Java Installation Guide

1. Verify Installation with the following command.

java -version

If you do not have Java installed/ are using a version < 6, proceed with the following steps.

1. Download the latest version of JDK from [here](https://www.oracle.com/java/technologies/downloads/). At the time of writing this document, the latest version is JDK 17, and the file is “[jdk-17\_linux-x64\_bin.tar.gz](https://download.oracle.com/java/17/latest/jdk-17_linux-x64_bin.tar.gz)”.
2. Extract the files

cd /path/to/download

tar -zxf jdk-17\_linux-x64\_bin.tar.gz

(replace filename accordingly)

(`ls` to note the name of the extractemkdir d file)

1. Move the files to opt directory

sudo mkdir /opt/jdk

sudo mv jdk-17.0.2 /opt/jdk/

(replace `jdk-17.0.2` with the name of your extracted file)

1. Set Path

To set path and JAVA\_HOME variable, add the following commands to your ~/.bashrc file.

export JAVA\_HOME=/opt/jdk/jdk-17.0.2

export PATH=$PATH:$JAVA\_HOME/bin

(replace `jdk-17.0.2` with the name of your extracted file)

To apply all changes:

source ~/.bashrc

1. Change Java Alternatives

update-alternatives –install /usr/bin/java java \ /opt/jdk/jdk-17.0.2/bin/java 100