

Java Atlassian Jira plugin 개발 환경 세팅하기

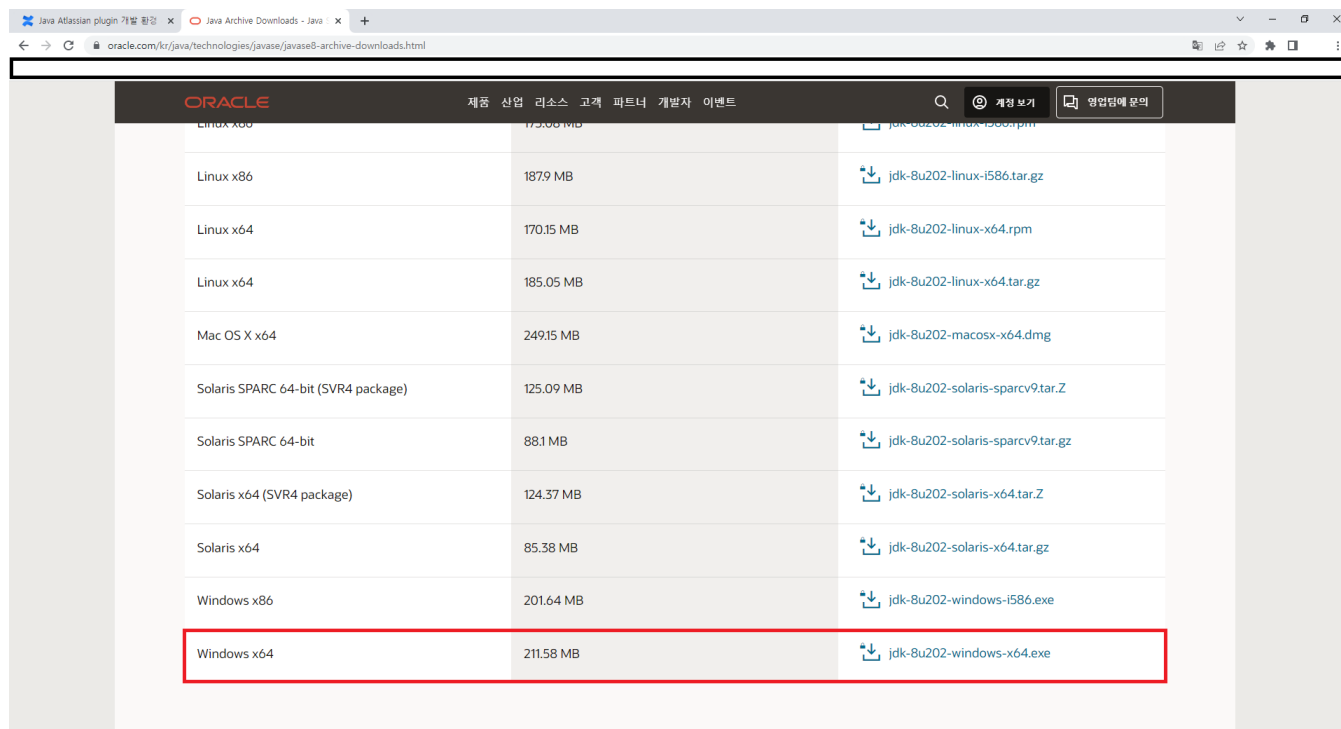
이 문서는 Java Atlassian plugin 개발 환경 세팅 가이드를 공유하기 위해 작성되었다.

도구명	jdk, jre, sdk
버전	1.8, 8.2.7
OS	window

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JDK, JRE 설치하기

JDK, JRE 8 install

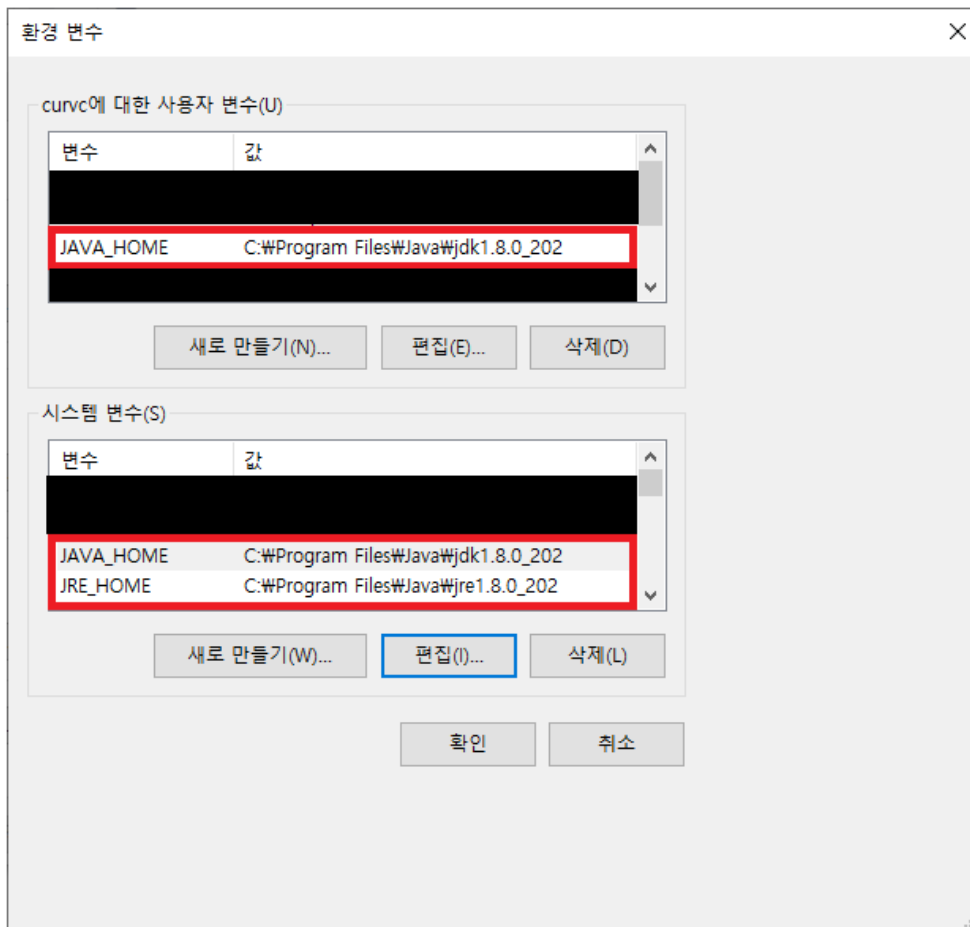


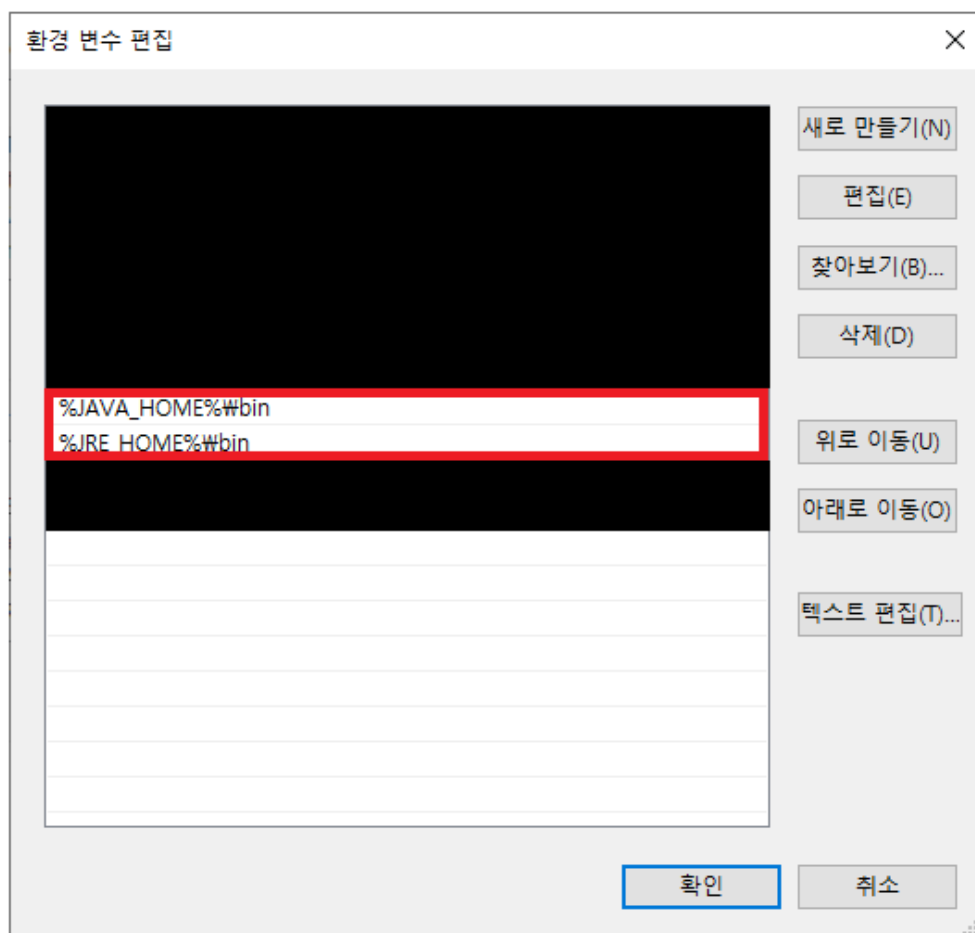
OS/Architecture	Size	Download Link
Linux x64	67.04 MB	jre-8u202-linux-x64.rpm
Linux x64	82.86 MB	jre-8u202-linux-x64.tar.gz
Mac OS X x64	77.79 MB	jre-8u202-macosx-x64.dmg
Mac OS X x64	69.37 MB	jre-8u202-macosx-x64.tar.gz
Solaris SPARC 64-bit	46.07 MB	jre-8u202-solaris-sparcv9.tar.gz
Solaris x64	43.36 MB	jre-8u202-solaris-x64.tar.gz
Windows x86 Online	1.83 MB	jre-8u202-windows-i586-iftw.exe
Windows x86 Offline	65.73 MB	jre-8u202-windows-i586.exe
Windows x86	68.4 MB	jre-8u202-windows-i586.tar.gz
Windows x64	73.7 MB	jre-8u202-windows-x64.exe
Windows x64	73.25 MB	jre-8u202-windows-x64.tar.gz

- JDK, JRE8 download URL : <https://www.oracle.com/kr/java/technologies/javase/javase8-archive-downloads.html>
- default directory : C:\Program Files\Java

환경변수 설정하기

제어판 > 시스템 환경 변수 편집





- JAVA_HOME, JRE_HOME (JRE_HOME 필수아님) 환경 변수 전역 설정
- 시스템 변수 > path > %JAVA_HOME%\bin , %JRE_HOME%\bin 설정

환경 변수 설정 확인

cmd > 환경 변수 확인

```

Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\>echo %JAVA_HOME%
C:\Program Files\Java\jdk1.8.0_202

C:\>echo %JRE_HOME%
C:\Program Files\Java\jre1.8.0_202

C:\>

```

- jdk home, jre home 변수 설정 확인

SDK download

Atlassian SDK download

developer.atlassian.com/server/framework/atlassian-sdk/downloads/

atlassian-plugin.xml element reference
Frequently used commands
Atlassian JavaDoc

SECURITY >
LEARNING >
UPDATES >
FAQ AND TROUBLESHOOTING >
OTHER CONSIDERATIONS >

To install the Atlassian Plugin SDK, you'll also need the following:

- Java SE Development Kit (JDK) 8 or AdoptOpenJDK 8
- Your JAVA_HOME variable set

A note on OpenJDK
The Atlassian Plugin SDK currently supports AdoptOpenJDK 8 only.

First time users
If you're installing the Atlassian SDK for the first time, you can find detailed instructions for setting your JAVA_HOME, downloading and installing the Atlassian Plugin SDK and creating your first project.
Set up the Atlassian SDK and Build a Project

Download the installer
For Windows and macOS users, you can download the latest version of the installer via Atlassian Marketplace:

- Atlassian Marketplace: Atlassian Plugin SDK - Windows
- Atlassian Marketplace: Atlassian Plugin SDK - Mac OS X

Installing from Package Managers
If you prefer you can use a suitable package manager for your operating system to install the Atlassian SDK.

Debian / Ubuntu Linux
On a Debian-based Linux system like Ubuntu, you can install the SDK using apt-get or aptitude:

1. First, set up the Atlassian SDK repositories:

```
1 sudo sh -c "echo 'deb https://packages.atlassian.com/debian/atlassian-sdk-deb/ stable contrib' >>/etc/apt/sources.list.d"
```
2. Download the public key using curl or wget:

- Atlassian SDK download URL : <https://developer.atlassian.com/server/framework/atlassian-sdk/downloads/>
- default directory : C:\Applications\Atlassian
- 설치시 환경 변수 자동으로 설정됨

Jira Plugin clone

Jira first plugin clone하기

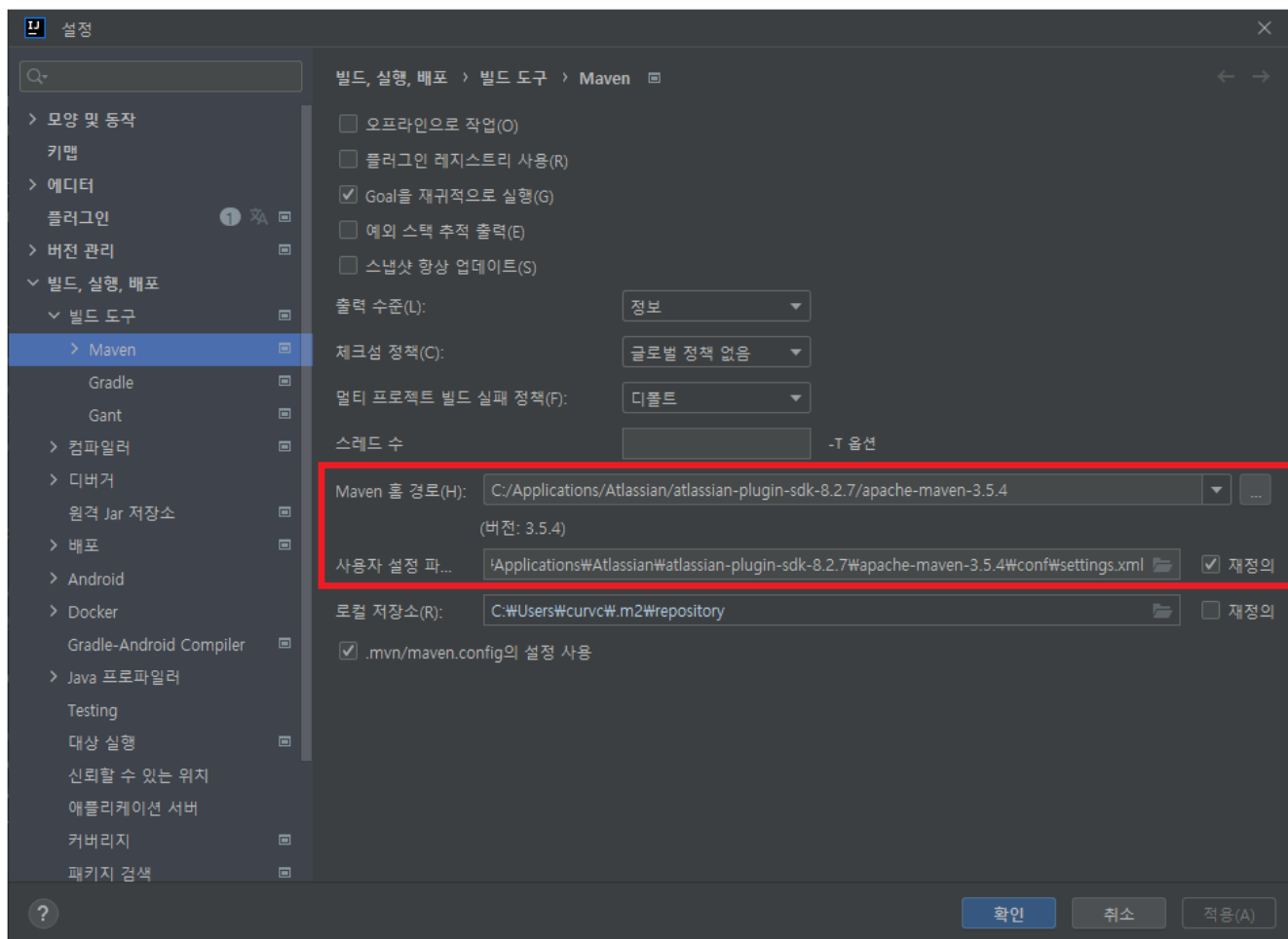
```

D:\>atlas-create-jira-plugin
Executing: "C:\Applications\Atlassian\atlassian-plugin-sdk-8.2.7\apache-maven-3.5.4\bin\mvn.cmd" com.atlassian.maven.plugins:jira-maven-plugin:8.1.2:create -gs C:\Applications\Atlassian\atlassian-plugin-sdk-8.2.7\apache-maven-3.5.4/conf/settings.xml
D:\>
[INFO] Scanning for projects...
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO] --- jira-maven-plugin:8.1.2:create (default-cli) @ standalone-pom ---
[INFO] Google Analytics Tracking is enabled to collect AMPS usage statistics.
[INFO] Although no personal information is sent, you may disable tracking by adding <allowGoogleTracking>false</allowGoogleTracking> to the amps plugin configuration in your pom.xml
[INFO] Sending event to Google Analytics: AMPS:jira - Create Plugin
[INFO] using stable product version: 7.13.0
[INFO] using stable data version: 7.13.0
Define value for groupId: : my.group.id
Define value for artifactId: : my-artifact-id
Define value for version: : 1.0.0-SNAPSHOT: : 0.0.1
Define value for package: my.group.id: : my.group.id
Use OSGi Java Config: (Y/N/y/n) N: :
Confirm properties configuration:
groupId: my.group.id
artifactId: my-artifact-id
version: 0.0.1
package: my.group.id
use OSGi Java Config: N
Y: : y
  
```

- Jira-Plugin Project 를 받을 경로로 cd
- atlas-create-jira-plugin > groupId 입력 > artifactId 입력 > version 입력 (0.0.1) > package 입력 (default : groupId와 동일)
- [Atlassian Plugin](#) 참고

IntelliJ 설정

IntelliJ에 java, SDK 설정



- Maven 홈 경로 : SDK 폴더 > apache-maven
- 사용자 설정 파일 : apache-maven > conf > settings.xml > 적용
- 빌드 완료시 Terminal > atlas-package > atlas-run --jvmargs -Xmx4096m

참조

내용

- [Jira Plugin 개발 가이드](#)
- [Atlassian SDK download](#)
- [JDK, JRE 8 download](#)