



Android Cheat Sheet

Android Debug Bridge (ADB)

What is Android Debug Bridge?

ADB is a powerful command-line tool for issuing commands to your Android device. You can use it to generate bug reports, view info about a device, and install standalone Android packages. ADB offers many of the same advantages as SSH but it shouldn't be used for currently deployed devices.

Most common ADB commands

The following overview lists the most common ADB shell commands for Android.

Connectivity

adb start-server

Start the adb server on your computer. Will be executed automatically.

adb kill-server

Close local adb server on your computer.

adb connect <ip>

e.g.: adb connect 192.168.0.10

Connect to a specific device via IP or device name

adb devices

Lists all devices in the network with enabled adb client.

adb disconnect

Disconnect from a specific device.

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File Handling

```
adb push <local filepath> <device filepath>
```

e.g.: adb push mybootanimation.zip /oem/media/bootanimation.zip

Transfers a local file from your computer to the specified filepath on the device

```
adb pull <device filepath> <local filepath>
```

Transfers a file from the device to your local computer

APK Handling

```
adb install <apk path>
```

e.g.: adb install myapplication.apk

Installs a local apk on the connected device

```
adb uninstall <packagename>
```

Uninstalls the specified package from the device

Debugging

```
adb logcat
```

Prints Android logs in your local shell. Can also be piped into a file.

```
adb bugreport
```

Creates a comprehensive bugreport from the connected device and saves it to your computer.

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Device Handling

adb root

Gives you additional right. For example to access the /system partition on the device.

adb remount

Remounts the /system partition to be writable

adb reboot

Reboots the connected device

adb shell

Connects you to the shell of the connected device

Device Shell

adb shell input text <any text>

Emulates keystrokes on the device. No need to type things out on your device. Just copy and paste it into your shell.

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