

# Java , Eclipse 설치 가이드 스프링부트 & 인텔리제이 설정

# 01.Java설치 가이드

# JRE 다운로드 주소

<https://www.oracle.com/java/technologies/javase-downloads.html>

• Includes Third Party Licenses

• Certified System Configurations

• Readme

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## Java SE 8u251

Java SE 8u251 includes important bug fixes. Oracle strongly recommends that all Java SE 8 users upgrade to this release.

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- Release Notes
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- Readme Files
  - JDK ReadMe
  - JRE ReadMe

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자바 유료화에 따른 Java 8 JRE 다운

# JDK 다운로드 주소

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### Java SE 14

Java SE 14.0.1 is the latest release for the Java SE Platform

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Java JDK 최신 버전 사용

Java JDK LTS ( 롱텀서포트버전 사용 가능 )

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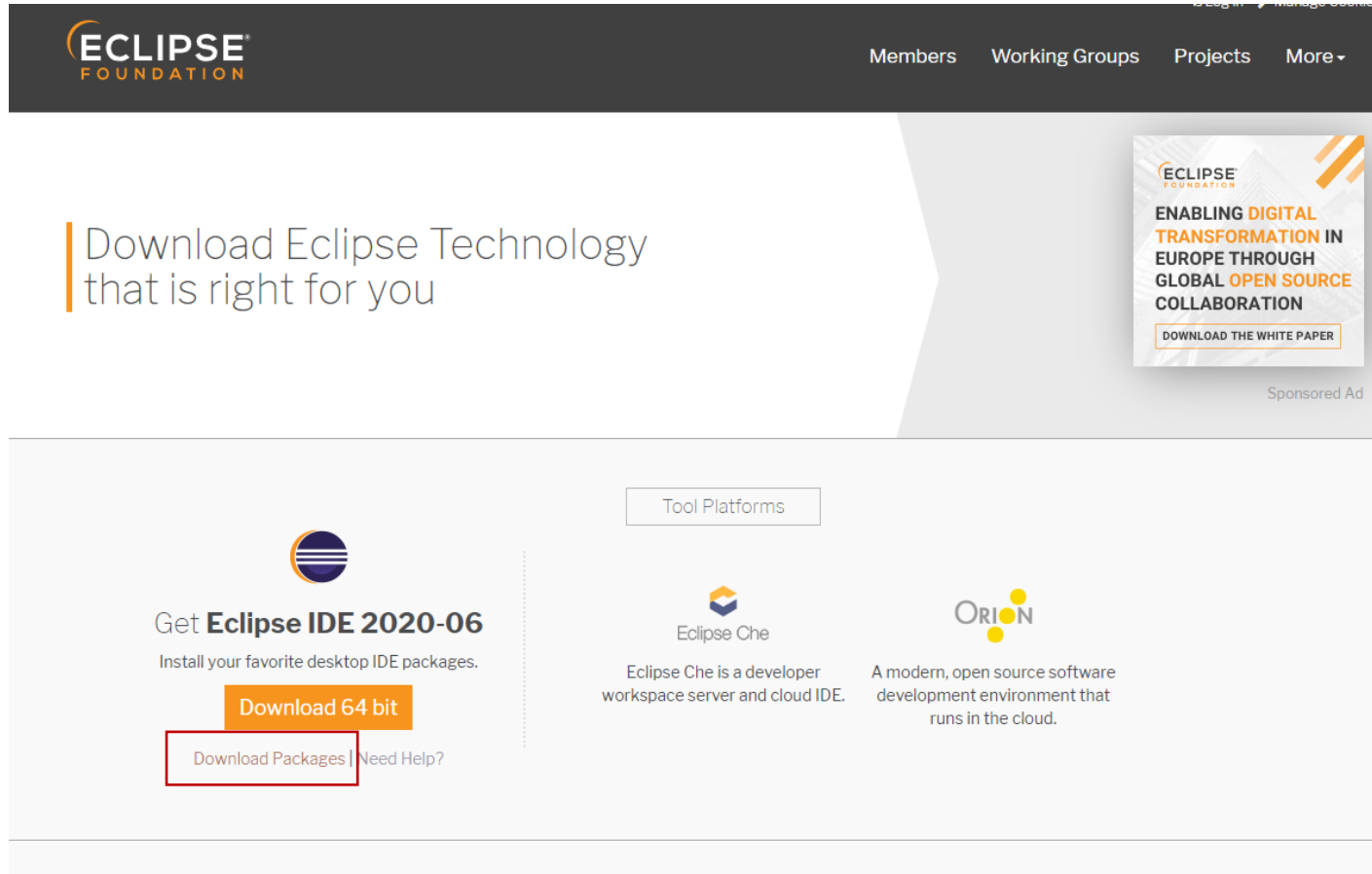
Java JDK 최신 버전 사용

Java JDK LTS ( 롱텀서포트버전 사용 가능 )

## 02.Eclipse 설치 가이드

# 다운로드 주소

<https://www.eclipse.org/downloads/>



The screenshot shows the Eclipse Foundation website. At the top is a dark navigation bar with the Eclipse Foundation logo on the left and links for 'Members', 'Working Groups', 'Projects', and 'More' on the right. Below the navigation bar, the main content area features a large heading 'Download Eclipse Technology that is right for you'. To the right of this heading is a sponsored advertisement for a white paper titled 'Enabling Digital Transformation in Europe through Global Open Source Collaboration' with a 'Download the White Paper' button. Below the main heading, there are three columns. The first column, under the Eclipse logo, promotes 'Eclipse IDE 2020-06' with a 'Download 64 bit' button and a 'Download Packages | Need Help?' link. The second column, under the Eclipse Che logo, describes it as a 'developer workspace server and cloud IDE'. The third column, under the Orion logo, describes it as a 'modern, open source software development environment that runs in the cloud'.

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### Eclipse IDE for Enterprise Java Developers



# 03.IntelliJ Ultimate version 활용

# 사용 이유

- 자체 Spring initializr 가 내장
- 별도의 스프링부트 셋업 할 필요 없이 IDE 안에서 가능

## 단점

- 30일 무료 사용기간
- 30일 이후 삭제 재 다운로드를 통해 사용 가능
- 기간 이 후 추가 다운로드 혹은 community 버전 사용

# 04.IntelliJ Community version 활용

# 사용 이유

- 무료사용

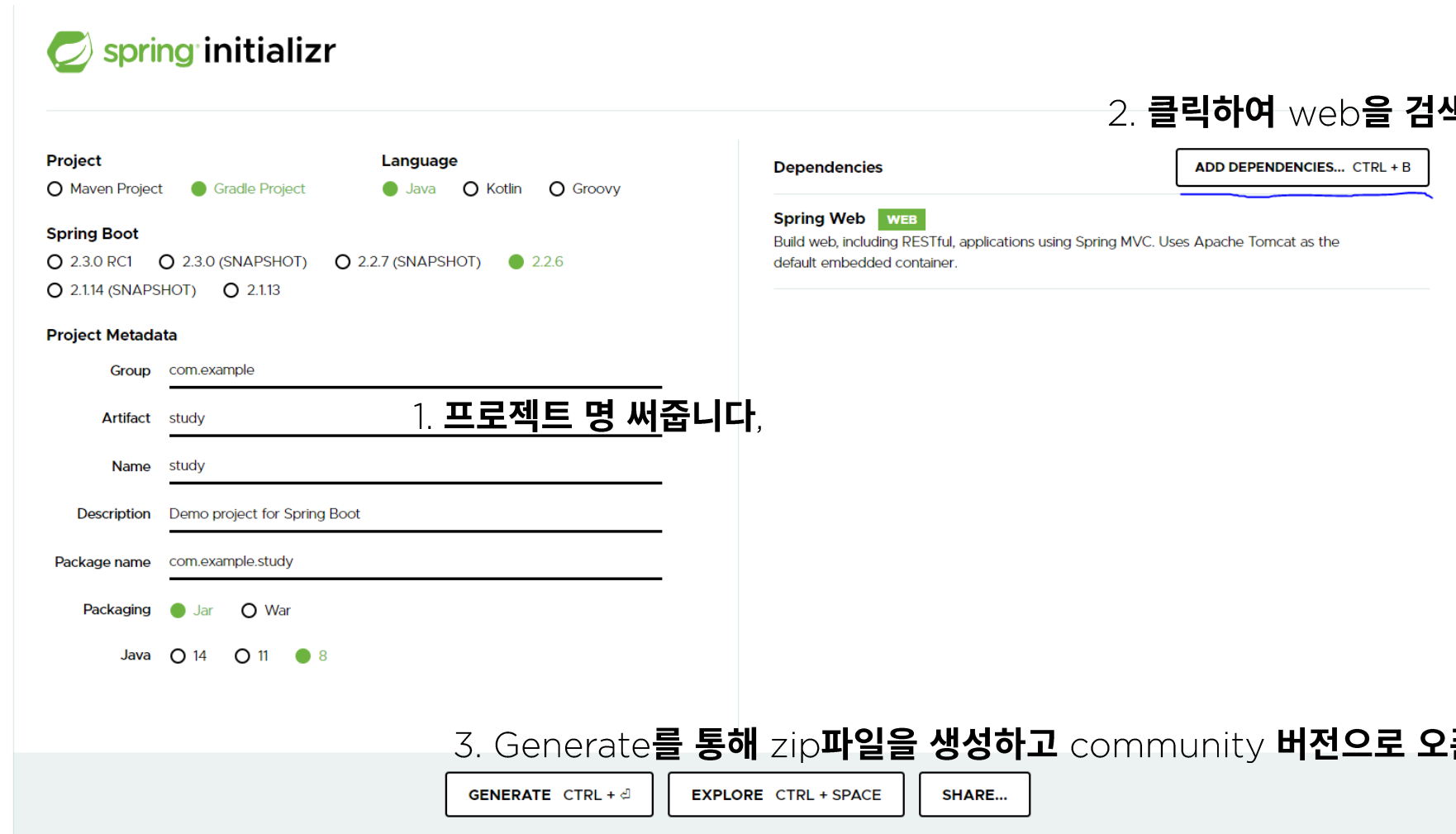
## 단점

- 자체 Spring initializr 없음
- 별도의 스프링부트 셋업 해주어야 함
- 라이선스에 따라 사용 못하는 도구가 있음

라이선스	상업용	오픈 소스, Apache 2.0 ⓘ
Java, Kotlin, Groovy, Scala	✓	✓
Android ⓘ	✓	✓
Maven, Gradle, sbt	✓	✓
Git, SVN, Mercurial	✓	✓
디버거	✓	✓
프로파일링 도구 ⓘ	✓	×
Spring, Java EE, Micronaut, Quarkus, Helidon 및 그 외 다양한 지원 ⓘ	✓	×
Swagger, Open API 사양	✓	×
JavaScript, TypeScript ⓘ	✓	×
데이터베이스 도구, SQL	✓	×
Detecting Duplicates ⓘ	✓	×

# 셋업 방법

<https://start.spring.io/>



The image shows the Spring Initializr web form. It is divided into several sections: Project, Language, Spring Boot, Project Metadata, Dependencies, and a bottom bar with buttons.

**Project**

☐ Maven Project ☒ Gradle Project

**Language**

☒ Java ☐ Kotlin ☐ Groovy

**Spring Boot**

☐ 2.3.0 RC1 ☐ 2.3.0 (SNAPSHOT) ☐ 2.2.7 (SNAPSHOT) ☒ 2.2.6

☐ 2.1.14 (SNAPSHOT) ☐ 2.1.13

**Project Metadata**

Group

Artifact

Name

Description

Package name

Packaging ☒ Jar ☐ War

Java ☐ 14 ☐ 11 ☒ 8

**Dependencies**

**Spring Web** ☒ WEB

Build web, including RESTful, applications using Spring MVC. Uses Apache Tomcat as the default embedded container.

**Buttons:**

1. 프로젝트 명 써줍니다,

2. 클릭하여 web을 검색한 뒤 추가해줍니다

3. Generate를 통해 zip파일을 생성하고 community 버전으로 오픈 해주면 됩니다

# 확인 사항

1. 패키지가 하위 항목으로 표시되어 있으면 gradle 빌드가 아직 되지 않은 것 입니다

3. 우측의 gradle을 클릭하고, 새로그침을 진행합니다

2. Successful 메시지가 나올 때 까지 기다려주세요