**👉 TERMINAL LINUX 👈**

**1 . Install, reconfigure/repair and remove a packagename.deb file, by dpkg -i or by apt ?**

**- Install:**

sudo dpkg -i packagename.deb

sudo dpkg -i /path/to/deb/file

sudo apt install ./packagename.deb

sudo apt install /path/to/package/packagename.deb

**- Remove:**

sudo dpkg -r packagename.deb

**- Reconfigure/Repair an installed:**

sudo dpkg-reconfigure packagename.deb

Ex: *https://askubuntu.com/questions/40779/how-do-i-install-a-deb-file-via-the-command-line*

**2 . Install Unikey ?**

sudo apt-get install ibus-unikey

sudo add-apt-repository ppa:ubuntu-vn/ppa

sudo apt-get update

ibus restart

Ex: *https://vinasupport.com/huong-dan-cai-bo-go-tieng-viet-ibus-unikey-tren-ubuntu*

**3 . Install file.run ?**

chmod +x packagename.run

sudo ./packagename.run

Setup app install

**4 . Install JDK 8 and IDE ?**

**- JDK 8:**

- Downloads JDK 8 in *https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html*

- On Ubuntu is JDK 8: jdk-8u\*-linux-x64.tar.gz ***## 8u\* is version JDK***.

Ex: jdk-8u261-linux-x64.tar.gz

- Coppy and extract jdk-8u\*-linux-x64.tar.gz:

cd /usr/local/

sudo mkdir java

cd ~

cd Downloads

sudo cp -r jdk-8u\*-linux-x64.tar.gz /usr/local/java/

cd /usr/local/java

sudo tar xzf jdk-8u121-linux-x64.tar.gz

ls

- exit folder jdk1.8.0\_\* is extract successfully

- no exit folder jdk1.8.0\_\* is error

- Config path java:

sudo gedit /etc/profile

- add to the end of the file:

JAVA\_HOME=/usr/local/java/jdk1.8.0\_121

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

export JAVA\_HOME

export PATH

- Execute commands:

sudo update-alternatives --install "/usr/bin/java" "java" "/usr/local/java/jdk1.8.0\_\*/bin/java" 1

sudo update-alternatives --install "/usr/bin/javac" "javac" "/usr/local/java/jdk1.8.0\_\*/bin/javac" 1

sudo update-alternatives --install "/usr/bin/javaws" "javaws" "/usr/local/java/jdk1.8.0\_\*/bin/javaws" 1

sudo update-alternatives --set java /usr/local/java/jdk1.8.0\_\*/bin/java

sudo update-alternatives --set javac /usr/local/java/jdk1.8.0\_\*/bin/javac

sudo update-alternatives --set javaws /usr/local/java/jdk1.8.0\_\*/bin/javaws

java -version

- Display commands show is successfully:

java version “1.8.0\_121”

Java(TM) SE Runtime Environment (build 1.8.0\_121-b13)

Java HotSpot(TM) 64-Bit Server VM (build 25.121-b13, mixed mode)

javac -version

javac 1.8.0\_121

=> Install JKD 8 successfully!

Ex: *https://hongsonvx1.wordpress.com/2017/02/16/huong-dan-cai-dat-java-8-tren-linux*

**- IDE:**

- Download IDE

- Install (3).run