## Every command will be initiated from the terminal.

## Installing Sun Java on Newer versions of Ubuntu (10.04 an above), Linux Mint

Open the terminal and type the following:

sudo add-apt-repository ppa:webupd8team/java

sudo apt-get update

sudo apt-get upgrade

sudo apt-get install oracle-java7-installer

That should install the Sun Java version on your system. To change to it simply do the following in case you have other java alternatives:

sudo update-java-alternatives -s java-7-oracle

If you want the installation to be automatic type the following:

sudo echo oracle-java7-installer shared/accepted-oracle-license-v1-1 select true | sudo /usr/bin/debconf-set-selections

after that simply do the following to set the default environment variables:

sudo apt-get install oracle-java7-set-default

Note that the PPA includes versions 6, 7 and 8. So you can install any of them by simply changing the number in the installation line, for example:

sudo apt-get install oracle-java8-installer

Would install Java 8. After installing the Java version you wish to use and setting the version to the default with the update-java-alternatives command, you can check which version you are using by typing the following:

java -version

It will show you the default version you are using at that moment.

**Run the following command:**

sudo apt-get install git-core gnupg flex bison gperf libsdl1.2-dev libesd0-dev libwxgtk2.8-dev squashfs-tools build-essential zip curl libncurses5-dev zlib1g-dev pngcrush schedtool libxml2 libxml2-utils xsltproc g++-multilib lib32z1-dev lib32ncurses5-dev lib32readline-gplv2-dev gcc-multilib

**Now you need to set up your directories :**

mkdir -p ~/bin

mkdir -p ~/android

### **Install the repo command**

Enter the following to download the "repo" binary and make it executable (runnable):

$ curl https://dl-ssl.google.com/dl/googlesource/git-repo/repo > ~/bin/repo

$ chmod a+x ~/bin/repo

### Put the ~/bin directory in your path of execution

Make sure that the ~/bin directory you just created is in your [path of execution](http://wiki.cyanogenmod.org/w/Doc:_paths) so that you can easily run the repo command even when you're not in ~/bin. Assuming you are using the [BASH shell](http://en.wikipedia.org/wiki/Bash_shell), the default in recent versions of Ubuntu, you can set it like this:

$ export PATH=${PATH}:~/bin

### Initialize the ChameleonOS source repository

cd ~/android

repo init -u git://github.com/ChameleonOS/android.git -b jellybean-mr2.1

### Download the source code

repo sync