

Diff-Droid

Dynamic Analysis for Android Apps

TWITTER : @ANTOJOSEP007

Why ?

- ▶ Need for a quick an easy Android application instrumentation tool
- ▶ Existing tools : Xposed / Cydia / ADBI
- ▶ Required to make device level changes
- ▶ Some Frameworks requires 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





Frida
@fridadotre



Following

Android and ART support keeps getting better every day thanks to @NowSecureMobile. Exciting releases ahead, stay tuned.

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9

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11:27 AM - 2 Nov 2016



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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>
- ▶ Pull requests / Feature Requests / Bug Reports are Welcome

THANKS FOR LISTENING!!!!

ANY QUESTIONS?

