

## Tools Prerequisites for Ubuntu 24

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#### Install Virtualbox

Open Terminal and Execute below mentioned commands.

1. `sudo apt update`
- 2.
3. `sudo apt install curl wget gnupg2 lsb-release -y`
- 4.
5. `curl -fsSL https://www.virtualbox.org/download/oracle_vbox_2016.asc | sudo gpg --dearmor -o /etc/apt/trusted.gpg.d/vbox.gpg`
- 6.
7. `curl -fsSL https://www.virtualbox.org/download/oracle_vbox.asc | sudo gpg --dearmor -o /etc/apt/trusted.gpg.d/oracle_vbox.gpg`

1. `$ echo "deb [arch=amd64] http://download.virtualbox.org/virtualbox/debian $(lsb_release -sc) contrib" | sudo tee /etc/apt/sources.list.d/virtualbox.list`

1. `sudo apt update`
- 2.
3. `sudo apt install -y linux-headers-$(uname -r) dkms`
- 4.
5. `sudo apt install virtualbox-7.1 -y`

1. `sudo usermod -aG vboxusers $USER`
- 2.
3. `newgrp vboxusers`

## **Install Vagrant**

Open Terminal and Execute below mentioned commands.

1. `wget -O- https://apt.releases.hashicorp.com/gpg | gpg --dearmor | sudo tee /usr/share/keyrings/hashicorp-archive-keyring.gpg`
- 2.
3. `echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com $(lsb_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list`
- 4.
5. `sudo apt update`
- 6.
7. `sudo apt install vagrant -y`
- 8.
9. `sudo apt install libarchive-dev libarchive-tools -y`
- 10.

## **Install Git**

Open Terminal and Execute below mentioned commands.

```
sudo apt install git -y
```

## **Install jdk17**

```
sudo apt-get install openjdk-17-jdk -y
```

## **Install Maven**

```
sudo apt-get install maven -y
```

## **Install VSCode**

1. `sudo apt-get install wget gpg -y`
- 2.
3. `wget -qO- https://packages.microsoft.com/keys/microsoft.asc | gpg --dearmor > packages.microsoft.gpg`
- 4.
5. `sudo install -D -o root -g root -m 644 packages.microsoft.gpg /etc/apt/keyrings/packages.microsoft.gpg`
- 6.
7. `echo "deb [arch=amd64,arm64,armhf signed-by=/etc/apt/keyrings/packages.microsoft.gpg] https://packages.microsoft.com/repos/code stable main" | sudo tee /etc/apt/sources.list.d/vscode.list > /dev/null`
- 8.
9. `rm -f packages.microsoft.gpg`
- 10.
11. `sudo apt install apt-transport-https -y`
- 12.
13. `sudo apt update`
- 14.
15. `sudo apt install code -y`

## **Install Sublime Text**

```
$ sudo apt update
```

```
$ sudo apt install dirmngr gnupg apt-transport-https ca-certificates software-properties-common
```

```
$ curl -fsSL https://download.sublimetext.com/sublimehq-pub.gpg | sudo apt-key add -
```

```
$ sudo add-apt-repository "deb https://download.sublimetext.com/ apt/stable/"
```

```
$ sudo apt install sublime-text -y
```