

Install java on Ubuntu

Step 1: decide which implementation and version to install

<https://askubuntu.com/questions/48468/how-do-i-install-java>

Installation of default jdk/jre ubuntu

Step 2: See if it is already installed :

```
sudo apt update
java -version
```

Step 3: install the default jre:

```
sudo apt install default-jre
java -version
```

Step 4: install jdk to compile programs

```
javac -version
```

```
sudo apt install default-jdk
```

```
javac -version
```

Step 5: define JAVA_HOME variable

See (or select if many) the installed version

```
sudo update-alternatives --config java
```

set the environment variable:

```
sudo nano /etc/environment
```

```
JAVA_HOME="/usr/lib/jvm/java-11-openjdk-amd64/bin/"
```

load the environment variables

```
source /etc/environment
```

verify the new variable:

```
echo $JAVA_HOME
```

Useful links:

<https://askubuntu.com/questions/48468/how-do-i-install-java>

<https://www.digitalocean.com/community/tutorials/how-to-install-java-with-apt-on-ubuntu-18-04>

<https://tecadmin.net/install-openjdk-java-ubuntu/>