

<https://blog.salvationdata.com/2020/06/05/case-study-mobile-forensics-forensic-data-extraction-from-android-devices-using-adb-android-debug-bridge-part-ii/>

## Server and Device Management:

- **adb start-server** : Starts the ADB server.
- **adb kill-server** : Stops the ADB server.
- **adb usb** : Restarts the ADB connection over USB.
- **adb version** : Displays the ADB version number.
- **adb devices** : Lists all connected Android devices and their status.
- **adb get-state** : Shows the current state of a device (offline, bootloader, or device).
- **adb get-serialno** : Retrieves the serial number of the connected device.
- **fastboot devices** : Lists devices connected in fastboot mode.

## File and Package Management:

- **adb shell ls** : Lists the files in a directory on the device.
- **adb push [source] [destination]** : Copies files from your computer to the Android device.
- **adb pull [source] [destination]** : Copies files from the Android device to your computer.
- **adb install [path/to/apk]** : Installs an application from an APK file.
- **adb uninstall [package-name]** : Uninstalls an application.
- **adb shell pm list packages** : Lists all installed application packages.

## Device Control and Data:

- **adb backup -all** : Creates a full backup of the device and application data.
- **adb restore [path/to/backup.adb]** : Restores a previously created backup.
- **adb reboot recovery** : Reboots the device into recovery mode.
- **adb reboot bootloader** : Reboots the device into bootloader mode.
- **adb reboot fastboot** : Reboots the device into fastboot mode.
- **adb shell** : Starts a remote shell on the device.
- **adb shell screencap [path/to/screenshot.png]** : Takes a screenshot of the device.
- **adb shell screenrecord [path/to/record.mp4]** : Records the device's screen.
- **adb shell am** : Activity Manager commands to perform system actions.

- **adb shell pm** : Package Manager commands for actions and queries on app packages.