

* Java JDK 설치방법

1. java.sun.com 접속 -> Java SE 클릭

2. 1.8버전 JDK 다운로드

3. 라이선스 동의 후 자신의 운영체제에 맞는 버전 다운로드 후 설치

Java SE Development Kit 8u172

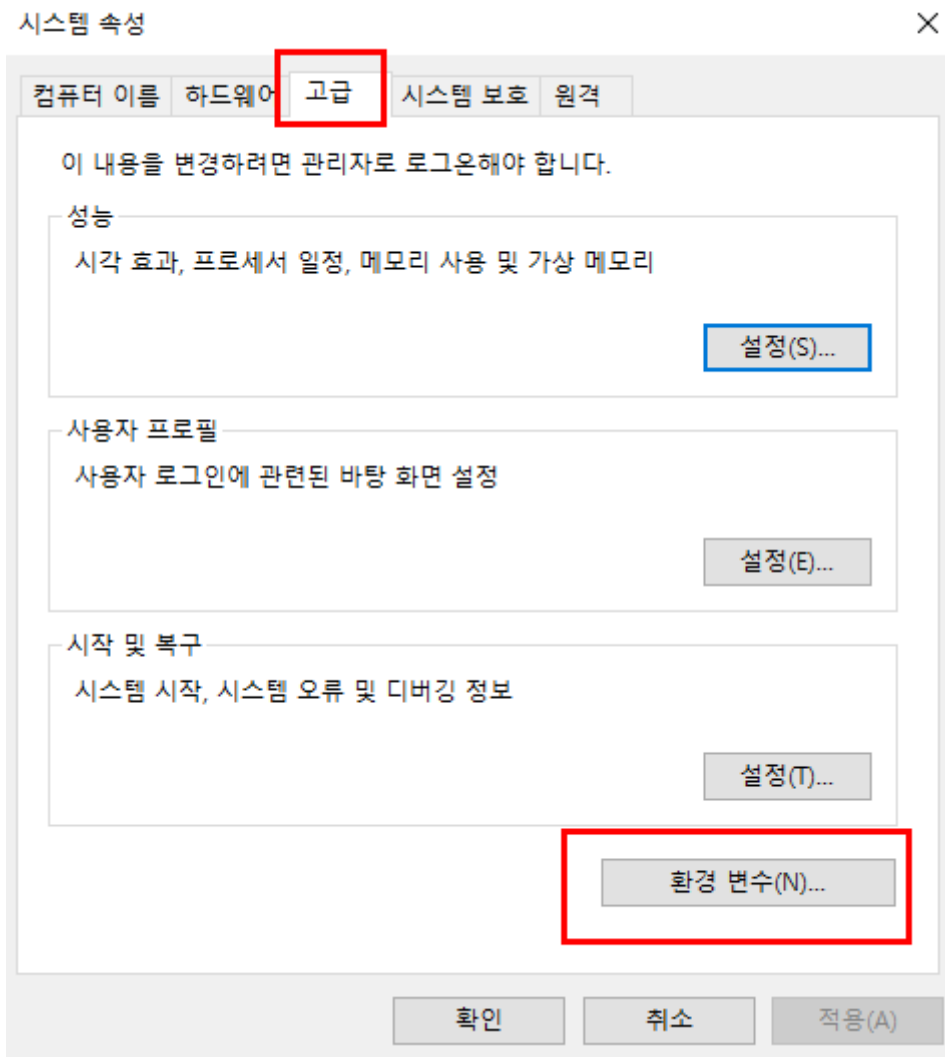
You must accept the [Oracle Binary Code License Agreement for Java SE](#) to download this software.

☒ Accept License Agreement ☐ Decline License Agreement

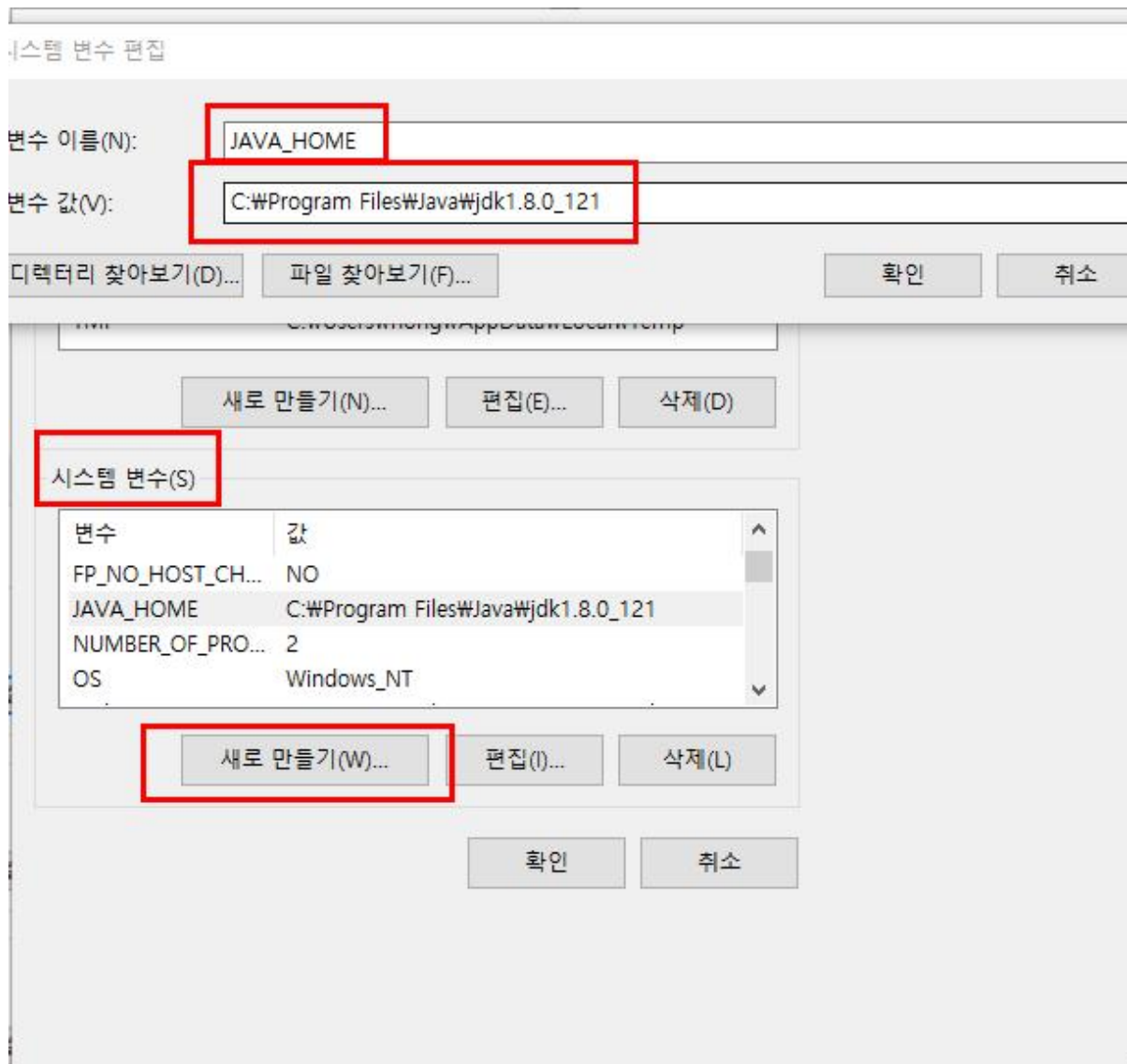
Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	77.99 MB	jdk-8u172-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.9 MB	jdk-8u172-linux-arm64-vfp-hflt.tar.gz
Linux x86	170.07 MB	jdk-8u172-linux-i586.rpm
Linux x86	184.91 MB	jdk-8u172-linux-i586.tar.gz
Linux x64	167.15 MB	jdk-8u172-linux-x64.rpm
Linux x64	182.08 MB	jdk-8u172-linux-x64.tar.gz
Mac OS X x64	247.87 MB	jdk-8u172-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	140.05 MB	jdk-8u172-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.35 MB	jdk-8u172-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	140.63 MB	jdk-8u172-solaris-x64.tar.Z
Solaris x64	97.06 MB	jdk-8u172-solaris-x64.tar.gz
Windows x86	199.11 MB	jdk-8u172-windows-i586.exe
Windows x64	207.3 MB	jdk-8u172-windows-x64.exe

* Java 환경 변수 설정

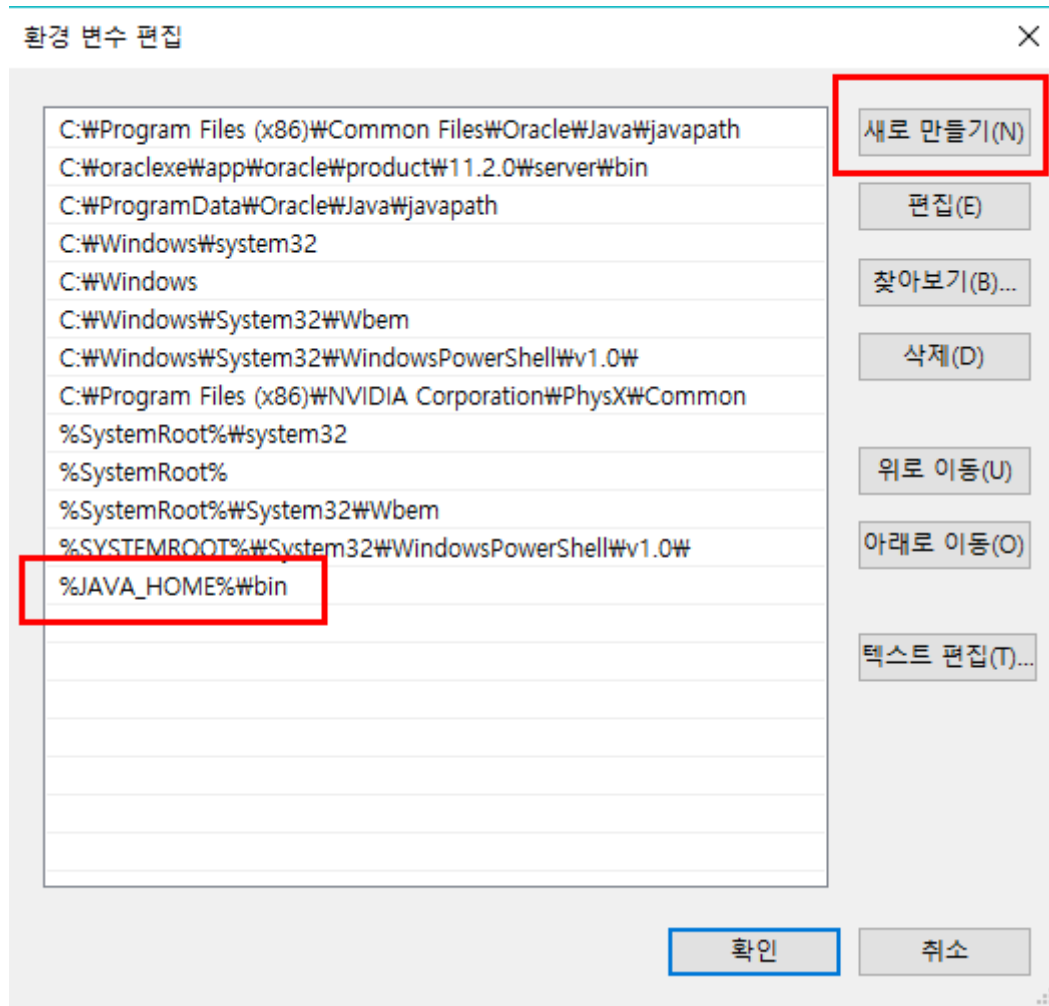
1. 내 컴퓨터 오른쪽 클릭 -> 설정 -> 고급 시스템 설정 -> 고급 -> 환경 변수



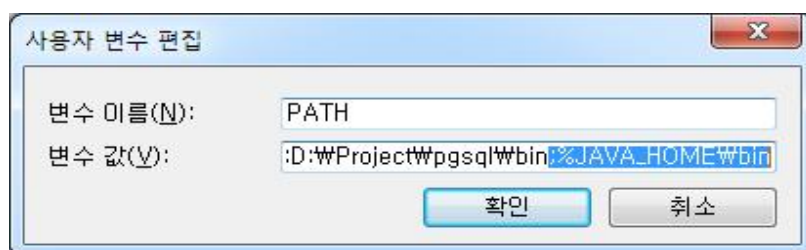
2. 시스템 변수 -> 새로 만들기에 아래 그림과 같이 입력.



3. Path 항목 더블클릭 -> %JAVA_HOME%\bin 입력
window 10 기준

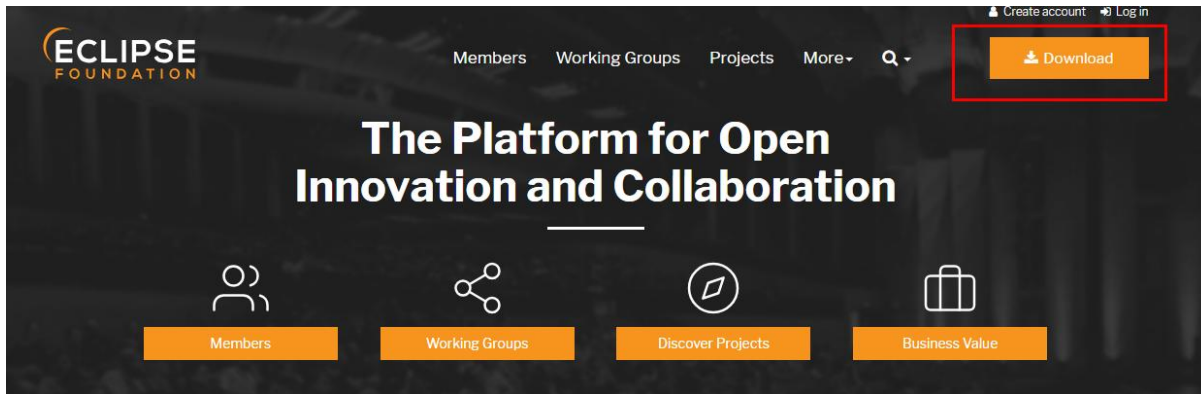


window 7 기준
;%JAVA_HOME%\bin 입력 (앞에 세미콜론에 주의)



* 이클립스 설치

1. eclipse.org 접속 -> download 클릭



2.



3. Java EE Developer 다운로드



Eclipse IDE for Java EE Developers
334 MB | 305,787 DOWNLOADS
Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn...

Windows
32 bit | **64 bit**

Eclipse IDE for Java Developers
180 MB | 149,699 DOWNLOADS
The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Mylyn, Maven and Gradle integration...

Windows
32 bit | **64 bit**

4. Download 클릭 (속도가 느릴경우 아래 미러사이트 이용)



Download

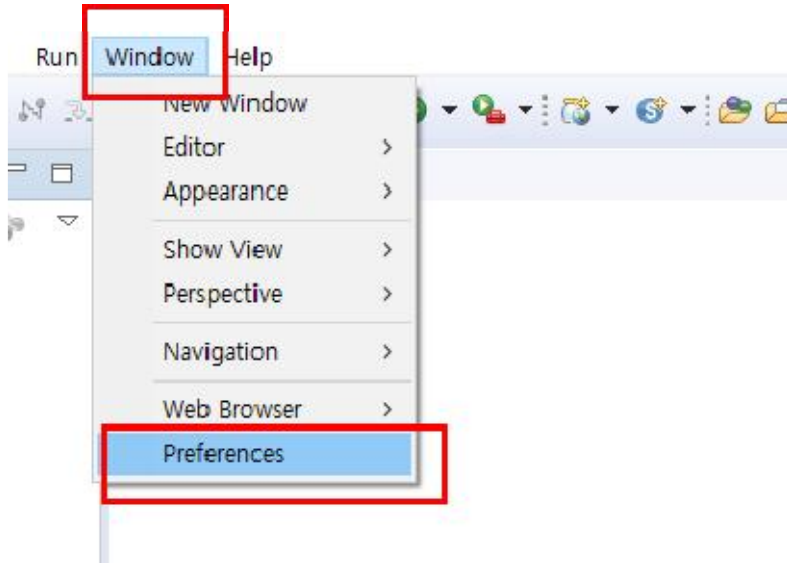
Download from: Japan - Japan Advanced Institute of Science and Technology (http)

File: eclipse-jee-oxygen-3a-win32-x86_64.zip SHA-512

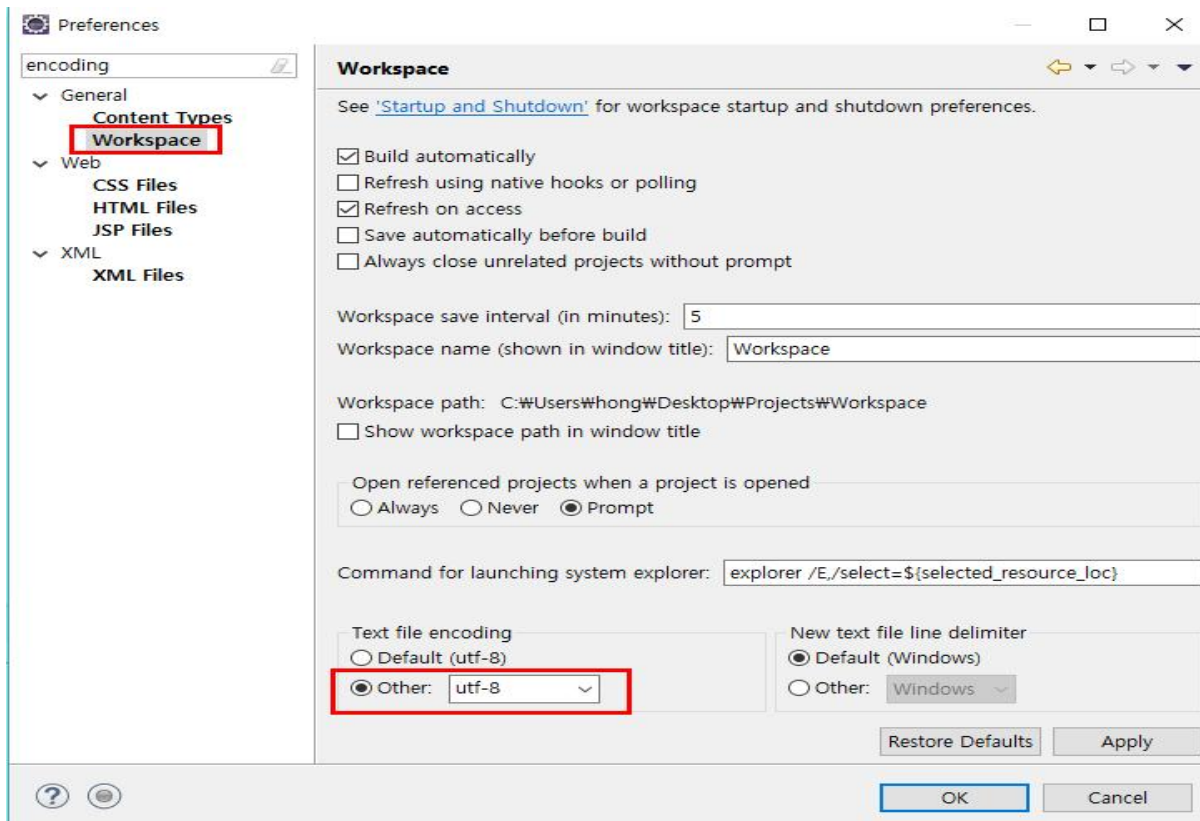
>> Select Another Mirror

* 이클립스 실행 후 한글 인코딩

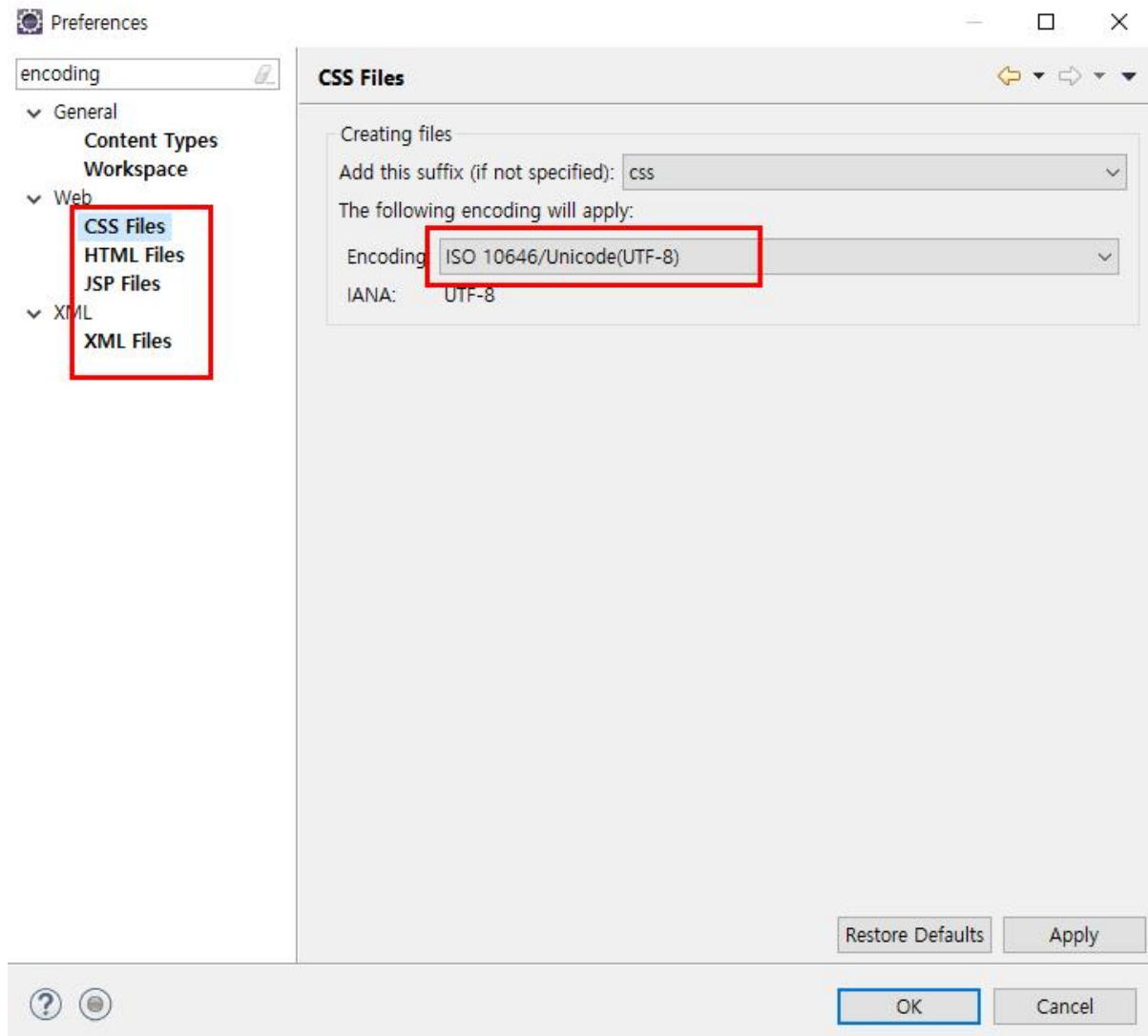
1. window -> preference 클릭



2. 좌측 상단에 encoding 입력 후 workspace 클릭 -> 인코딩을 utf-8로 변경



3. 웹 프로그래밍의 경우 Css, JSP, HTML, XML도 모두 각각 변경



* Tomcat 설치

1. tomcat.apache.org 접속 -> 좌측 탭에 Tomcat 8 클릭

Apache Tomcat

Home
Taglibs
Maven Plugin

TomcatCon

EU & North America

Download

Which version?
Tomcat 9
Tomcat 8
Tomcat 7
Tomcat Connectors
Tomcat Native
Taglibs
Archives

The Apache Tomcat software is developed in an open an invite you to participate in this open development projec

Apache Tomcat software powers numerous large-scale, i

Apache Tomcat, Tomcat, Apache, the Apache feather, an

Tomcat 8.0.52 Released

The Apache Tomcat Project is proud to announce the rel include:

- Implement configuration options to work-around s
- Enable the CrawlerSessionManagerValve to correc

Full details of these changes, and all the other changes, a

Note: End of life date for Apache Tomcat 8.0.x is annour

2. 8.0 버전 core -> zip 클릭 후 압축 해제

8.0.52

Please see the [README](#) file for packaging information. It explains what every distribution contains.

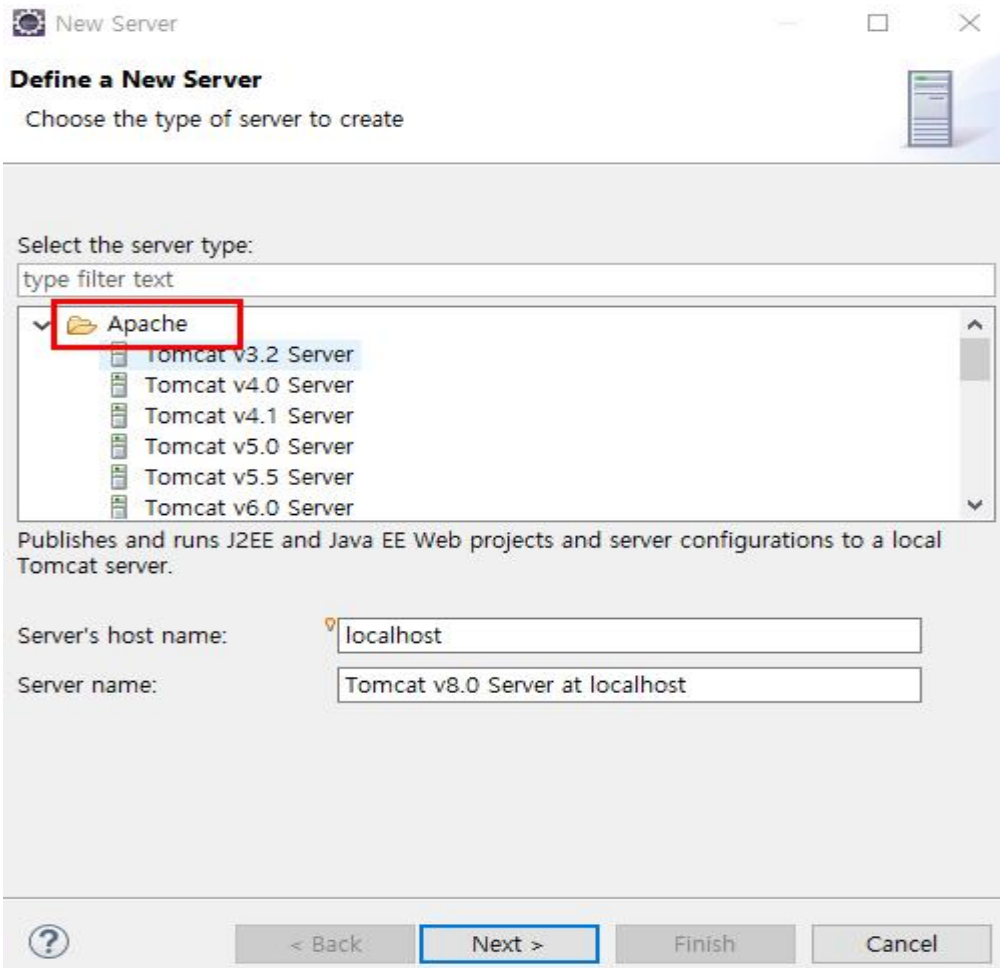
Binary Distributions

- Core:
 - [zip](#) (pgp, sha1, sha512)
 - [tar.gz](#) (pgp, sha1, sha512)
 - [32-bit Windows zip](#) (pgp, sha1, sha512)
 - [64-bit Windows zip](#) (pgp, sha1, sha512)
 - [32 bit/64 bit Windows Service Installer](#) (pgp, sha1, sha512)
- Full documentation:

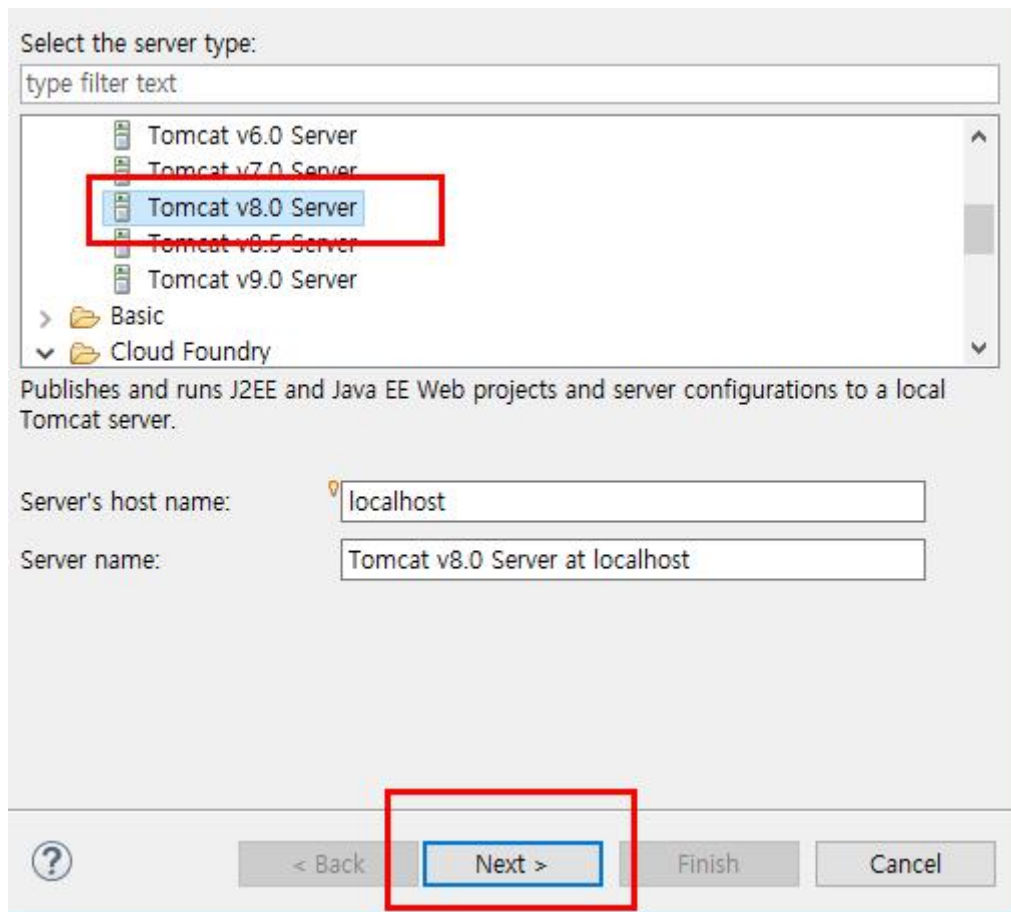
3. 이클립스 servers 탭에서 서버생성 클릭



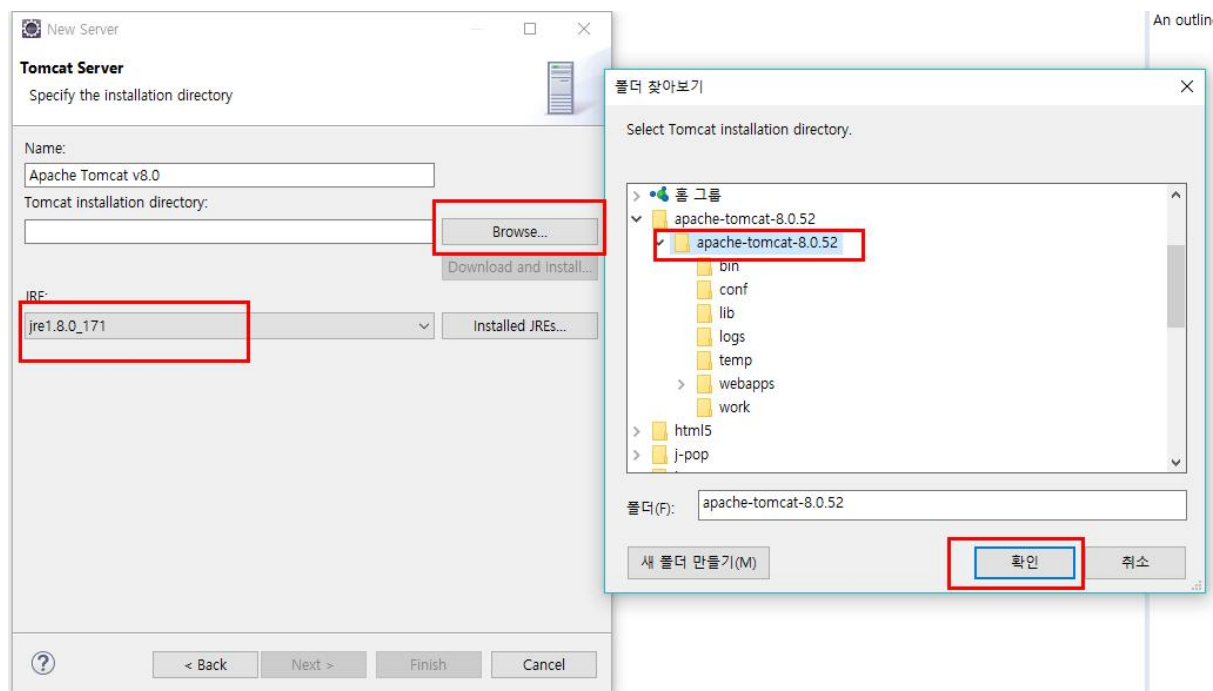
4. Apache 클릭



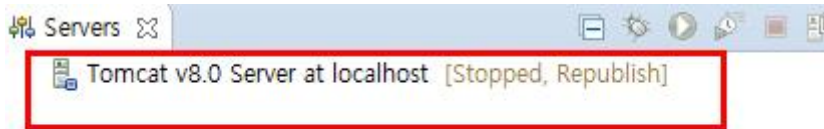
5. Tomcat 8.0 클릭 후 next



6. 톰캣이 설치된 디렉토리 설정 후 -> jre 경로 설정



7. 서버가 생성되었으면 더블 클릭



8. 아래와 같이 체크 -> 포트번호 8181로 변경(오라클 데이터베이스 사용시 포트번호 겹치는 문제 사전에 해결)

Overview

General Information
Specify the host name and other common settings.

Server name: Tomcat v8.0 Server at localhost
Host name: localhost
Runtime Environment: Apache Tomcat v8.0
Configuration path: /Servers/Tomcat v8.0 Server at localhost-config
[Open launch configuration](#)

Server Locations
Specify the server path (i.e. catalina.base) and deploy path. Server must be published with no modules present to make changes.

☐ Use workspace metadata (does not modify Tomcat installation)
☒ Use Tomcat installation (takes control of Tomcat installation)
☐ Use custom location (does not modify Tomcat installation)

Server path: C:\Users\hong\Desktop\apache-tomcat-8.0.52\apache-tomcat-8.0.52
[Set deploy path to the default value \(currently set\)](#)
Deploy path: wtpwebapps

Server Options
Enter settings for the server.

☐ Serve modules without publishing
☒ Publish module contexts to separate XML files
☒ Modules auto reload by default
☐ Enable security
☐ Enable Tomcat debug logging (not supported by this Tomcat version)

Publishing

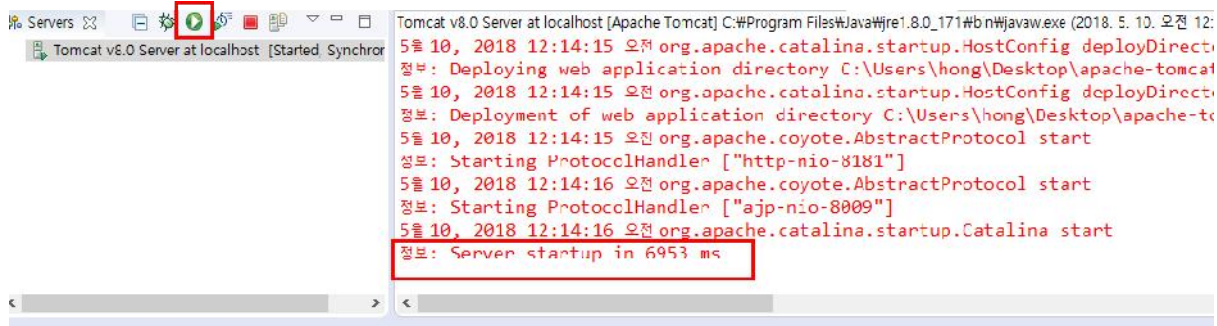
Timeouts

Ports
Modify the server ports.

Port Name	Port Number
Tomcat admin port	8005
HTTP/1.1	8181
AJP/1.3	8009

MIME Mappings

9. run버튼을 눌러 서버실행 -> startup 메시지가 뜨면 서버 정상 실행



10. http://localhost:8181/ 접속 시 고양이 그림이 나오면 서버 정상 가동 확인.

