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Installed Java Development Kit (JDK) on Slackware 14.2

Java Development Kit (JDK) is one of package that needed in order to do Java Programming, and Java Runtime Environment is minimal package that you need in order to run Java program (including Java web plugins). My purpose is to be able coding and develop Java program, so between those package I just need to install JDK.

Sadly many Linux Distribution is no longer allowed to ship Java binary packages in their release due to Oracle's License. Oracle's License actually was not a big problem, they just stated that Oracle's JDK binary is not allowed to *re-distribute* and they just allowed to compile the binary from openJDK code base which is also the main base of Oracle's JDK before added with Oracle's proprietary code.

Slackware itself already give a docs about how to install JDK in here. We still can used Oracle's JDK, but I want to emphasize more in open source JDK openJDK as full open source alternative, here is my experience set up openJDK on Slackware 14.2.

How to Install openJDK 8

Be grateful as Slackware user we can easily get openJDK binary package because Eric Hameleers already provided openJDK 7 and openJDK 8 in his repository. Beware, Eric already stated that you can't installed both openJDK version 7 and 8 because they use same installation directory, so chose which one that most suited with your project and in my case I chose openJDK 8.

The most I loved about Eric package is he always give you a choice to use his scripts and package to build some applications or you can used his *pre-compiled* package, well you know sometimes it will take a long time to build a package and it will be more easier to use his *pre-compiled* packages to saving a time and after downloaded it we just need to run command as super user (root) below:

upgradepkg—install-new openjdk-8u121_b13-x86_64–1alien.txz

Setting PATH Environment

Before we can use Java Compiler, we need to setting the PATH environment which is can be done using CLI as super user (root) and run command below.

export JAVA_HOME=/usr/lib64/java
export MANPATH="${MANPATH}:${JAVA_HOME}/man"
export PATH="${PATH}:${JAVA_HOME}/bin:${JAVA_HOME}/jre/bin"

Unlike many package that will automatically updated, after setting Java PATH environment we need to log out and then log in again into our machine in order to make it's work. Finally, you can test your Java with command bellow.

javac -version
java -version

That's all you need to install an openJDK in Slackware 14.2.

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