MediaCodec callback maybe called after the MediaCodec object has already in the finalization queue

Infeasible Bug P3 + Add Hotlist NeedsInfo

STATUS UPDATE No update yet. Edit

DESCRIPTION dr...@gmail.com created issue #1 Mar 25, 2020 03:56PM

https://android.googlesource.com/platform/frameworks/base/+/7df882e039e15d1efb2d9cf870d6d5b232d01f92/media/jni/android_media_MediaCodec.cpp#898

The code is triggering MediaCodec callbacks directly with a WeakGlobalRef without first acquiring a LocalRef and may happen after a MediaCodec.Callback object and objects it references are finalized but before the MediaCodec instance.
We are seeing random crashes where the callback operates on a native pointer which has already been freed in finalize.

Links (2) Hide all

"https://android.googlesource.com/platform/frameworks/base/+/7df882e039e15d1efb2d9cf870d6d5b232d01f92/media/jni/... " dr...@ #1
"For steps to capture a bug report, please refer: https://developer.android.com/studio/debug/bug-report#bugreportdevice" vi...@ #2

COMMENTS All comments Oldest first

vi...@google.com <vi...@google.com> #2 May 28, 2020 04:05PM

Assigned to vi...@google.com.

Thank you for reporting this issue. For us to further investigate this issue, please provide the following additional information:

Android build
Which Android build are you using? (e.g. KVT49L)

Device used
Which device did you use to reproduce this issue?

Steps to reproduce
What steps do others need to take in order to reproduce the issue themselves?

Please provide a sample project or apk to reproduce the issue. Also mention the steps to be followed for reproducing the issue with the given sample project or apk.

Frequency
How frequently does this issue occur? (e.g 100% of the time, 10% of the time)

Expected output
What do you expect to occur?

Current output
What do you see instead?

Android bug report (to be captured after reproducing the issue)
For steps to capture a bug report, please refer: https://developer.android.com/studio/debug/bug-report#bugreportdevice

Screen Record of the Issue
Please capture screen record or video of the issue using following steps:
adb shell screenrecord /sdcard/video.mp4
Subsequently use following command to pull the recorded file:
adb pull /sdcard/video.mp4
Attach the file to this issue.

vi...@google.com <vi...@google.com> #3 Jun 5, 2020 07:40PM

Please provide the requested information to proceed further. Unfortunately the issue will be closed within 7 days if there is no further update.

vi...@google.com <vi...@google.com> #4 Jun 12, 2020 10:08PM

Status: Won't Fix (Infeasible)

We'll be closing this issue due to not having enough actionable information. If you continue to have this issue, please open a new issue and add the relevant information along with a reference link to the earlier issue.

Reporter
Type
Priority
Severity
Status
Access
Assignee
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Collaborators
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AOSP ID
ReportedBy
Found In
Targeted To
Verified In
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