Diff-Droid

Dynamic Analysis for Android Apps

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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

Android and ART support keeps getting be
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