

# How to Install Titanium Studio on Linux/Ubuntu

This is done with Ubuntu 12.04 32-bit, but will probably also work for newer versions. See Appcelerator's own documentation for 64-bit differences. This will be referring to Titanium Studio as TS. Install Ubuntu 12.04 (32-bit) - if not...

Part 1 of 5:

## Set up Ubuntu

1. **Install Ubuntu 12.04 (32-bit) - if not already installed.**
2. **To ensure TS has the permissions it needs we want to login as root to our desktop environment.** To do so we need to make sure root has a password and then make it possible to login to root from the login screen. Afterwards reboot and login as root.

1. `sudo passwd root`

2. `sudo sh -c 'echo "greeter-show-manual-login=true" >> /etc/lightdm/lightdm.conf'`

3. **Update your system further with these commands.** The last one is mainly for installing node.js in the next step.

1. `sudo apt-get install libjpeg62 libwebkitgtk-1.0-0`

2. `echo 'export MOZILLA_FIVE_HOME=/usr/lib/mozilla' >> ~/.bashrc`

3. `sudo apt-get install git-core curl build-essential openssl libssl-dev`

Part 2 of 5:

## Install Java

1. **Install Oracle JDK 7.** Titanium will not work with OpenJDK so make sure you uninstall that first if you have it.

1. `sudo apt-get install software-properties-common`

2. `sudo add-apt-repository ppa:webupd8team/java`

3. `sudo apt-get update`

4. `sudo apt-get install oracle-java7-installer`

Part 3 of 5:

## **Install node.js**

### **1. Clone the Node.js repository**

1. `git clone https://github.com/joyent/node.git`

2. **Show node.js versions available in the repository and select one.** I chose to install version 0.10.28 which seems to work just fine.

1. `cd node`

2. `git tag #`

3. `git checkout v0.10.28`

### **3. Compile and install it**

1. `./configure`

2. `make`

3. `sudo make install`

### **4. Check that it was installed correctly:**

1. `node -v`

5. **Install the package manager NPM.** With the second command you just check that it is installed correctly.

1. `sudo apt-get install npm`

2. `npm -v`

Part 4 of 5:

## Install Android SDK

1. **Download the SDK bundle from Android developer site**
2. **Extract the 'sdk' folder from the zip file which is named something like 'adt-bundle-linux-x86-20140321.zip' to a desired location, eg. somewhere in your home folder.**

1. Syntax of the unzip command:

```
unzip [zipfile] -d [destination-folder]
```

3. **Start the Android SDK Manager:**

1. `sudo /your/sdk/folder/tools/./android`

4. **Check the Tools and the APIs you want to install, then click Install package and follow on screen instructions.** Let it complete the downloads.

1. Minimum API 10, which is Android 2.3.3, must be installed.

Part 5 of 5:

## Install Titanium Studio

1. **Download the latest Titanium Studio from Appcelerator (account required) and unzip to any desired folder.**
2. **Start TS by opening the file 'TitaniumStudio' in the location you unzipped the file, and let it install its latest updates when it asks to do so.**

1. `./TitaniumStudio`

2. When asked indicate the location of your workspace.

3. **After updates are installed it will ask which SDKs to install.** Select the Android SDK and select Settings. Instead of selecting which SDKs you want, enter the path to the 'sdk' folder that unzipped earlier.
4. **We are done!**

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