📁 Android Public Tracker > App Development > Android Studio > Emulator   301393772 ▾

← C ☆ **Android Studio Device Mirror doesn't work for Emulator**   +1   Hotlists (1)   Mark as Duplicate   🔔   ⋮

Comments (4)   Dependencies   Duplicates (0)   Blocking (0)   Resources (4)

WAI   Bug   P3   + Add Hotlist

👥 **STATUS UPDATE** No update yet.   Edit

📄 **DESCRIPTION** ab...@gmail.com created issue #1

Context

Emulator deployed to docker (via Portainer) with `docker-compose.yaml`:

```
version: '3'

services:
  android-30-google-x64:
    image: us-docker.pkg.dev/android-emulator-268719/images/30-google-x64:30.1.2
    environment:
    - |
      ADBKEY=
      -----BEGIN PRIVATE KEY-----
      ...
      -----END PRIVATE KEY-----
    - EMULATOR_PARAMS=-no-audio
    devices:
    - "/dev/kvm:/dev/kvm"
    ports:
    - 8554:8554/tcp
    - 5554:5554/tcp
    - 5555:5555/tcp
    volumes:
    - home:/android-home

volumes:
  home:
    external: true
```

Problem

When I'm trying to mirror the screen it ended up with:

🔗Screenshot

Also, I see a hard crash in logcat

```
09-21 11:14:22.941   864    864 F app_process: java_vm_ext.cc:577] JNI DETECTED ERROR IN APPLICATION: the return type of CallStaticObjectMethodV does not matc
09-21 11:14:22.941   864    864 F app_process: java_vm_ext.cc:577]     in call to CallStaticObjectMethodV
09-21 11:14:22.941   864    864 F app_process: java_vm_ext.cc:577]     from void com.android.tools.screensharing.Main.nativeMain(java.lang.String[])
```

I understand that the mirror feature is announced primary for physical devices, but it will be nice to have it for Emulator too

Workarounds

- https://www.vysor.io - works without issues

Android Studio details

```
Build: AI-222.4459.24.2221.10121639, 202305120703,

AI-222.4459.24.2221.10121639, JRE 17.0.6+0-17.0.6b802.4-9586694x64 JetBrains s.r.o., OS Mac OS X(x86_64) v13.5.2, screens 3584.0x2240.0; Retina

AS: Flamingo | 2022.2.1 Patch 2
Kotlin plugin: 222-1.8.20-release-AS3739.54
Android Gradle Plugin: 7.3.1
Gradle: 8.1.1
Gradle JDK: Oracle OpenJDK version 11.0.2
NDK: from module: 25.1.8937393, from local.properties: (not specified), latest from SDK: 22.1.7171670
CMake: from local.properties: (not specified), latest from SDK: 3.18.1-g262b901, from PATH: 3.26.3
Source: send_feedback_icon

IMPORTANT: Please read https://developer.android.com/studio/report-bugs.html carefully and supply all required information.
```

Screenshot 2023-09-21 at 1.17.25 PM.png
37 KB   View   Download

sdk_gphone_x86_64_arm.logcat.txt
2.5 MB   View   Download

sdk_gphone_x86_64_arm.pid864.logcat.txt
65 KB   View   Download

✓ Links (4)

🔗 Links (4)

"https://github.com/google/android-emulator-container-scripts/assets/2169738/cda05e48-39d4-…"

"https://www.vysor.io - works without issues"

"https://us-docker.pkg.dev/v2/_catalog - require authorization https://github.com/google/android-emulator-container-scripts/blob/master/REGISTRY.MD - looks outdated"

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COMMENTS

bi...@google.com <bi...@google.com>

Assigned to an...@google.com.

bo...@google.com <bo...@google.com> #2

Reassigned to sp...@google.com.

have you tried more recent apis ? such as 33/34

sp...@google.com <sp...@google.com> #3

Status: Won't Fix (Intended Behavior)

Device mirroring is intended for physical devices and doesn't support emulators. The primary reason for that is slowness of video encoding on emulators. The error message "the return type android.view.SurfaceControl.openTransaction()" is probably due to a deviation of the emulator system image from API 30.

Message last modified on   Sep 28, 2023 04:46AM

ab...@gmail.com <ab...@gmail.com> #4

Unfortunately I cannot find actual list of docker images.

https://us-docker.pkg.dev/v2/_catalog - require authorization https://github.com/google/android-emulator-container-scripts/blob/master/REGISTRY.MD - looks outdated

Is there a way how can I get list of latest docker images for android emulator?