

Mobile APPS: **Distribution/Installation/Logs**

How to enable Developers Options ?

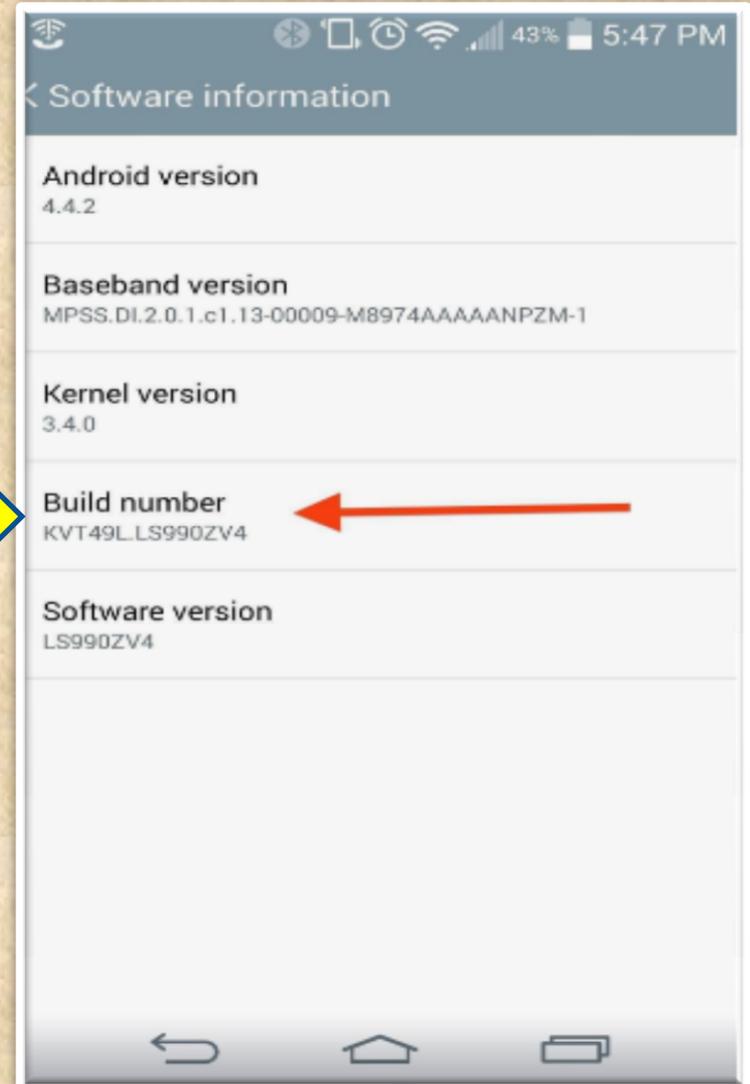
1. Enable USB debugging in the device system settings, under **Developer options**.



2. To make it visible, go to **Settings > About phone** and tap **Build number seven times**.



3. Return to the previous screen to find **Developer options** at the bottom.



Mobile APPS: *Distribution/Installation/Logs*

(contin.) How to enable Developers Options ?

Open Developers Options



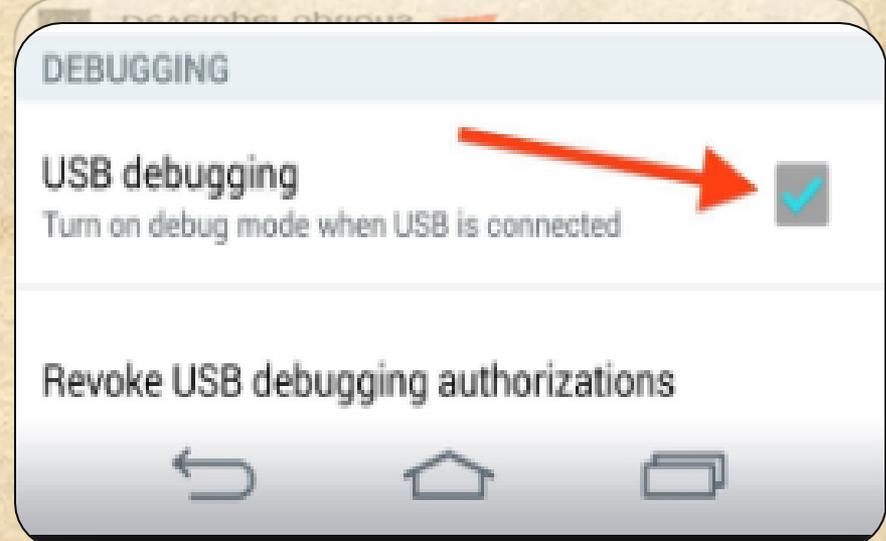
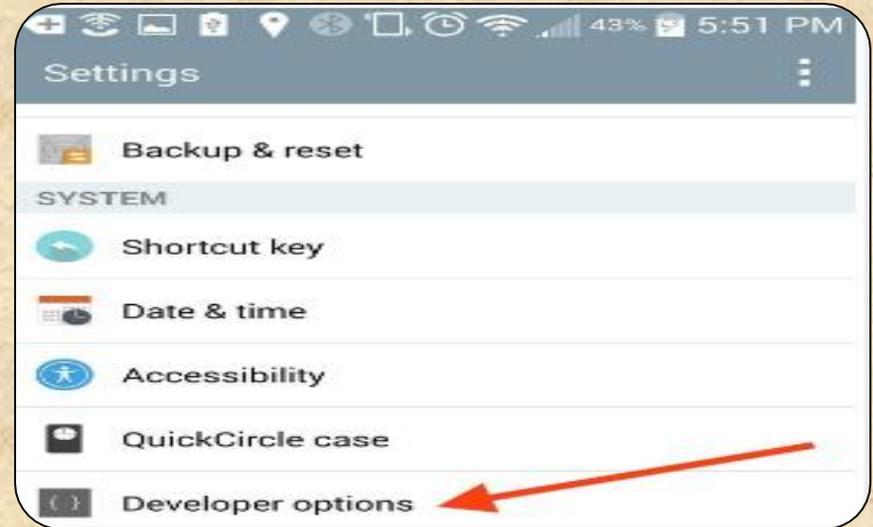
Check the box USB debugging.



This setting will allow you to connect your device to your computer, then issue **fastboot** commands via **ADB**.



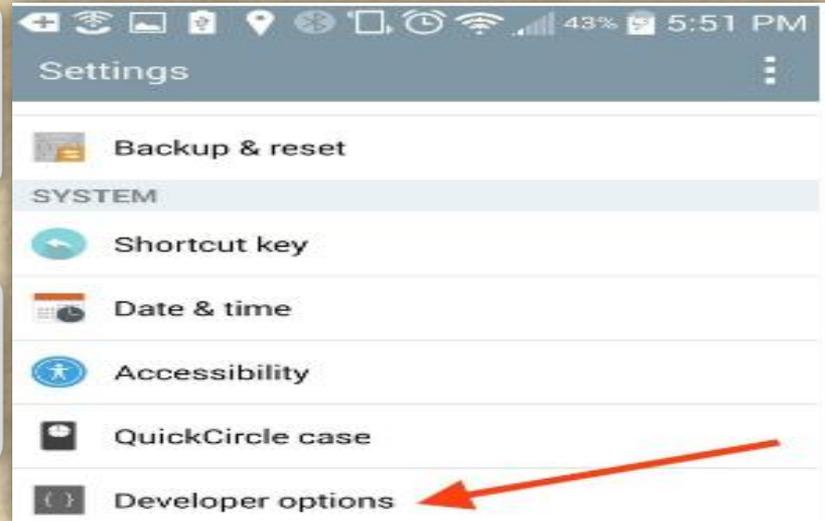
This is useful for rooting, unlocking bootloaders, **installing recoveries**, and a ton more.



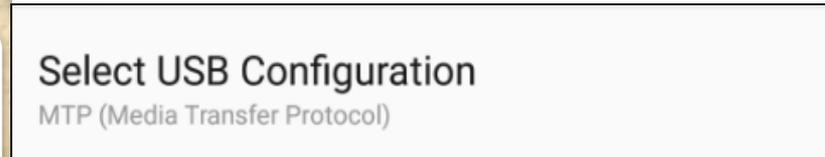
Mobile APPS: *Distribution/Installation/Logs*

Do I have a correct USB Configuration on my Device?

Open Developers Options



Tap on “Select USB Configuration” Menu



Make sure it's set to MPT

(Media Transfer Protocol)



Having a problem with your PC detecting your Device? This might be a solution.

Mobile APPS: *Distribution/Installation/Logs*

How to make your device “Authorized” in Android Studio ?

Open Developers Options



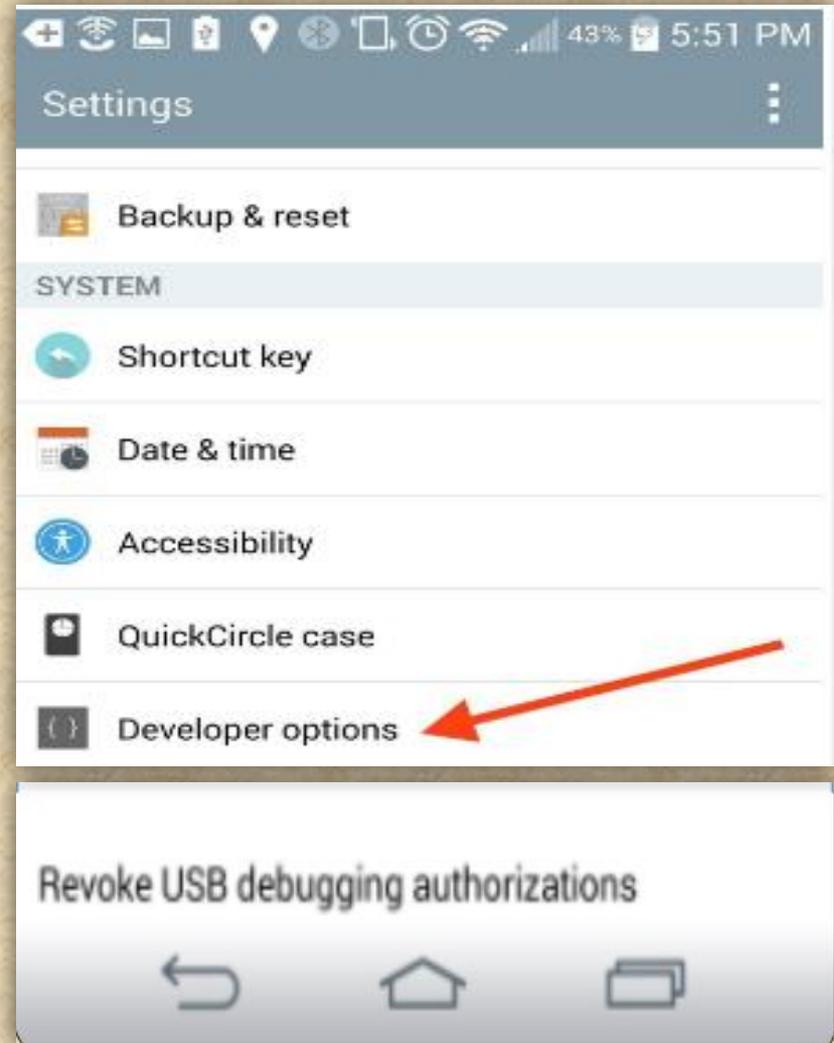
Tap on
“Revoke USB Debugging
Authorization”



Tap OK when message pops up
“revoke access to USB debugging..”



Disconnect and then connect USB cable to your
PC/Laptop
Sometime you will need to turn off and back ON
Developers Options menu (don't forget to check
USB debugging box again)



Mobile APPS: **Distribution/Installation/Logs**



Android Studio

Powered by IntelliJ Platform

Mobile APPS: *Distribution/Installation/Logs*



What is
Android Studio?

Android Studio is the official integrated development environment (IDE) for **Android** platform development.

The official language for Android development is **Java**. Large parts of Android are written in **Java** and its APIs are designed to be called primarily from **Java**.

It is possible to develop C and C++ apps using the Android Native Development Kit (NDK), however it isn't something that Google promotes.



What is ADB in Android Studio

Android Debug Bridge (adb) is a versatile command line tool that lets you communicate with an emulator instance or connected Android-powered device.

It is a client-server program that includes three components:

A **client**, which sends commands. The client runs on your development machine. You can invoke a client from a shell by issuing an adb command. Other Android tools such as DDMS also create adb clients.

A **daemon**, which runs commands on a device. The daemon runs as a background process on each emulator or device instance.

A **server**, which manages communication between the client and the daemon. The server runs as a background process on your development machine.