ADB cheatsheet

ADB →

- android debug bridge.
- Control devices with CLI.
- Phone should be Rooted to get most out of adb commands.

Check devices list →
```
adb devices
```

To specify the device when multiple devices are present. →
```
adb -s <device id>
```

Show all properties of the device →
```
adb shell getprop
```

Get specific property value →
```
adb shell getprop <property identifier>
```

Update specific property value of the device →
```
adb shell setprop <property identifier>
```

Get inside the shell of the device →
```
adb shell
```

To push files from local to the device →
```
adb push <local file path> <location to push in phone>
```

To pull files from phone to local →
```
adb pull <location of file on phone> <local target path>
```

To execute command in the device →
```
adb exec-out <any command>
```

To take a screenshot of the device →
```
adb exec-out screencap -p <name of file>.png
```

Screen record the device → this command will not auto-return. To stop the recording you need to cancel the command.

```
adb shell screenrecord "<path on device to store that recording>.mp4"
```

User inputs from the CLI → this can be useful to write automated scripts to make developer life easier.

```
adb shell taps
```
(Making tap inputs to the device)
```
adb shell text
```
(making text inputs to the device)
```
adb shell keyevents
```
(making fixed fixed of events to the device)

List of all packages in the device → pm is the package manager

```
adb shell pm list packages
```

Get inside any package internal storage → it will work only when the package is debuggable.

```
run-as <package name>
```