

CYBR 470/570 Reverse Engineering

Lab 6, Android cats - Due, May 14, 2025

May 8, 2025

Android baby steps

Let's take it easy this week and just get used to getting log files in android. Android has really good logging using `logcat` via `adb`. I don't have enough phone for everyone, so work in pairs. Feel free to use your own android phone if you want.

Android – adb

1. Install `adb` the Android Debug Bridge.
 - This will be operating system dependant.
 - In most Linux distributions the package is `android-tools`
2. Get the phone into “developer mode” (tap “Build number” 7 times).
 - Enable “USB debugging” on the phone.
3. Run `adb logcat -d -v color`
 - Take a screen shot of what you see.
4. Figure out how to show only Warnings and Errors.
 - **Provide the command and a screenshot.**
5. Figure out how to filter for a specific warning.
 - **Provide the command and a screenshot.**
6. Install an application via `adb install <APPNAME>`
 - Get an application from f-droid.org
 - **Include a screen shot of the terminal after successful installation.**

Turn in

Turn in a 1-2 page PDF documenting your process. Be sure to provide the screen shots and commands requested.