Diff-Droid
Dynamic Analysis for Android Apps
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Why?

- Need for a quick and easy Android application instrumentation tool
- Existing tools: Xposed / Cydia / ADBI
- Required to make device level changes
- Some Frameworks require you to write code in Java / C
What Does it Solve?

- Quick and Easy Instrumentation with no / minimal device changes
- Standalone Server to be run on the device
- Possible to Instrument without root
- Can Instrument Java and Native Code
- Graceful Exception Handling
- Changes are not persistent / no –reboots required
- Uses the standard p-trace api
- Instrumentation code written in JavaScript
Demo Time
Android and ART support keeps getting better every day thanks to @NowSecureMobile. Exciting releases ahead, stay tuned.
How do I get started / contribute?

- Frida Documentation @ https://frida.re
- Community written articles
- Open-source tools: firedump, frida-trace, appmon, cryptoshark
- Irc @ freenode #frida
- Developer Twitter @frida
Source with Documentation

- [https://github.com/antojoseph/diff-gui](https://github.com/antojoseph/diff-gui)

- Pull requests / Feature Requests / Bug Reports are Welcome
THANKS FOR LISTENING!!!!

ANY QUESTIONS?