo are trademarks of the Apache Software Foundation.

Tomcat 11.0.6 Released 2025-04-09

The Apache Tomcat Project is proud to announce the release of version 11.0.6 of Apache Tomcat. This release implements specifications that are part of the Jakarta EE 11 platform.

Users of Tomcat 10 onwards should be aware that, as a result of the move from Java EE to Jakarta EE as part of the transfer of Java EE to the Eclipse Foundation, the primary package for all implemented APIs has changed from `javax.*` to `jakarta.*`. This will almost certainly require code changes to enable applications to migrate from Tomcat 9 and earlier to Tomcat 10 and later. A [migration tool](#) is available to aid this process.

The notable changes in this release are:

- Remove the requirement that an MD5 implementation must be provided by JRE.
- Improve the handling of %nn URL encoding in the RewriteValve
- Various improvements to the JsonErrorReportValve

Full details of these changes, and all the other changes, are available in the [Tomcat 11 changelog](#).

[Download](#)

Tomcat 10.1.40 Released 2025-04-08

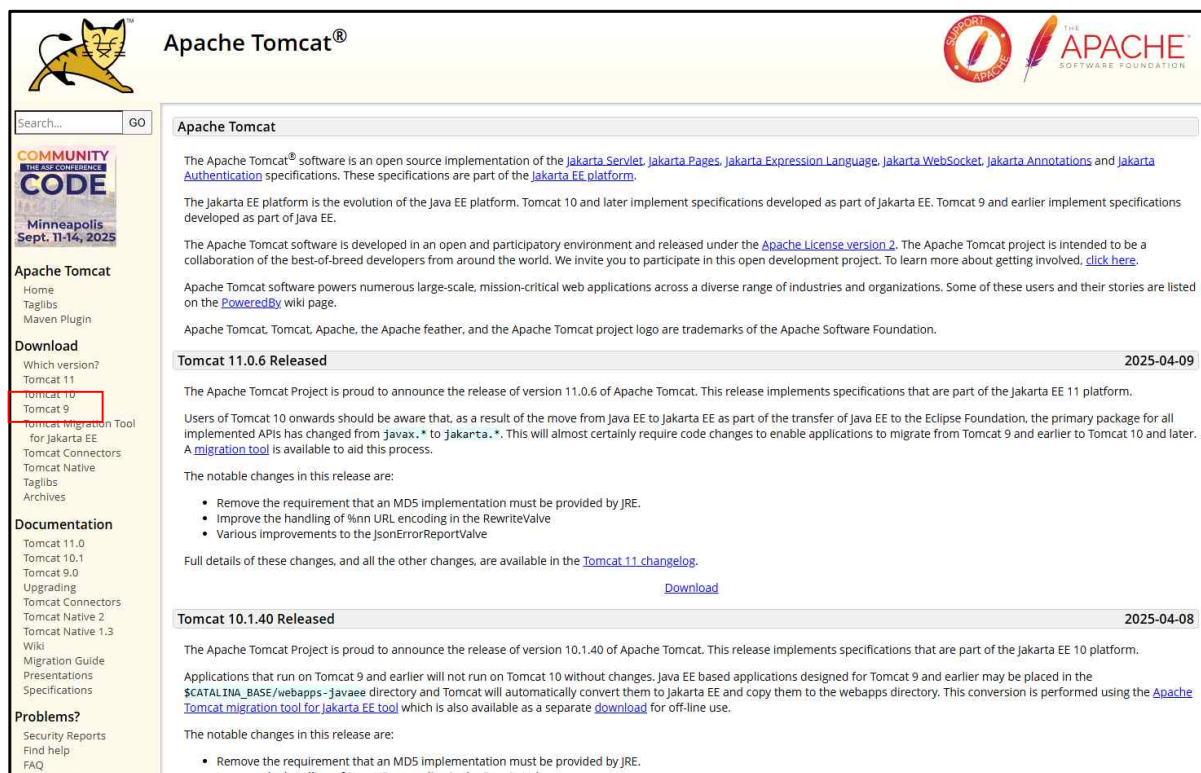
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Applications that run on Tomcat 9 and earlier will not run on Tomcat 10 without changes. Java EE based applications designed for Tomcat 9 and earlier may be placed in the `$CATALINA_BASE/webapps-javaee` directory and Tomcat will automatically convert them to Jakarta EE and copy them to the `webapps` directory. This conversion is performed using the [Apache Tomcat migration tool for Jakarta EE tool](#) which is also available as a separate [download](#) for off-line use.

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2. 다운로드 - 톰캣 version 클릭



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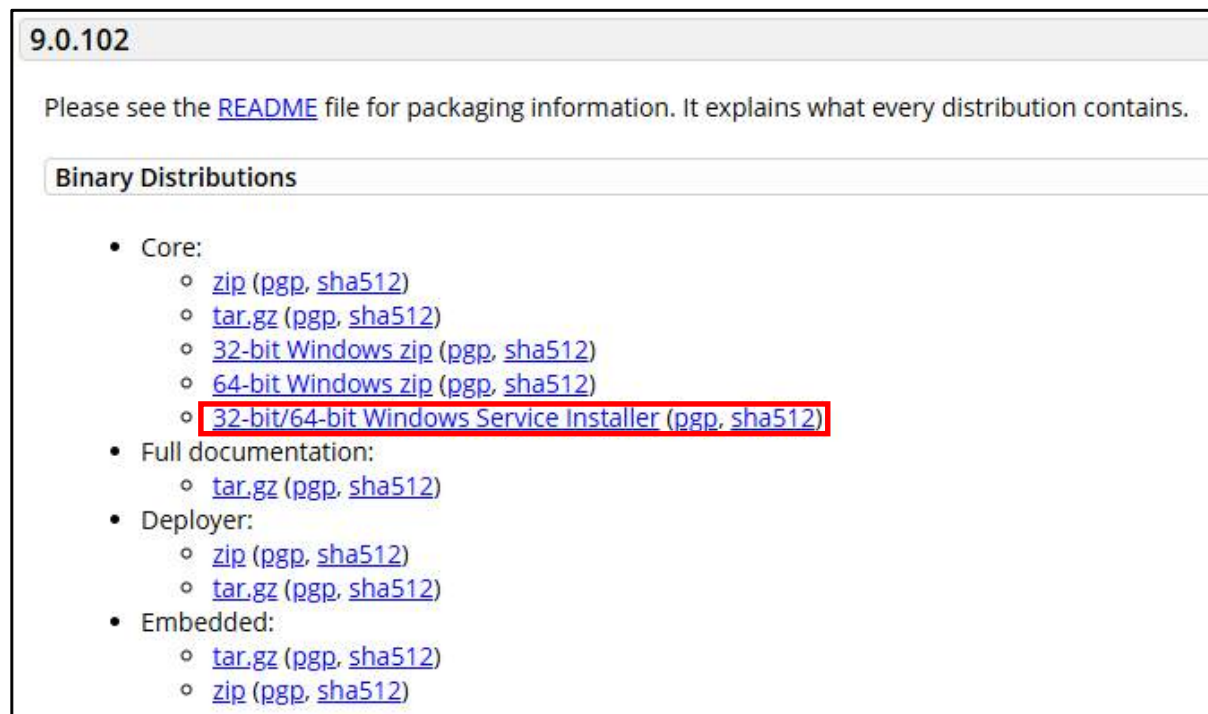
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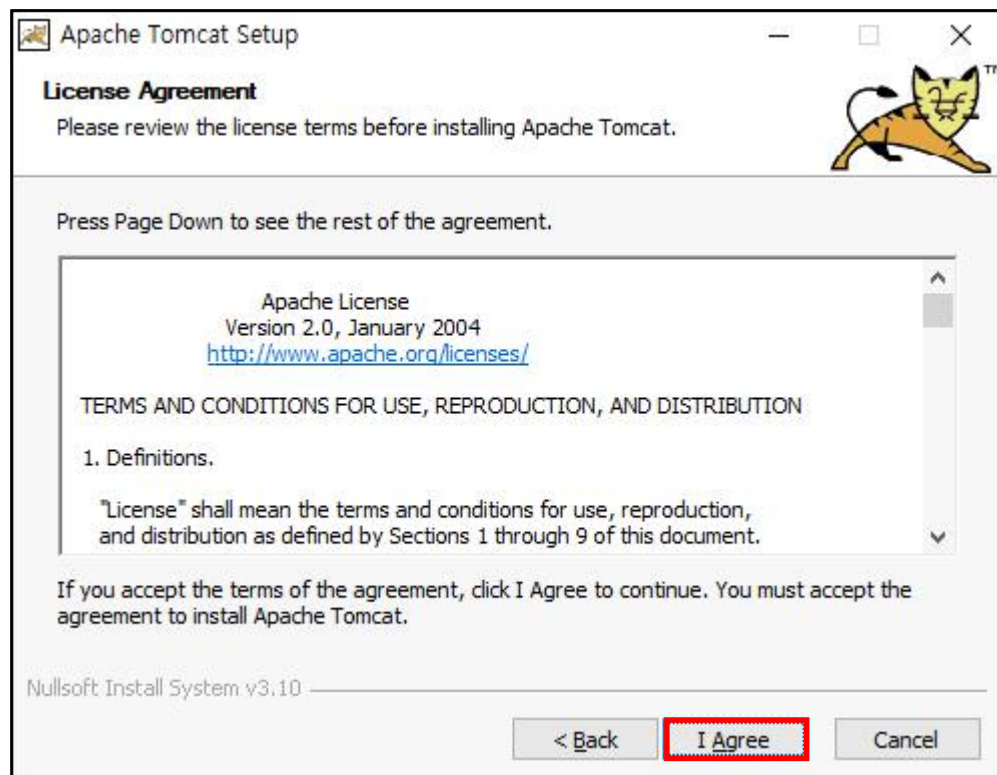
The notable changes in this release are:

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- Improve the handling of %nn URL encoding in the RewriteValve

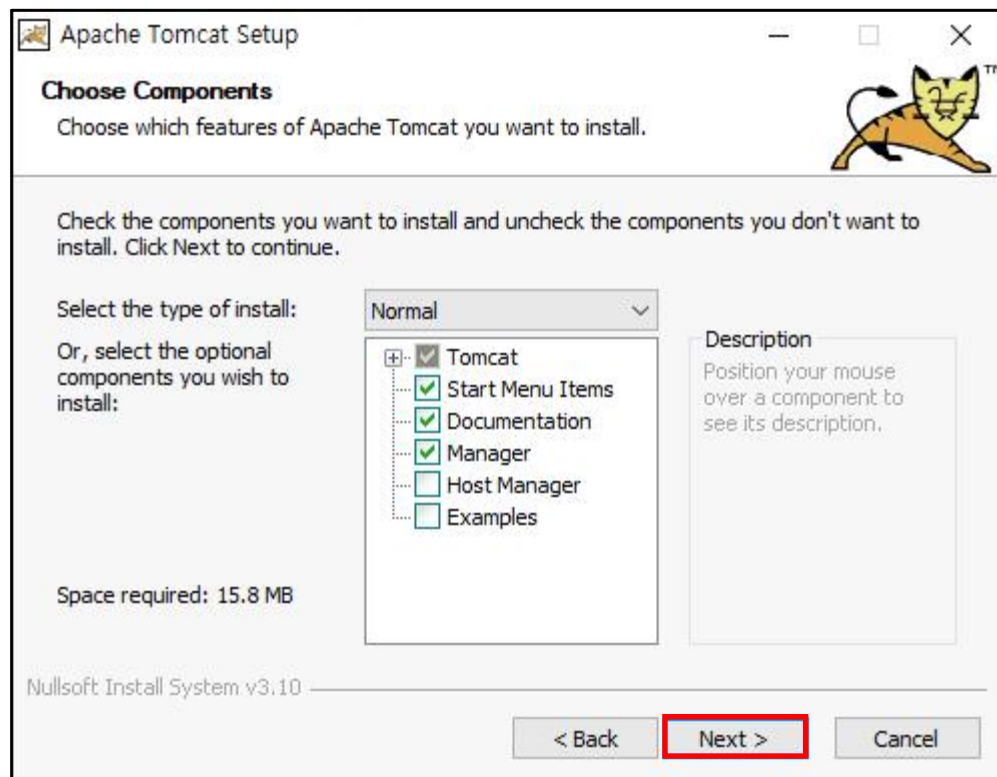
3. Installer 클릭



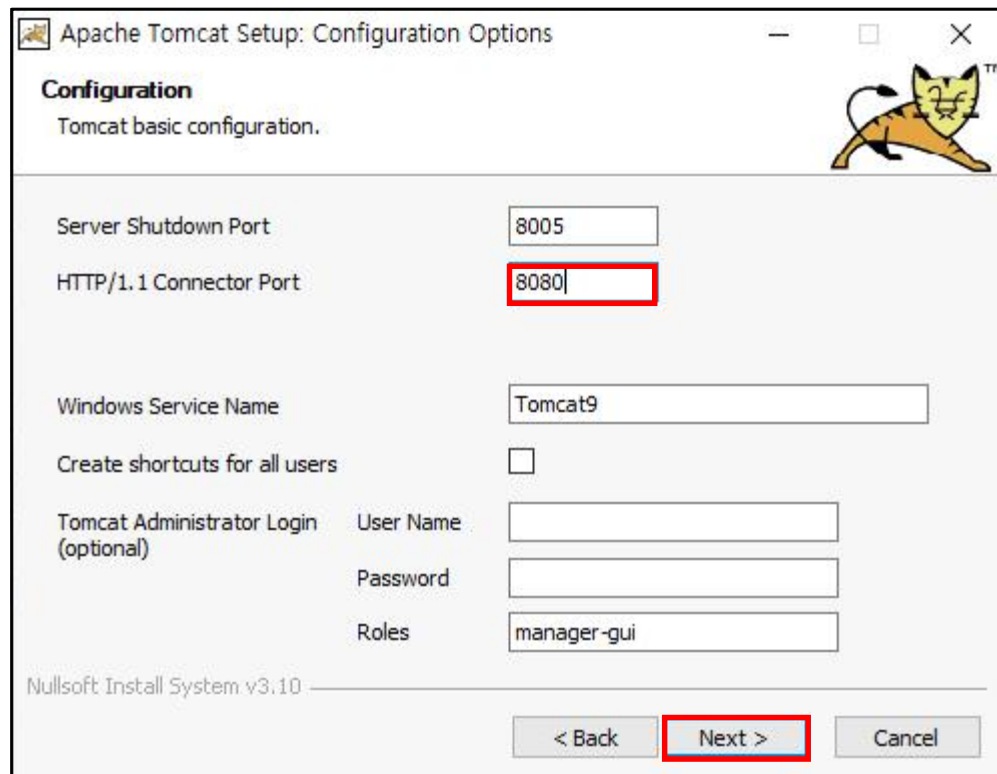
4. I Agree 클릭



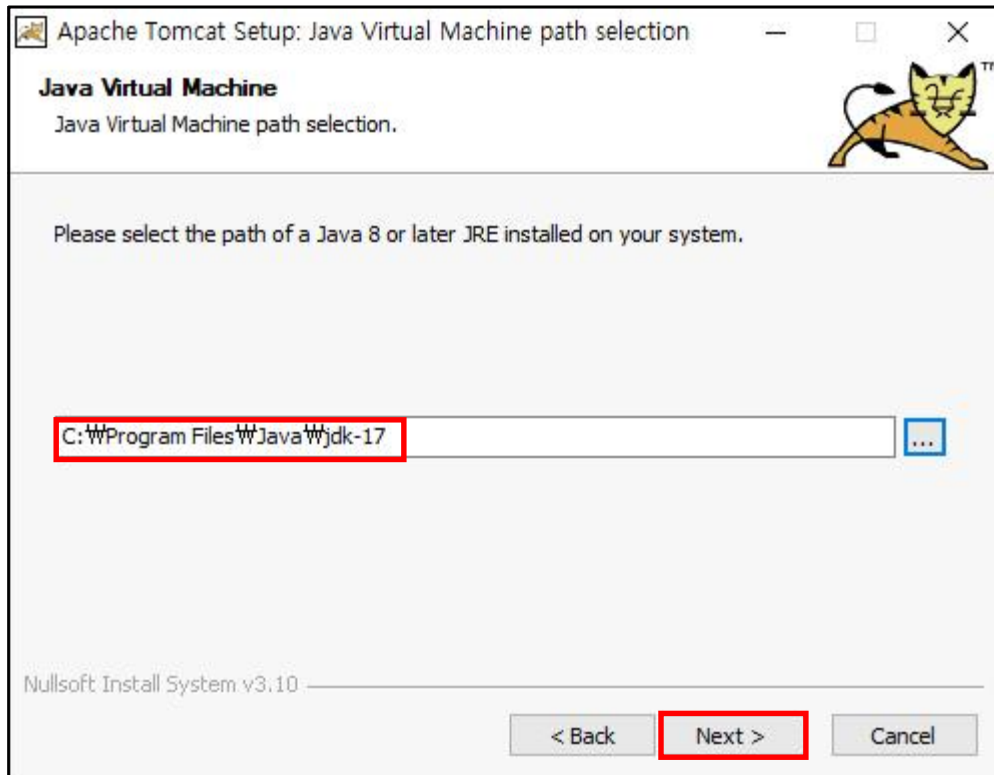
5. Next 클릭



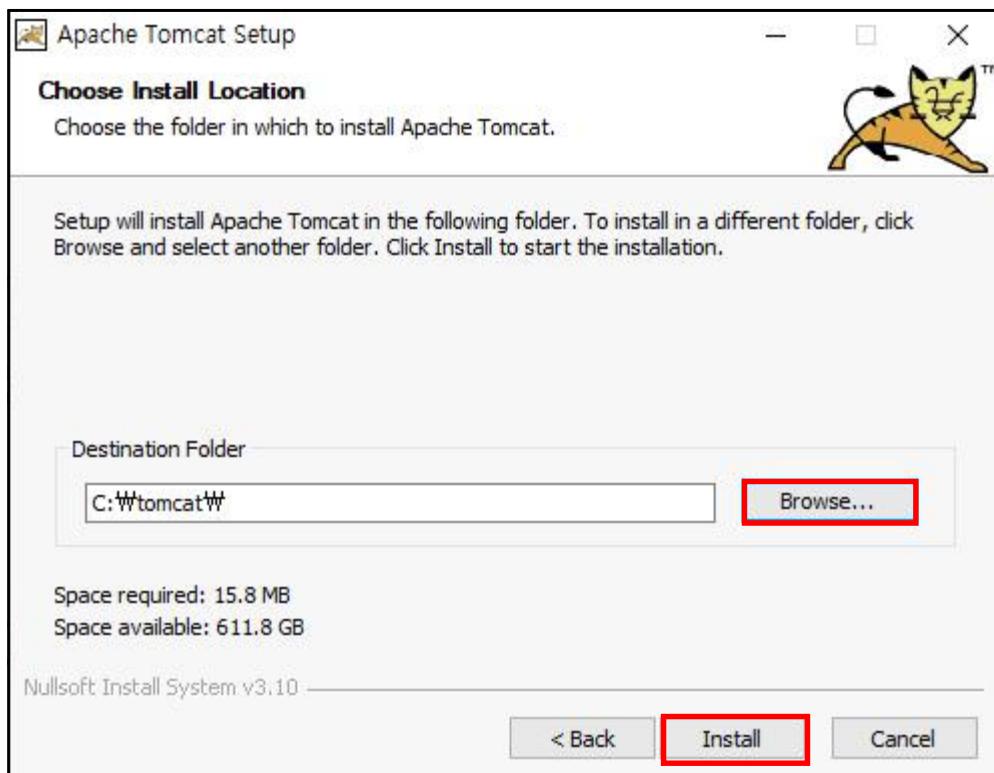
6. HTTP/1.1 칸에 임의의 포트 번호 입력 후 Next 클릭

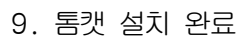


7. 자바 경로 설정 후 Next 클릭

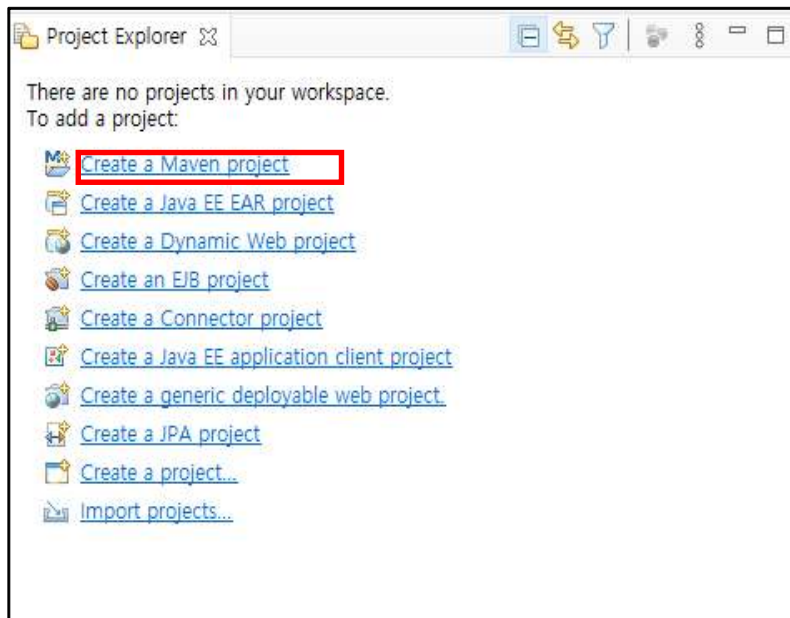


8. 다운로드 폴더 경로 설정 후 Install 클릭

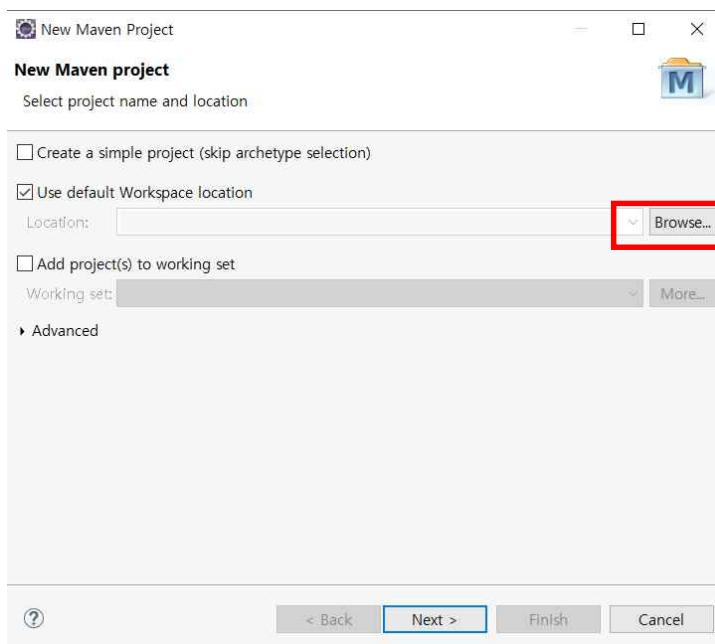




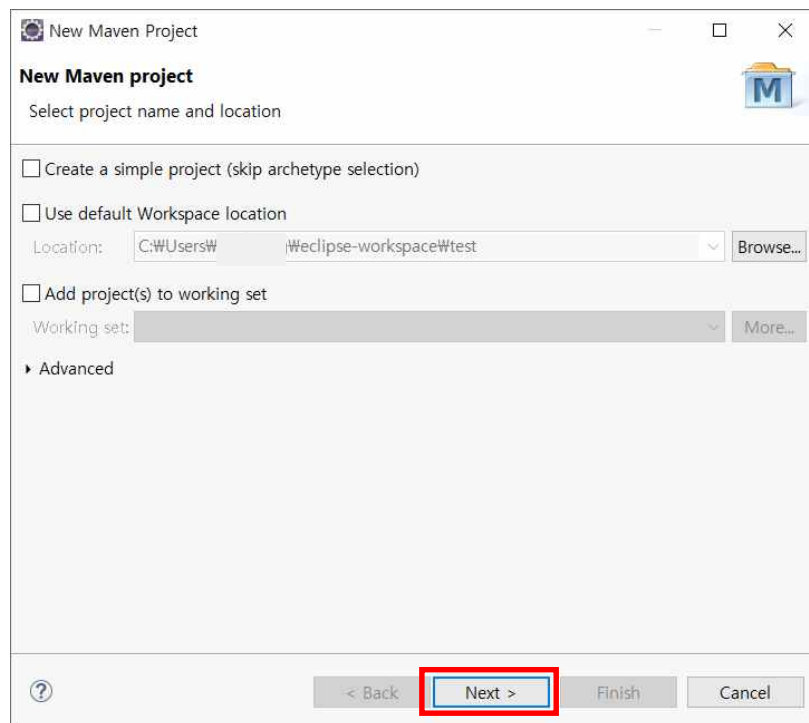
11. Create a Maven project 클릭



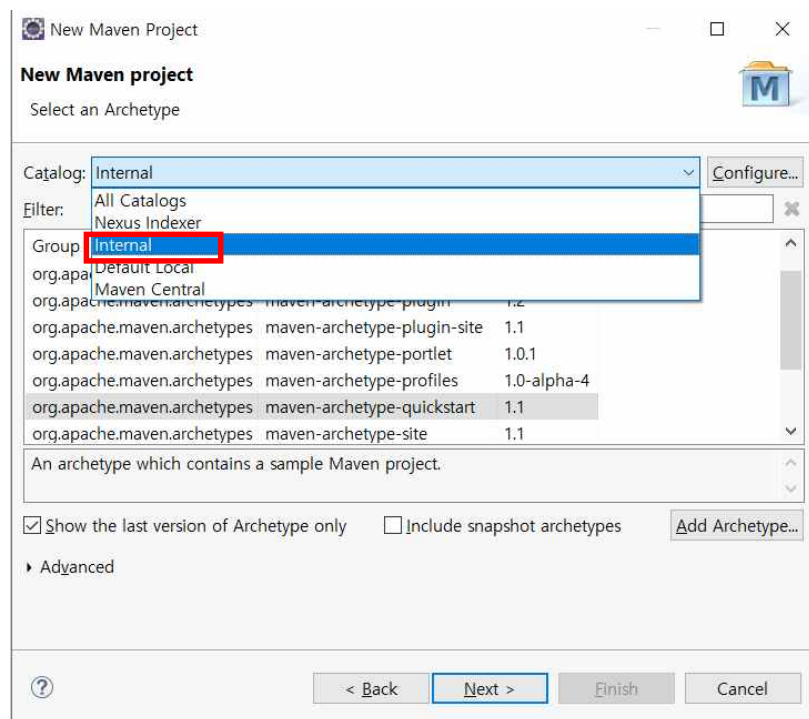
12. Browse 클릭



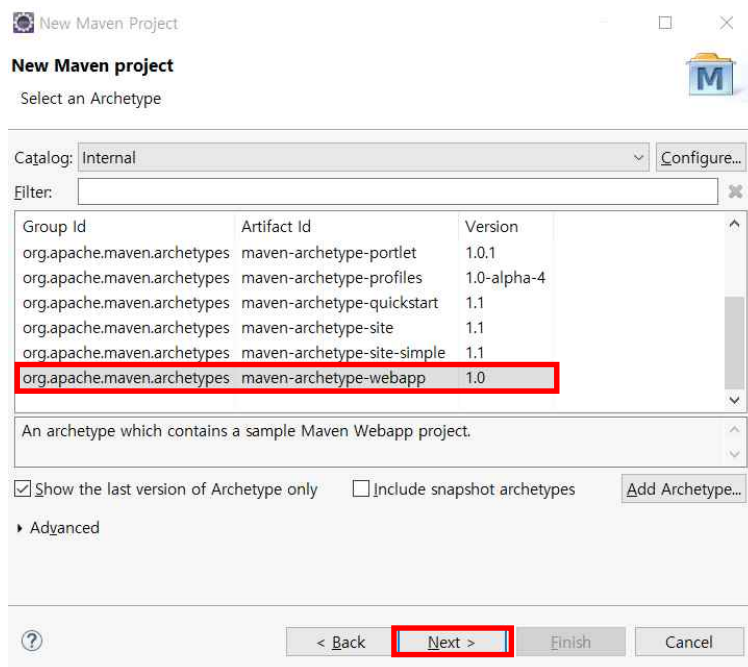
13. 경로 선택 후 Next



14. Internal 선택



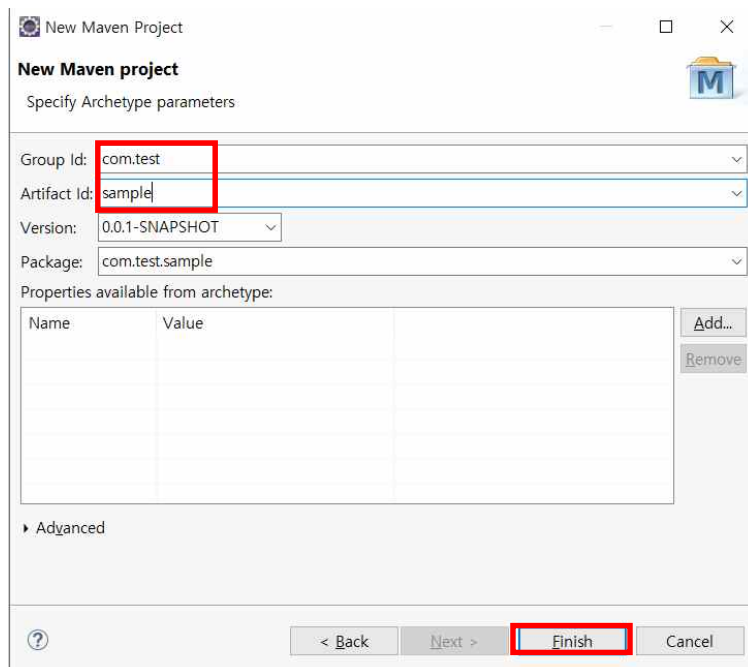
15. org.apache.maven.archetypes / maven-archetype-webapp 선택 -Next



The 'New Maven Project' dialog box is shown with the 'Select an Archetype' step. The 'Catalog' is set to 'Internal'. A list of archetypes is displayed, with 'org.apache.maven.archetypes maven-archetype-webapp 1.0' highlighted in red. Below the list, there is a description: 'An archetype which contains a sample Maven Webapp project.' At the bottom, the 'Next >' button is highlighted in red.

| Group Id | Artifact Id | Version |
|-----------------------------|-----------------------------|-------------|
| org.apache.maven.archetypes | maven-archetype-portlet | 1.0.1 |
| org.apache.maven.archetypes | maven-archetype-profiles | 1.0-alpha-4 |
| org.apache.maven.archetypes | maven-archetype-quickstart | 1.1 |
| org.apache.maven.archetypes | maven-archetype-site | 1.1 |
| org.apache.maven.archetypes | maven-archetype-site-simple | 1.1 |
| org.apache.maven.archetypes | maven-archetype-webapp | 1.0 |

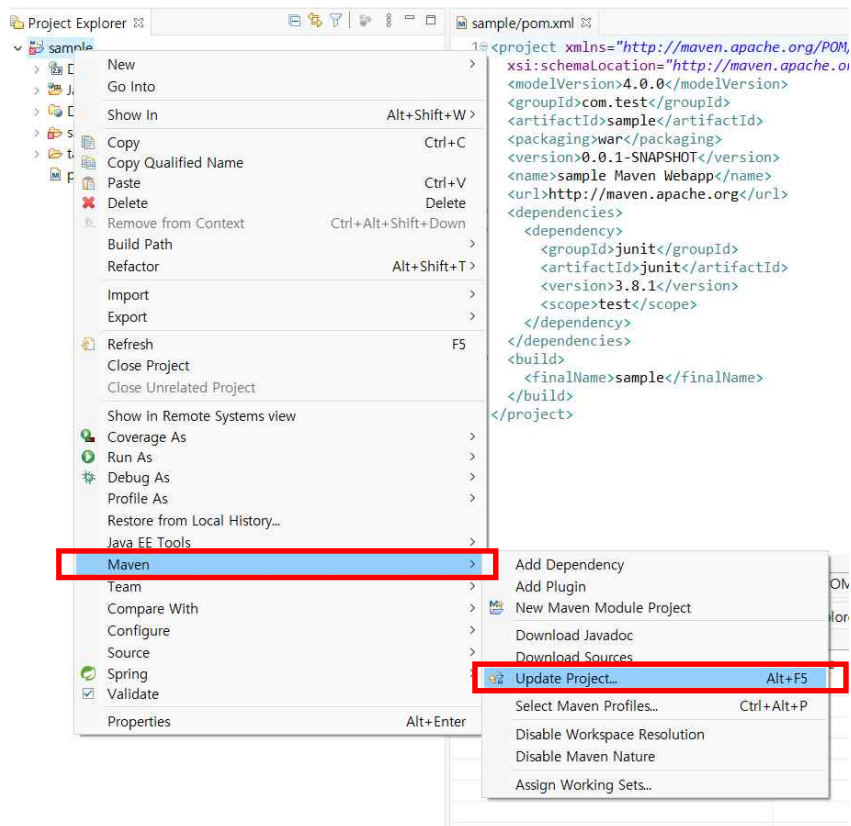
16. Group Id, Artifact Id 입력 후 Finish



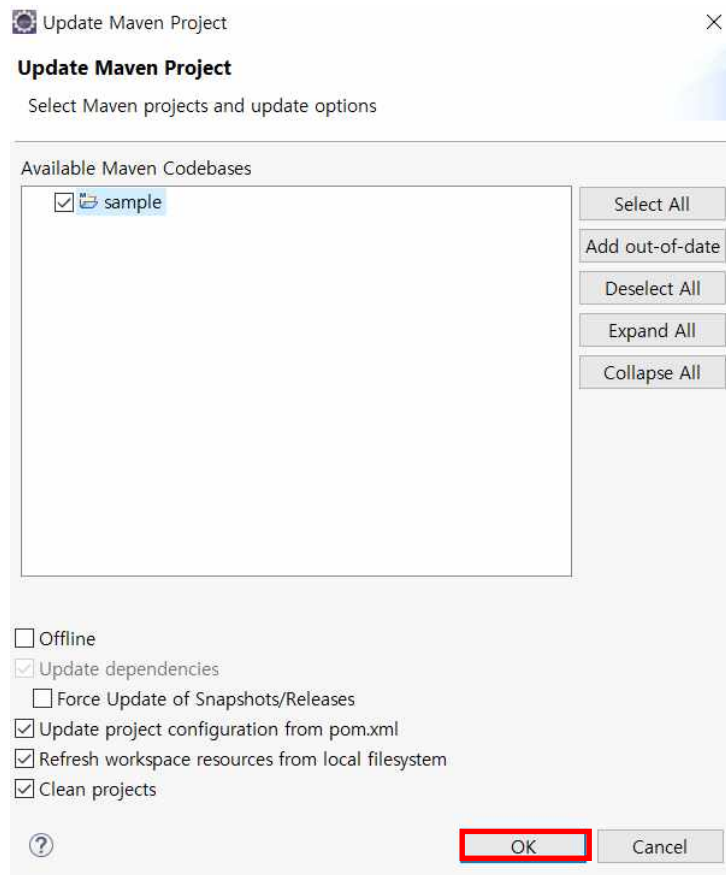
The 'New Maven Project' dialog box is shown with the 'Specify Archetype parameters' step. The 'Group Id' is set to 'com.test' and the 'Artifact Id' is set to 'sample', both highlighted in red. The 'Version' is set to '0.0.1-SNAPSHOT' and the 'Package' is set to 'com.test.sample'. Below these fields, there is a table for 'Properties available from archetype:' with columns 'Name' and 'Value'. At the bottom, the 'Finish' button is highlighted in red.

| Name | Value |
|------|-------|
| | |
| | |
| | |
| | |
| | |

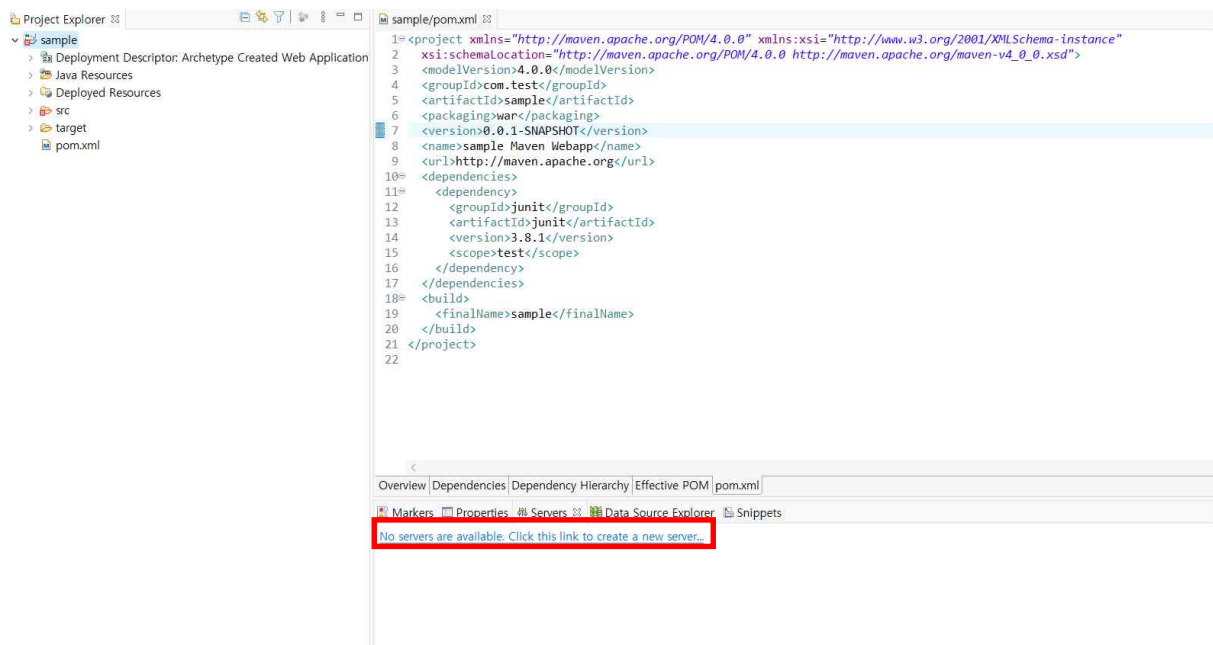
17. 프로젝트 우클릭 - Maven - Update Project



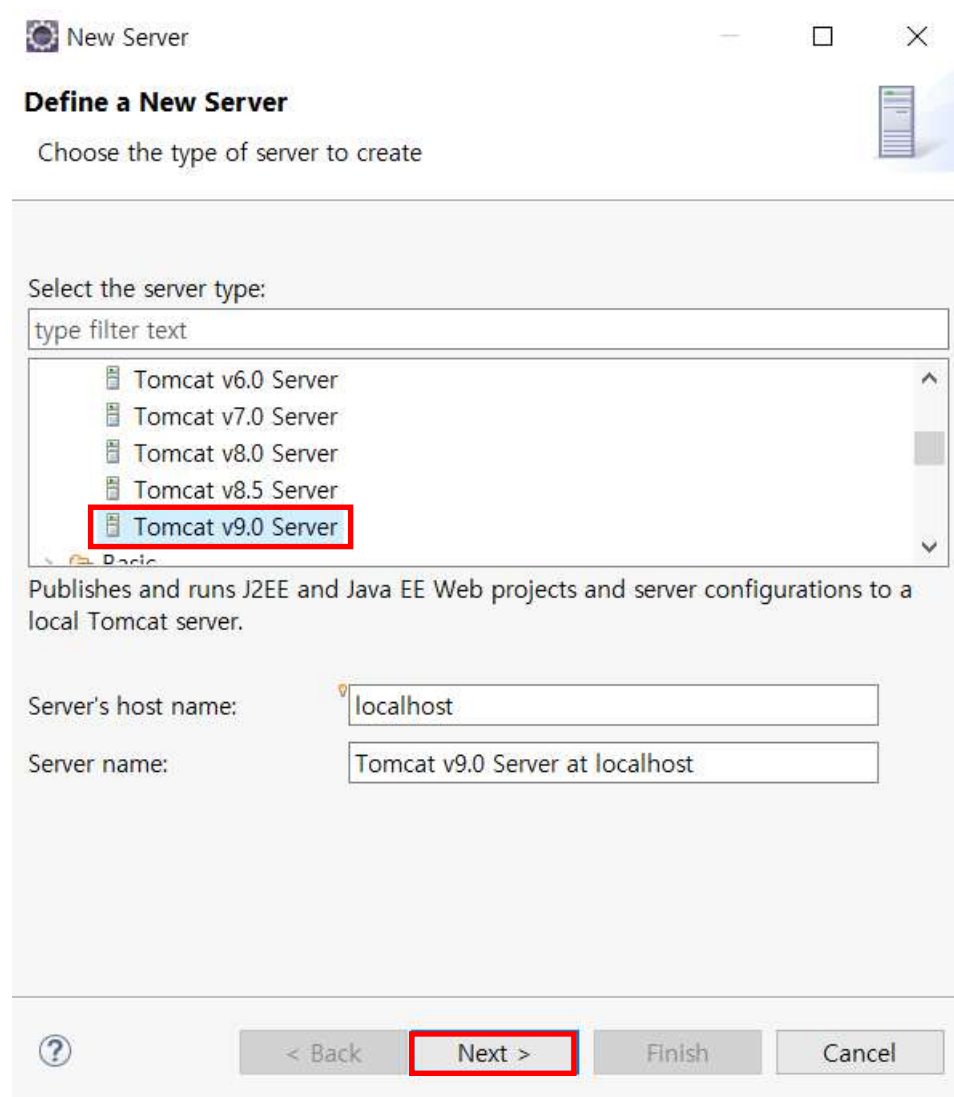
18. Ok 클릭



19. Servers – Click this link to create a new server 클릭



20. Tomcat 버전 클릭 -Next



New Server

Define a New Server

Choose the type of server to create

Select the server type:

type filter text

- Tomcat v6.0 Server
- Tomcat v7.0 Server
- Tomcat v8.0 Server
- Tomcat v8.5 Server
- Tomcat v9.0 Server**

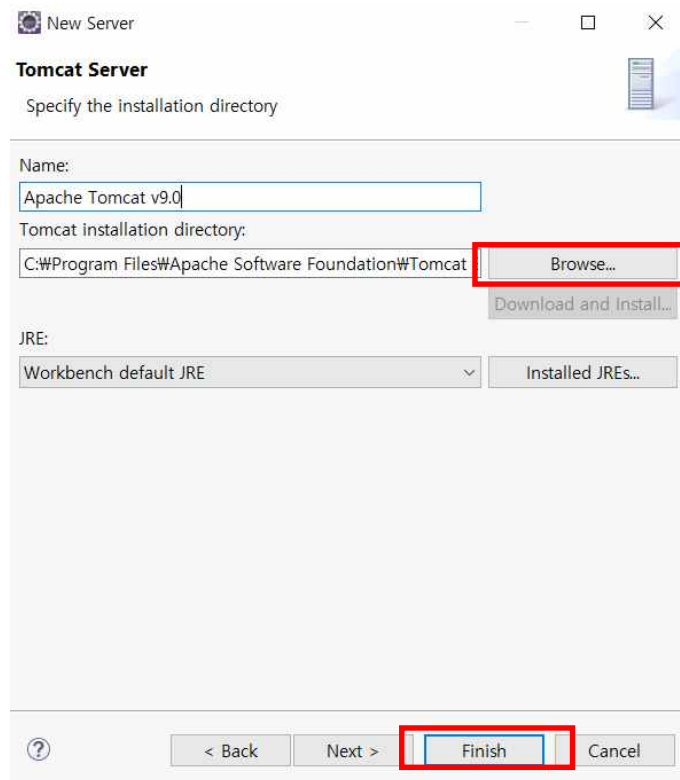
Publishes and runs J2EE and Java EE Web projects and server configurations to a local Tomcat server.

Server's host name: localhost

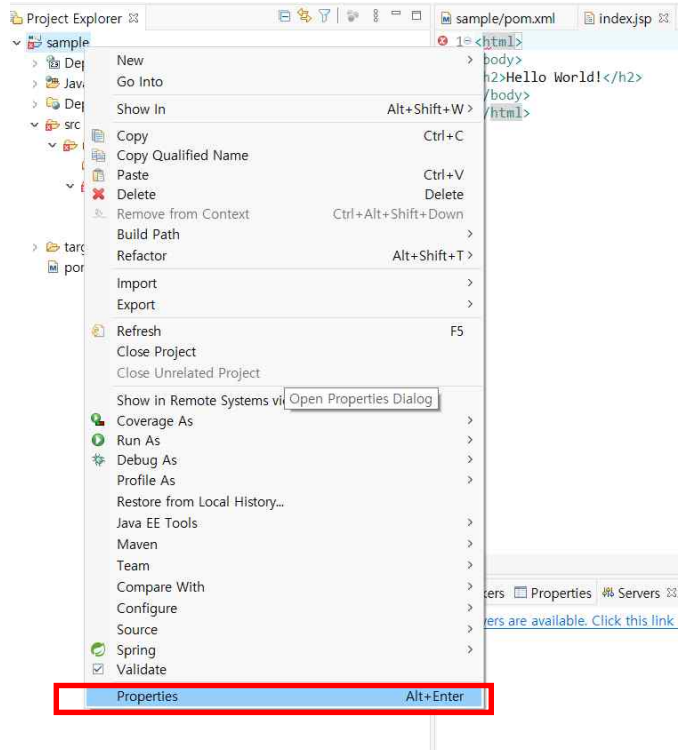
Server name: Tomcat v9.0 Server at localhost

? < Back **Next >** Finish Cancel

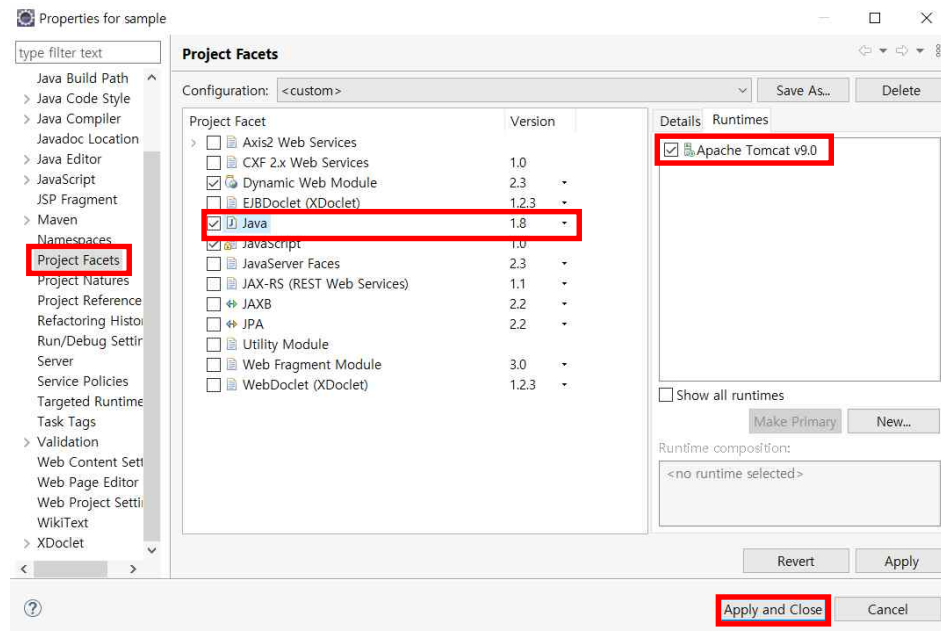
21. 톰캣 폴더 위치 선택 -Next



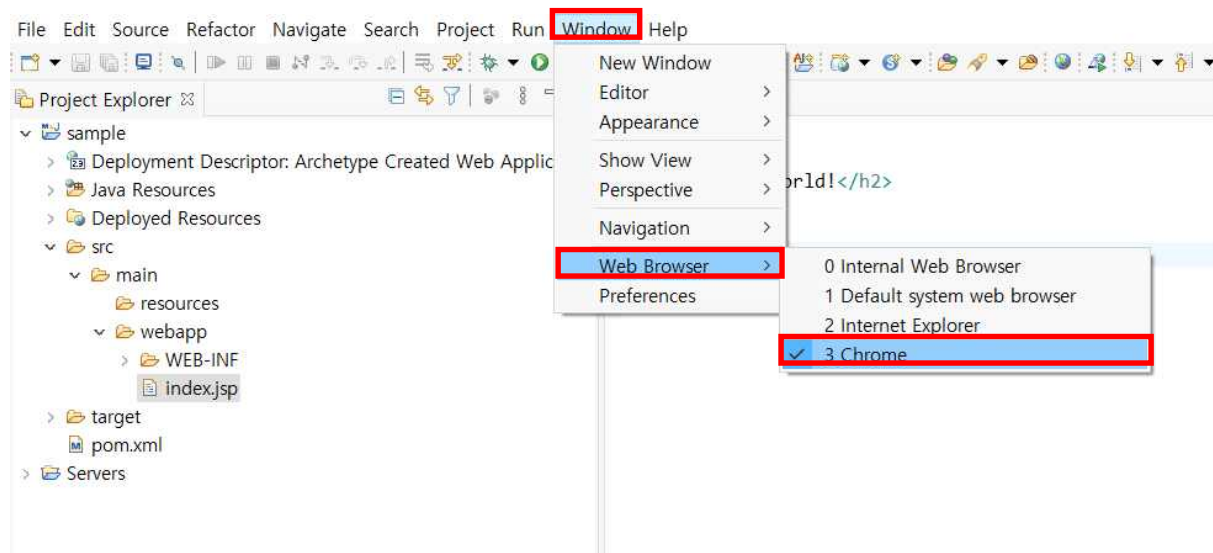
22. 프로젝트 우클릭 -Properties



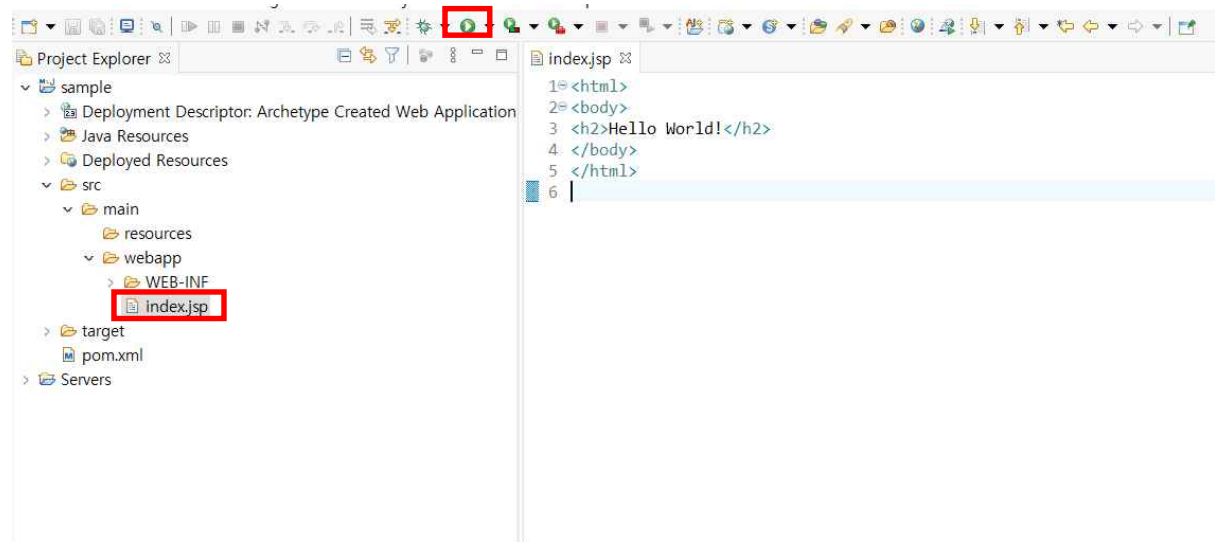
23. Project Facets –Java Version 확인 –Runtimes –Apache Tomcat 선택 –Apply and Close



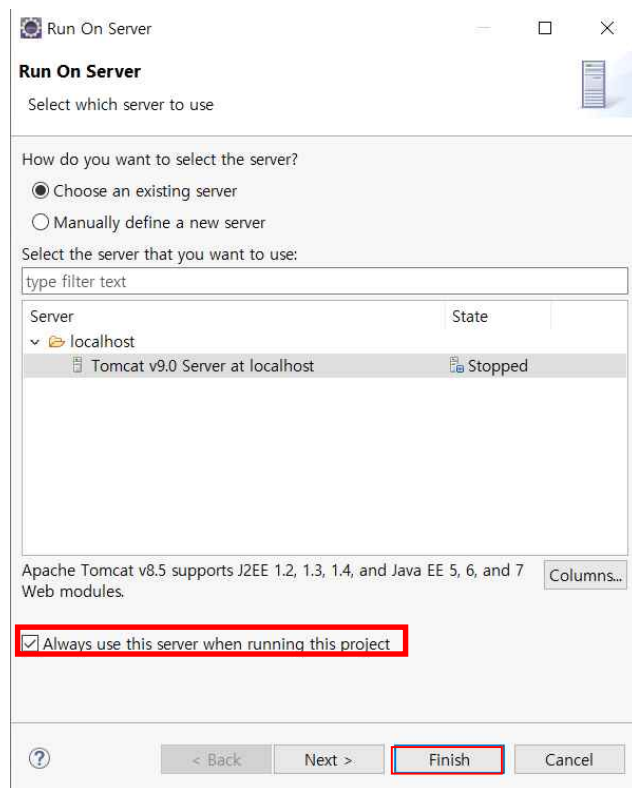
25. Window –Web Browser –Chrome



26. index.jsp – 상단 재생 버튼



27. Always use this server when running this project 선택 -Finish



28. 웹 브라우저 확인!

