

## JAVA SDK transfer and configuration

### Ubuntu

Edit /usr/local/java/.profile:

1.export JAVA\_HOME="/usr/local/java/jdk1.8.0\_20

change original jdk version to jdk1.8.0\_20

2. source .profile and you will see

mac@ubuntu:~\$ java -version

java version "1.8.0\_20"

Java(TM) SE Runtime Environment (build 1.8.0\_20-b26)

Java HotSpot(TM) 64-Bit Server VM (build 25.20-b23, mixed mode)

3. if you did not see result of step2, you can use another approach:

sudo update-alternatives --install /usr/bin/java

java/usr/local/java/jdk1.8.0\_20/bin/java 255

sudo update-alternatives --install /usr/bin/javac javac

/usr/local/java/jdk1.8.0\_20/bin/javac 255

255 is priority level, it is used when use automatic jdk chosen mode, if priority number is bigger, the priority is higher.

Java is run time virtual machine, and Javac is complier.

We use following command to update jdk version:

sudo update-alternatives --config java

Selection	Path	Priority	Status
0	/usr/lib/jvm/java-7-openjdk-amd64/jre/bin/java	1071	auto m
1	/usr/lib/jvm/java-7-openjdk-amd64/jre/bin/java	1071	manual
2	/usr/local/java/jdk1.7.0_67/bin/java	255	manual
* 3	/usr/local/java/jdk1.8.0_20/bin/java	255	manual

Similarly, we need to update java complier version, too:

sudo update-alternatives --config javac

There are 2 choices for the alternative javac (providing /usr/bin/javac).			
Selection	Path	Priority	Status
0	/usr/local/java/jdk1.8.0_20/bin/javac	255	auto mode
1	/usr/local/java/jdk1.7.0_67/bin/javac	255	manual mode
* 2	/usr/local/java/jdk1.8.0_20/bin/javac	255	manual mode
Press enter to keep the current choice[*], or type selection number:			

Then, you can see java -version:

```
mac@ubuntu:/$ java -version
java version "1.8.0_20"
Java(TM) SE Runtime Environment (build 1.8.0_20-b26)
Java HotSpot(TM) 64-Bit Server VM (build 25.20-b23, mixed mode)
```

4. Now, we open eclipse, browsing Window->Preference->java->Installed JREs, in right panel, we see button Search usr/local/java/jdk1.8.0\_20 and check it.

