


# Frida inject: 1346 Dynamic instrumentation toolkit Frida detected

Based on [📺 Getting Started with Frida](#)

1) `pip install frida-tools` # install frida using pip or pip3 - **Python needed!**

2) check installation with `frida --version`

3) install and create emu device on Android Studio - **create x86-64 device!**



Pixel 4a API 86  
Android API 34 Google APIs | x86\_64

For installation, you need an ADB tool which you can use from Android SDK (Software Development Kit), or use Android studio tool which will have an inbuilt ADB in Android studio SDK path. Example for kali Linux — it will be in `/root/Android/Sdk/platform-tools/path`

4) download **Frida Server** for Android at [📄 Releases · frida/frida](#) and rename to `frida-server`

Once you downloaded the frida server zip file, unzip it, and rename the filename into “frida-sever”.

i.e. `frida-server-16.1.5-android-x86-64.xz`

5) move Frida Server to Android device using shell

```
adb push frida-server /data/local/tmp/
```

6) change permissions for this folder

**Step 2:** Change the permission of the frida-server file.

**\$ adb shell “chmod 755 /data/local/tmp/frida-server”**

**\$ adb shell “/data/local/tmp/frida-server &”;**

7) download and put hook.js [📄 hook.js](#) in your working dir to use it in shell;

8) launch your **x86-64 device in Android Studio and install app with FP SDK;**

9) execute

```
frida -U -f com.group_ib.demobank -l ./hook.js (where com.group_ib.demobank is protected app)
```

10) expected output:

```

-uz/hook.js

  /---|   Frida 16.1.5 - A world-class dynamic instrumentation toolkit
 | ( _ |
  > _ |
  /_/_|_ |
  . . . .   Commands:
  . . . .   help      -> Displays the help system
  . . . .   object?   -> Display information about 'object'
  . . . .   exit/quit -> Exit
  . . . .
  . . . .   More info at https://frida.re/docs/home/
  . . . .
  . . . .   Connected to Android Emulator 5554 (id=emulator-5554)
Spawned `com.group_ib.demobank`. Resuming main thread!
[Android Emulator 5554::com.group_ib.demobank ]->

```

```

dvolchikov-uz@tskt-inv-346:~$ adb shell
emu64xa:/ # logcat | grep frida
11-08 19:07:16.584 6118 6168 V GIBSDK :      FileExists: ["frida-agent-64.so"]
11-08 19:07:55.197 6252 6297 V GIBSDK :      FileExists: ["frida-agent-64.so"]
11-09 13:18:14.137 9562 9609 V GIBSDK :      FileExists: ["frida-agent-64.so"]
11-09 14:11:54.761 10456 10501 V GIBSDK :      FileExists: ["frida-agent-64.so"]
11-09 14:12:03.835 10570 10617 V GIBSDK :      FileExists: ["frida-agent-64.so"]
11-09 14:13:32.513 10682 10727 V GIBSDK :      FileExists: ["frida-agent-64.so"]
11-09 14:15:11.790 11681 11727 V GIBSDK :      FileExists: ["frida-agent-64.so"]
11-09 15:32:56.817 12346 12392 V GIBSDK :      FileExists: ["frida-agent-64.so"]

```

logcat output should contain GIBSDK message

11)That's it folks!

