

The word "Spring" is written in a white, stylized, handwritten-style font on a dark blue background.

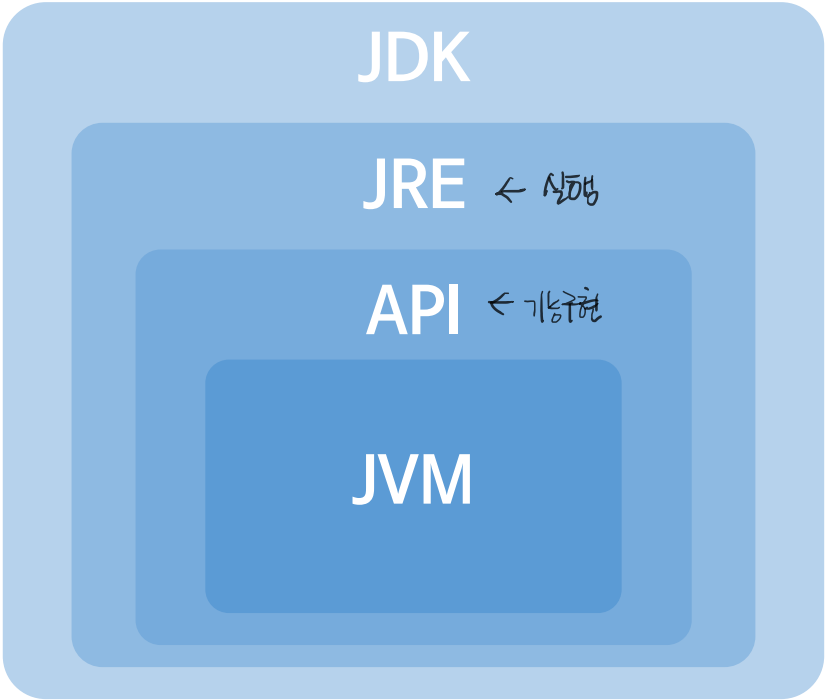
2강_개발 환경 구축

스프링을 이용한 애플리케이션 구축에 필요한 개발 환경에 대해서 학습합니다.

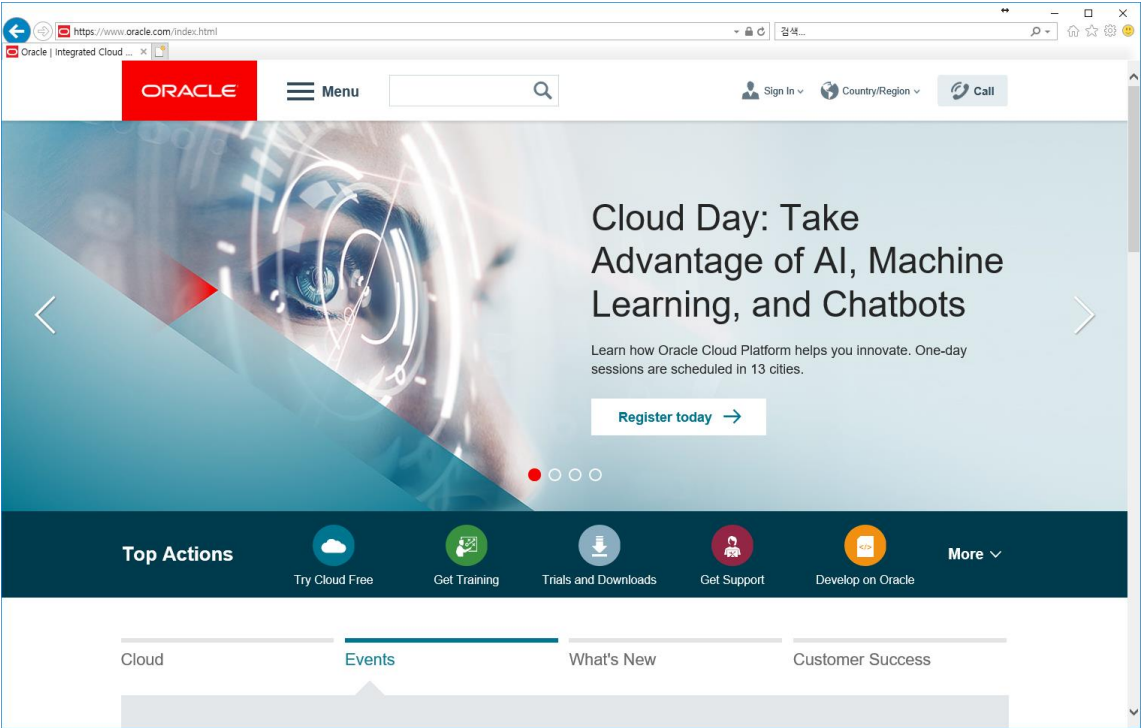
- 2-1 Java 설치
- 2-2 환경변수 설정
- 2-3 IDE(이클립스) 다운로드

2-1 : Java 설치

JDK(Java Development Kit) 설치

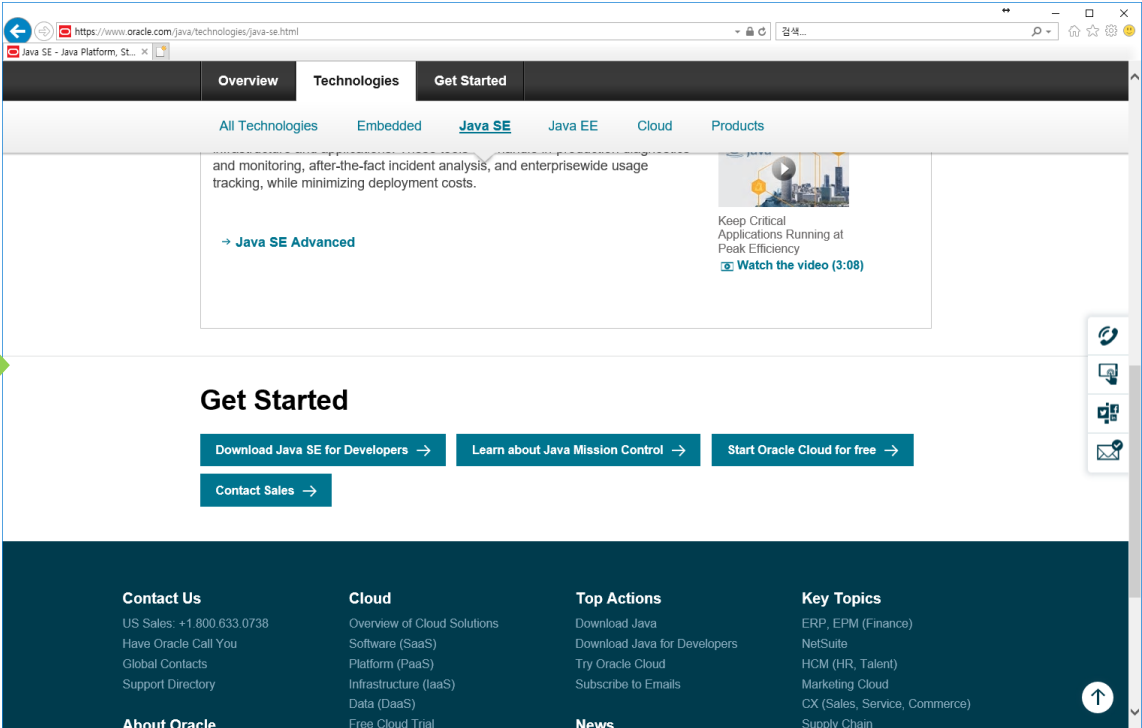
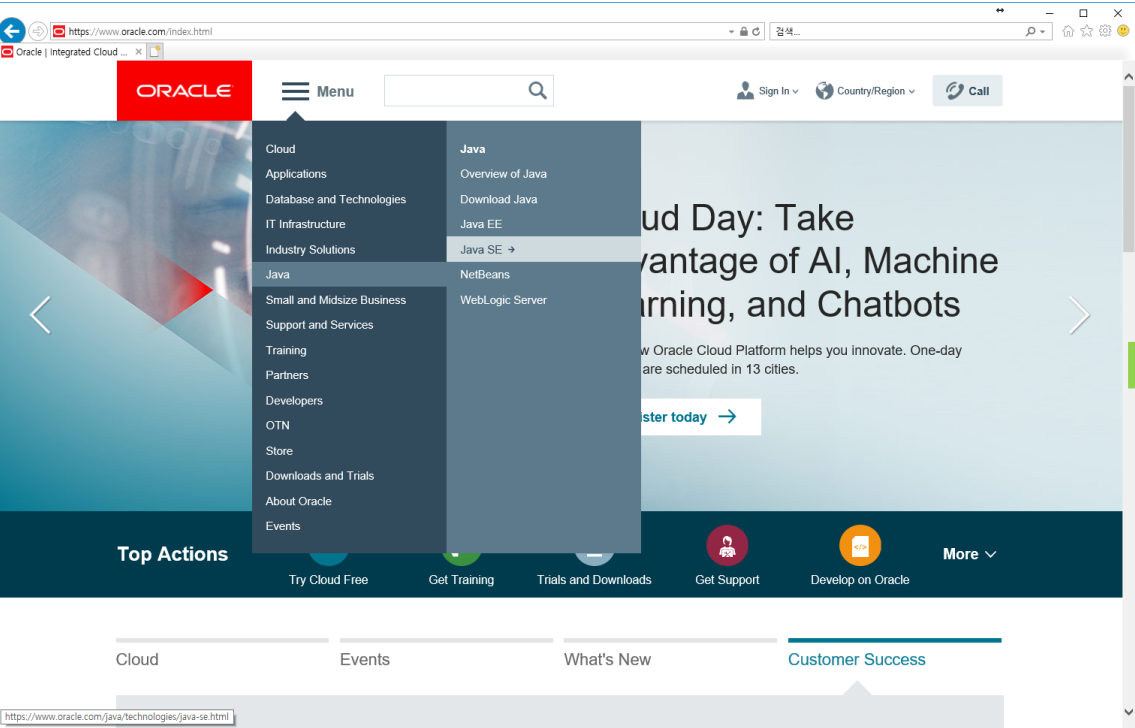


개발자는 JDK가 있어야 개발을 할 수 있고,
단지 프로그램만을 사용하는 사용자라면 JRE만 설치되어 있으면 된다.



2-1 : Java 설치

JDK(Java Development Kit) 설치



2-1 : Java 설치

JDK(Java Development Kit) 설치

Oracle Technology Network / Java / Java SE / Downloads

Overview Downloads Documentation Community Technologies Training

Java SE

Java EE

Java ME

Java SE Advanced & Suite

Java Embedded

Java DB

Web Tier

Java Card

Java TV

New to Java

Community

Java Magazine

Java SE Development Kit 8 Downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, applets, and components using the Java programming language.

The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

See also:

- Java Developer Newsletter: From your Oracle account, select Subscriptions, expand Technology, and subscribe to Java.
- Java Developer Day hands-on workshops (free) and other events
- Java Magazine

JDK 8u151 checksum
JDK 8u152 checksum

Java SE Development Kit 8u151

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

Thank you for accepting the Oracle Binary Code License Agreement for Java SE; you may now download this software.

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	77.9 MB	jdk-8u151-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.85 MB	jdk-8u151-linux-arm64-vfp-hflt.tar.gz
Linux x86	168.95 MB	jdk-8u151-linux-i586.rpm
Linux x86	162.73 MB	jdk-8u151-linux-i686.tar.gz
Linux x64	166.1 MB	jdk-8u151-linux-x64.rpm
Linux x64	180.95 MB	jdk-8u151-linux-x64.tar.gz
macOS	247.06 MB	jdk-8u151-macosx-x64.dmg
Solaris SPARC 64-bit	140.06 MB	jdk-8u151-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.32 MB	jdk-8u151-solaris-sparcv9.tar.gz
Solaris x64	140.65 MB	jdk-8u151-solaris-x64.tar.Z
Solaris x64	97 MB	jdk-8u151-solaris-x64.tar.gz
Windows x86	198.04 MB	jdk-8u151-windows-i586.exe
Windows x64	205.95 MB	jdk-8u151-windows-x64.exe

Java SE Development Kit 8u152

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	77.94 MB	jdk-8u152-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.88 MB	jdk-8u152-linux-arm64-vfp-hflt.tar.gz
Linux x86	168.99 MB	jdk-8u152-linux-i586.rpm

Oracle Technology Network / Java / Java SE / Downloads

Overview Downloads Documentation Community Technologies Training

Java SE

Java EE

Java ME

Java SE Advanced & Suite

Java Embedded

Java DB

Web Tier

Java Card

Java TV

New to Java

Community

Java Magazine

Java SE Development Kit 8 Downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, applets, and components using the Java programming language.

The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

See also:

- Java Developer Newsletter: From your Oracle account, select Subscriptions, expand Technology, and subscribe to Java.
- Java Developer Day hands-on workshops (free) and other events
- Java Magazine

JDK 8u151 checksum
JDK 8u152 checksum

Java SE Development Kit 8u151

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

Thank you for accepting the Oracle Binary Code License Agreement for Java SE; you may now download this software.

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	77.9 MB	jdk-8u151-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.85 MB	jdk-8u151-linux-arm64-vfp-hflt.tar.gz
Linux x86	168.95 MB	jdk-8u151-linux-i586.rpm
Linux x86	162.73 MB	jdk-8u151-linux-i686.tar.gz
Linux x64	166.1 MB	jdk-8u151-linux-x64.rpm
Linux x64	180.95 MB	jdk-8u151-linux-x64.tar.gz
macOS	247.06 MB	jdk-8u151-macosx-x64.dmg
Solaris SPARC 64-bit	140.06 MB	jdk-8u151-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.32 MB	jdk-8u151-solaris-sparcv9.tar.gz
Solaris x64	140.65 MB	jdk-8u151-solaris-x64.tar.Z
Solaris x64	97 MB	jdk-8u151-solaris-x64.tar.gz
Windows x86	198.04 MB	jdk-8u151-windows-i586.exe
Windows x64	205.95 MB	jdk-8u151-windows-x64.exe

Java SE Development Kit 8u152

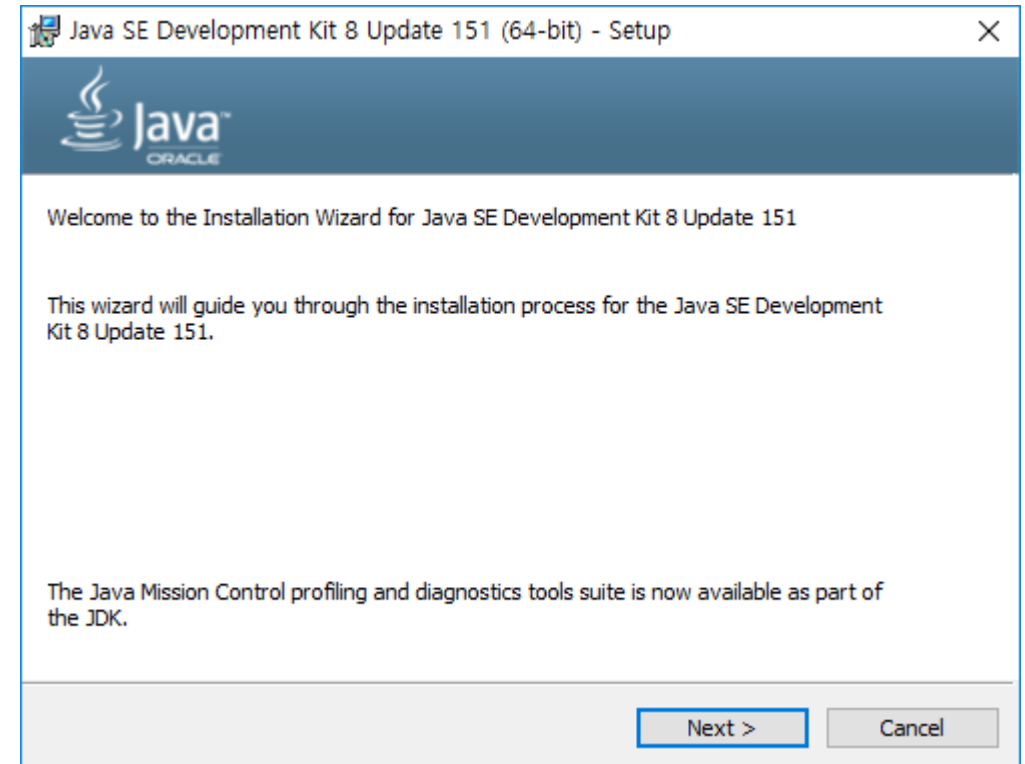
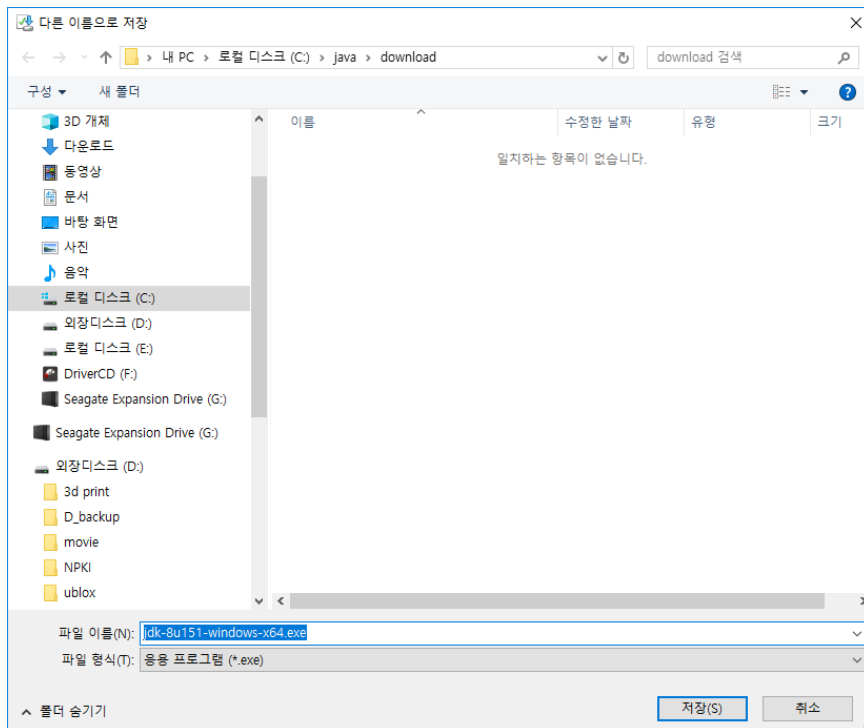
You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

☐ Accept License Agreement ☐ Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	77.94 MB	jdk-8u152-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.88 MB	jdk-8u152-linux-arm64-vfp-hflt.tar.gz
Linux x86	168.99 MB	jdk-8u152-linux-i586.rpm

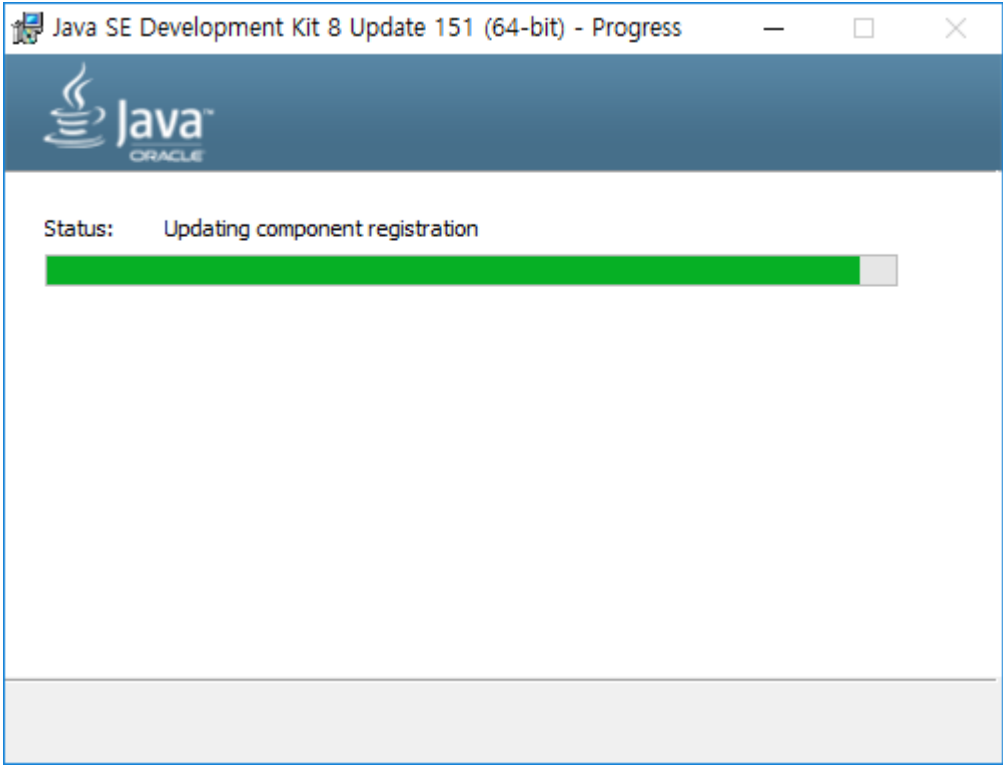
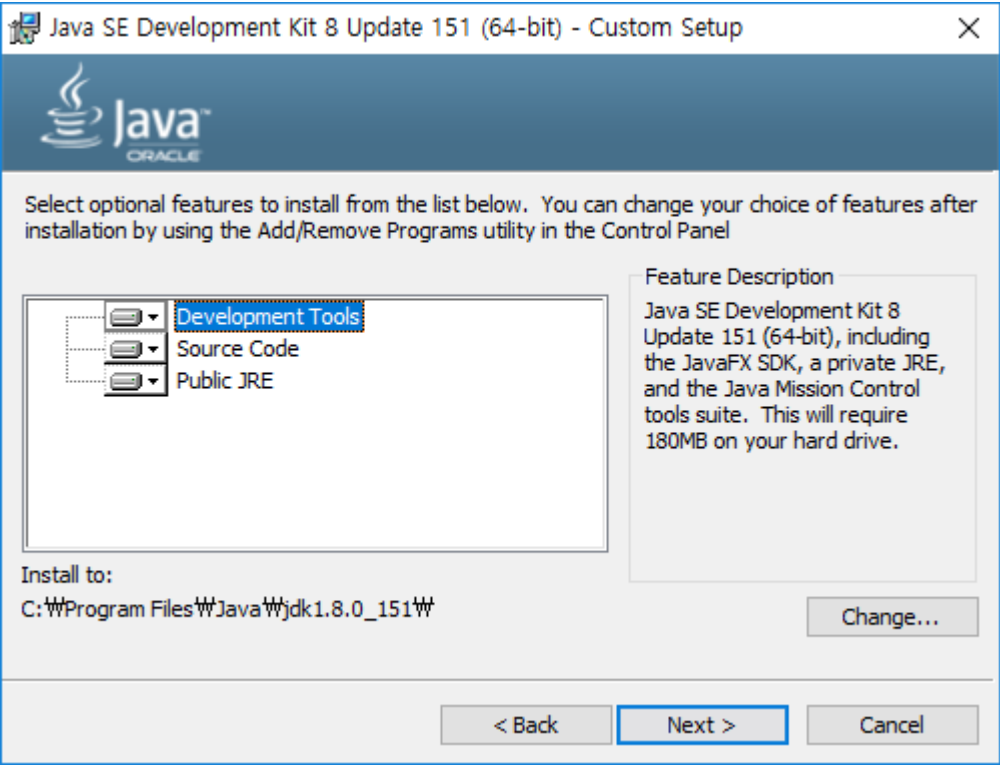
2-1 : Java 설치

JDK(Java Development Kit) 설치



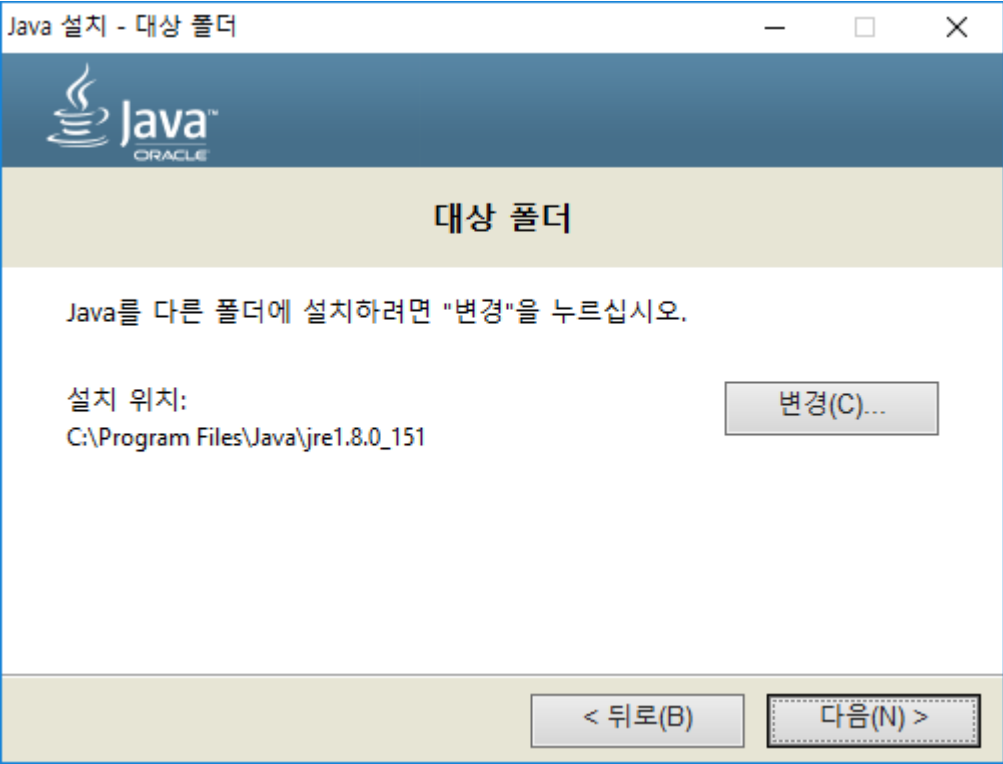
2-1 : Java 설치

JDK(Java Development Kit) 설치



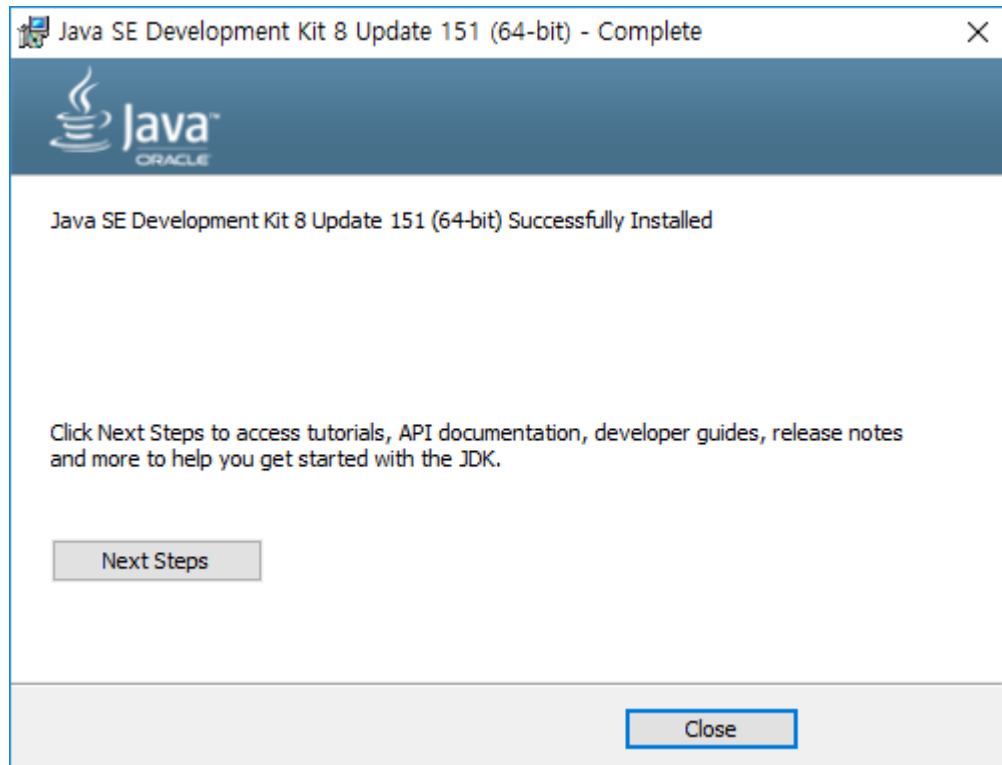
2-1 : Java 설치

JDK(Java Development Kit) 설치



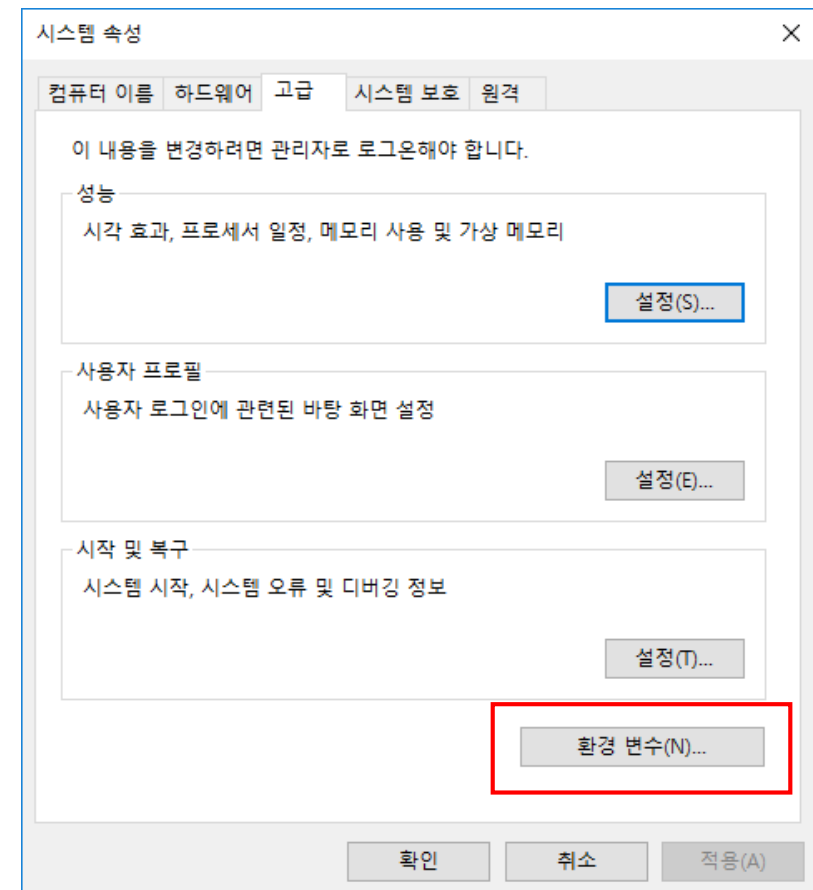
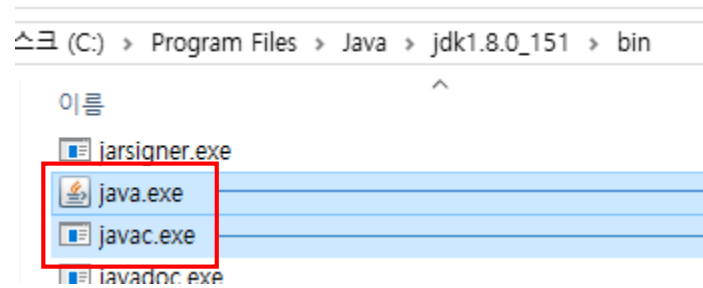
2-1 : Java 설치

JDK (Java Development Kit) 설치



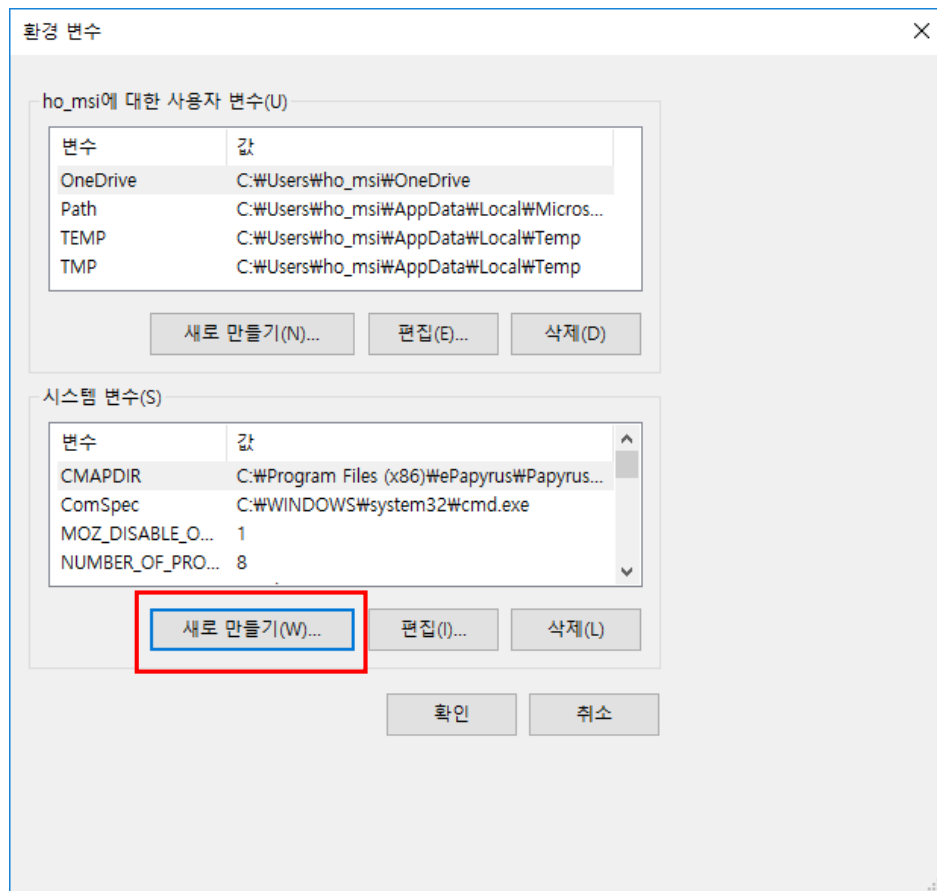
2-2 : 환경변수 설정

javac.exe, java.exe를 다른 디렉토리에서도 실행할 수 있도록 하기 위해 환경 변수(Path)에 bin 경로를 등록 한다.

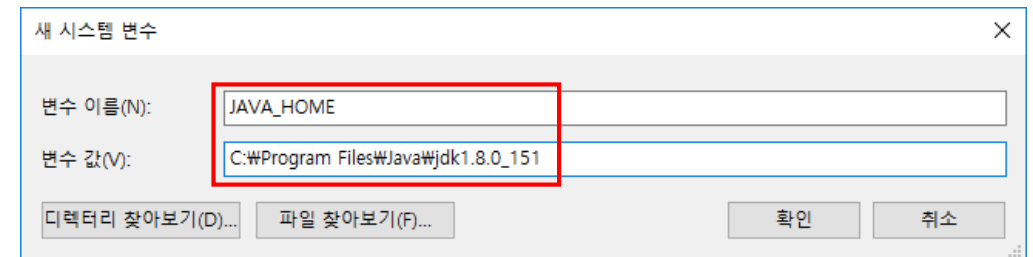


2-2 : 환경변수 설정

javac.exe, java.exe를 다른 디렉토리에서도 실행할 수 있도록 하기 위해 환경 변수(Path)에 bin 경로를 등록 한다.

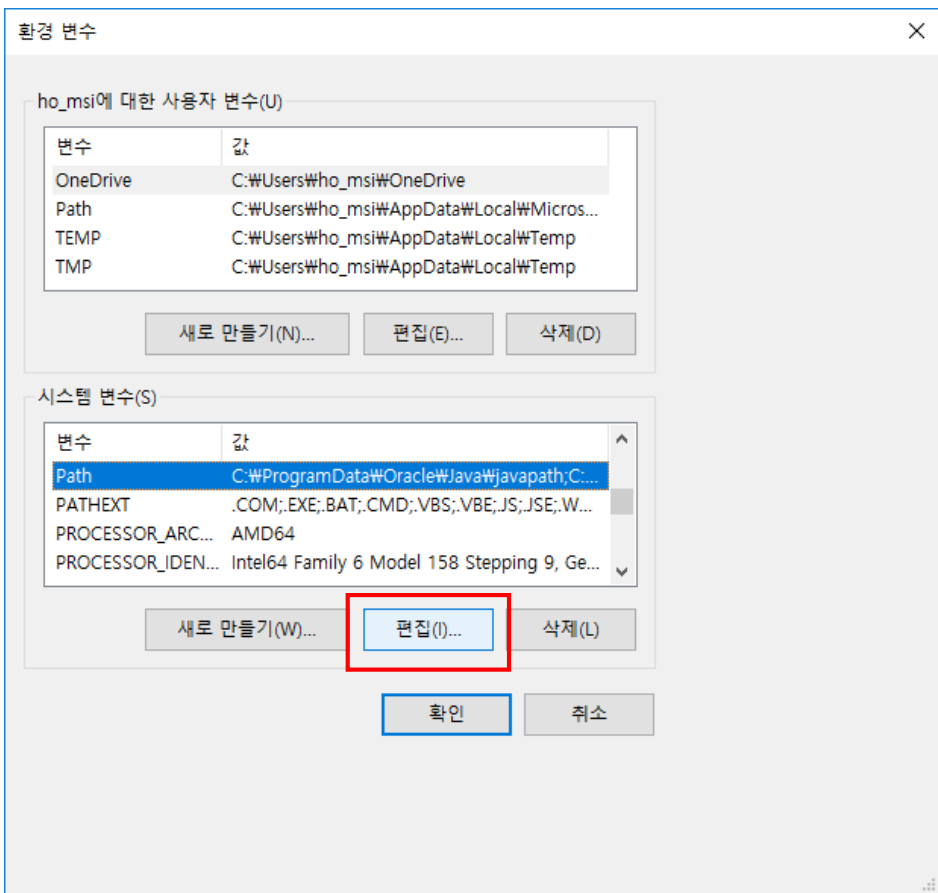


JAVA_HOME 환경 변수 추가

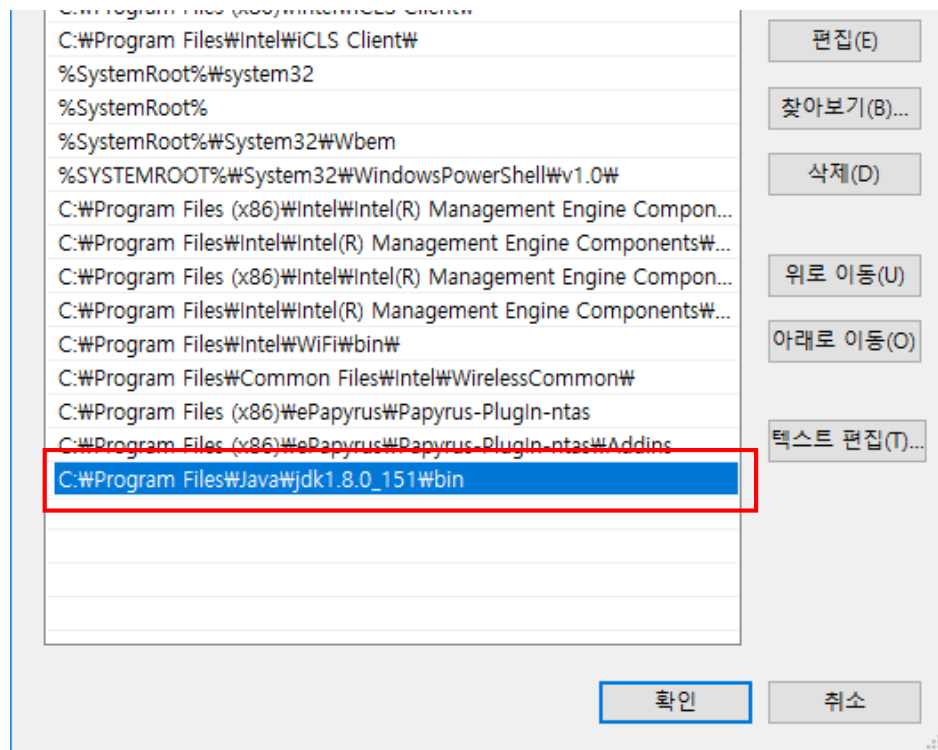


2-2 : 환경변수 설정

javac.exe, java.exe를 다른 디렉토리에서도 실행할 수 있도록 하기 위해 환경 변수(Path)에 bin 경로를 등록 한다.



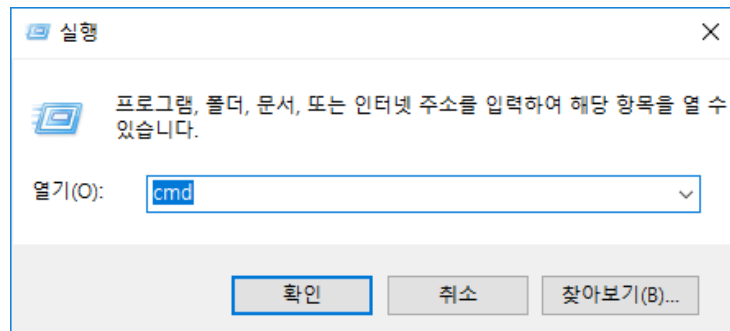
Path 환경 변수에 JDK의 bin 디렉토리 추가



2-2 : 환경변수 설정

javac.exe, java.exe를 다른 디렉토리에서도 실행할 수 있도록 하기 위해 환경 변수(Path)에 bin 경로를 등록 한다.

Path 환경 변수 확인



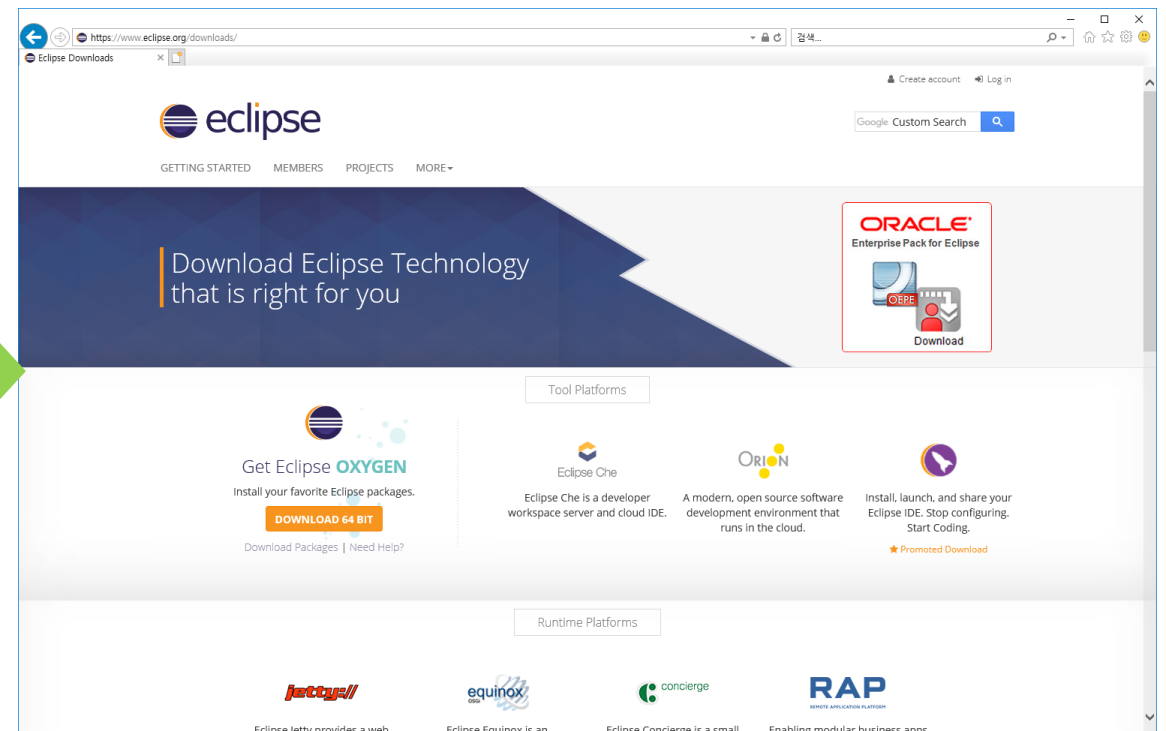
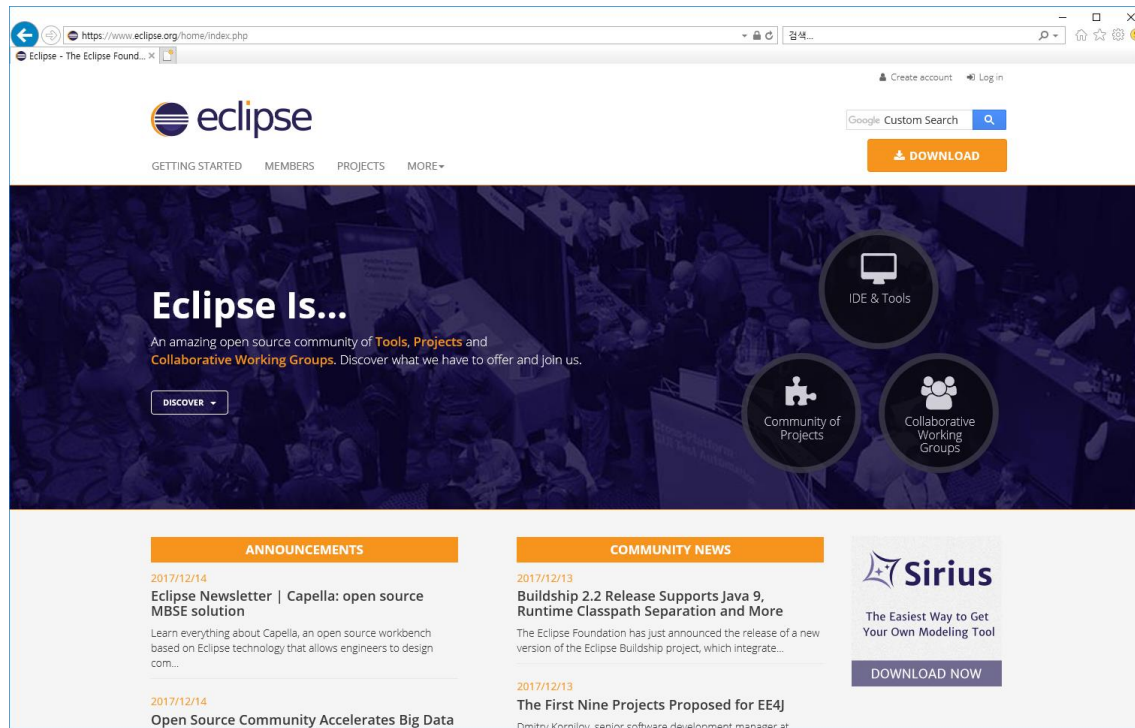
```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.16299.192]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\who_msi>java -version
java version "1.8.0_151"
Java(TM) SE Runtime Environment (build 1.8.0_151-b12)
Java HotSpot(TM) 64-Bit Server VM (build 25.151-b12, mixed mode)

C:\Users\who_msi>
```

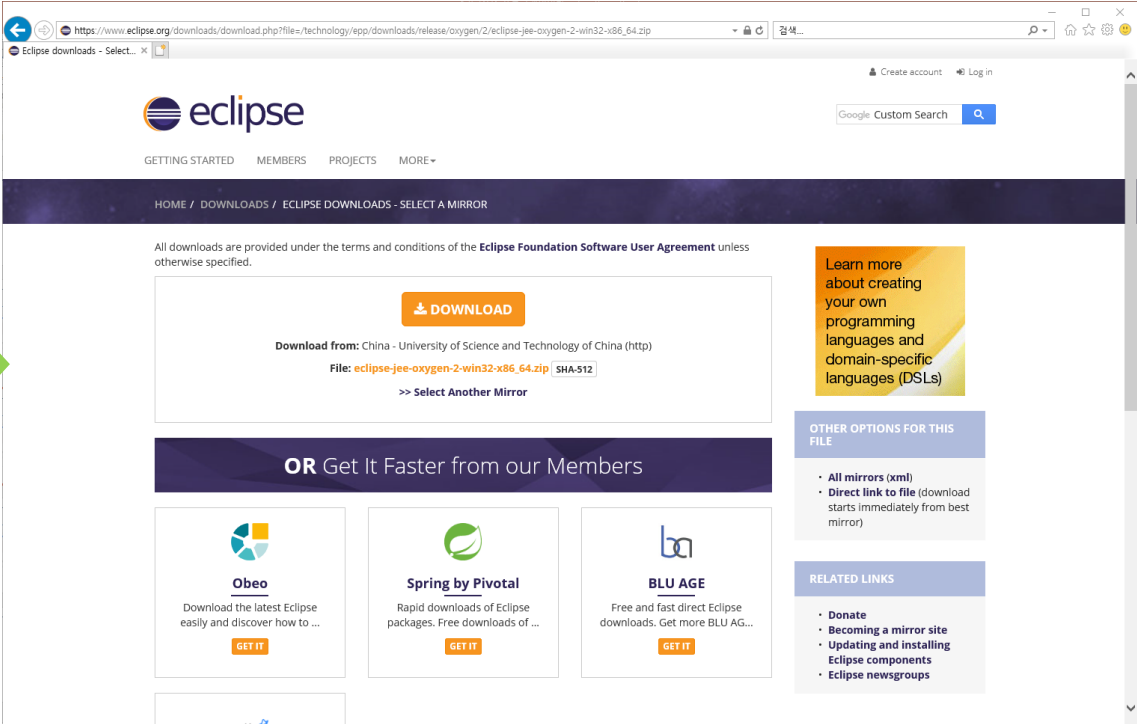
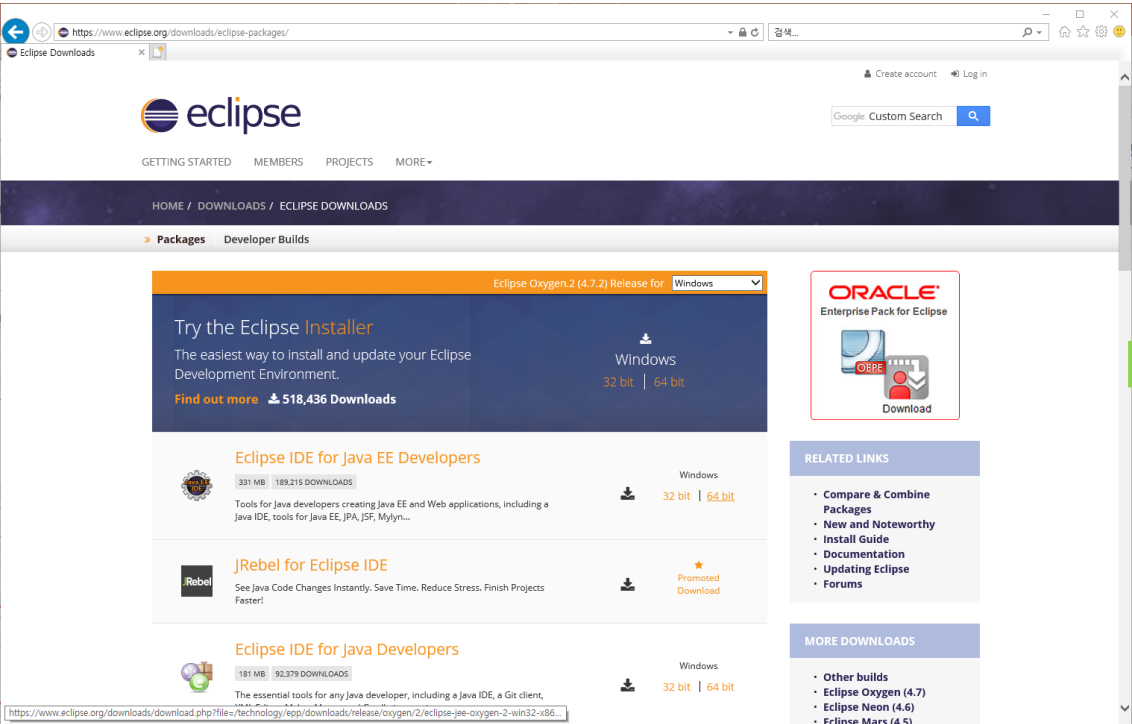
2-3 : IDE(이클립스) 다운로드

IDE(Integrated Development Environment : 통합개발환경) 설치 - eclipse



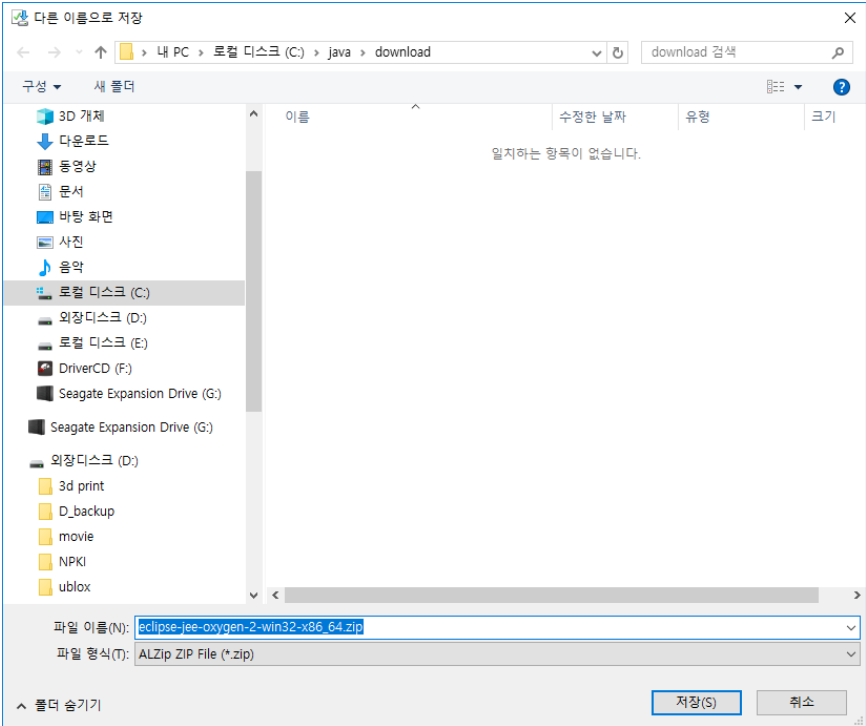
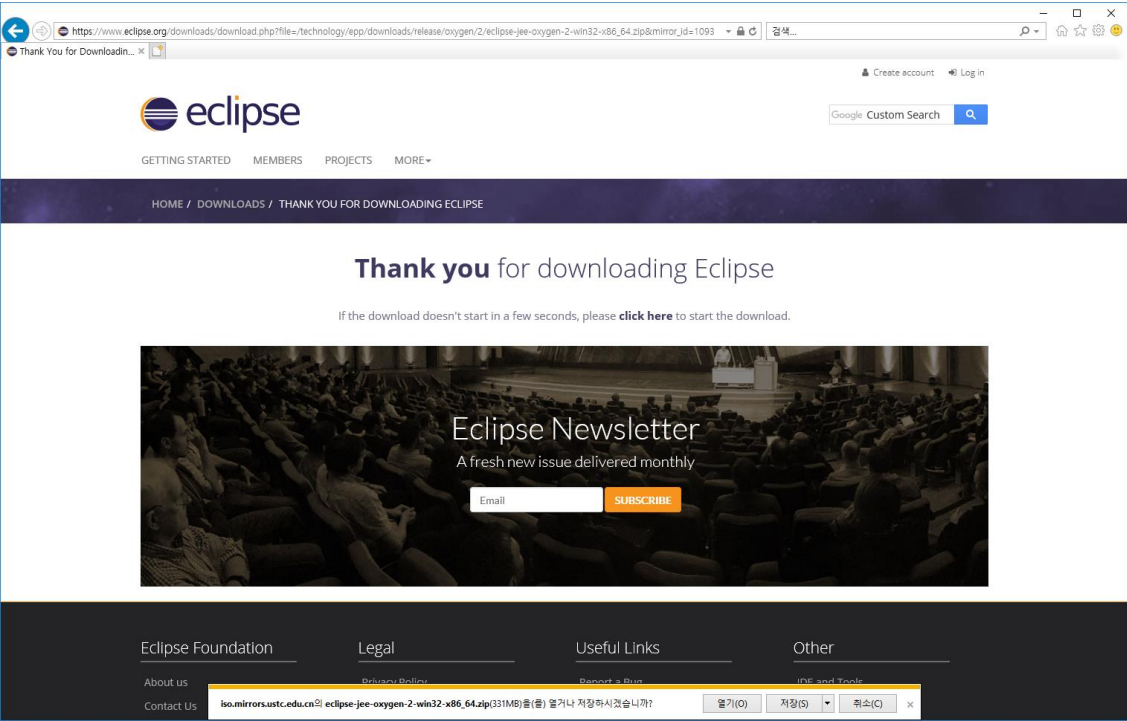
2-3 : IDE(이클립스) 다운로드

IDE(Integrated Development Environment : 통합개발환경) 설치 - eclipse



2-3 : IDE(이클립스) 다운로드

IDE(Integrated Development Environment : 통합개발환경) 설치 - eclipse



2-3 : IDE(이클립스) 다운로드

