Android Debug Bridge (ADB)

Android Debug Bridge (ADB) commands, a tool that Google offers for developers to debug various parts of their applications or the system.

There are three components that make up the entire process.

1. The client, i.e. the PC or Mac you have connected to your Android device. We are sending commands to our device from the computer through the USB cable or wirelessly.

2. A daemon (known as "adbd"), which runs commands on a device. The daemon runs as a background process on each device.

3. A server, which manages communication between the client and the daemon. The server runs as a background process on the PC/Mac.

adb devices - check to make sure the daemon is running.

Print a list of connected devices: adb devices

Kill the ADB server: adb kill-server

Install an application: adb install <path\_to\_the\_APK\_file>

Set up port forwarding: adb forward tcp:6100 tcp:7100

Copy a file/directory from the device: adb pull <path\_to\_the\_remote\_object> <path\_to\_the\_local\_destination>

Copy a file/directory to the device: adb push <path\_to\_the\_local\_object> <path\_to\_the\_remote\_destination>

Initiate an ADB shell: adb shell