

# For linux users

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## Install JDK tools

- Check if JDK is pre-installed

```
javac -version
```

- Type this command in the terminal

```
sudo apt install -y default-jdk default-jre ant
```

- Type these commands to verify your installation

```
javac -version
#javac 13.0.{x}
java -version
#java version "13.0.{x}"
which javac
#/usr/bin/javac
which java
#/usr/bin/java
```

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## Install SDK tools

### Method 1 : wget

- Download command lines tools

```
sudo wget https://dl.google.com/android/repository/sdk-tools-linux-4333796.zip
```

- Unzip the content

```
sudo apt install -y unzip
unzip sdk-tools-linux-4333796.zip -d ./android-sdk
```

### Method 2 : apt

- Type this command in the terminal

```
sudo apt install android-sdk
```

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## Add PATH Variables

- Execute these commands to set up environmental variables

```
export ANDROID_HOME=~/.Android/Sdk
export JAVA_HOME=/usr/bin
export PATH=$PATH:$ANDROID_HOME/platform-tools
export PATH=$PATH:$JAVA_HOME/bin

source ~/.bashrc
```

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## Install package managers

- Install pip

```
sudo apt install python3-pip
```

- Install npm

```
sudo apt install npm
```

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## Install appium

- Type this command in the terminal

```
sudo npm install -g appium
```

## Verify dependencies

- Type this command in the terminal

```
sudo npm install -g appium-doctor
```

- Start the dependency checker

```
appium-doctor --android
```