E/CameraService: setCompanionDisableSysFs: cc.disable property set to 0

E/CameraService: onTorchStatusChangedLocked: cannot get torch status of camera 1: No such file or directory (-2) E/CameraService: onTorchStatusChangedLocked: cannot get torch status of camera 1: No such file or directory (-2)

E/ExynosCamera3: Build Date is (Mar 3 2020) (19:42:55)

[Deleted User] Reporter Type Bug PΔ Priority Severity **S4** Status Fixed Default access View Access Expanded Access ② Assignee hu...@google.com Verifier Collaborators : CC Δ [Deleted User] hu...@google.com xi...@google.com AOSP ID Estimate InReview Pendina Targeted To TF Estimate Found In may-2020 Targeted To Verified In In Prod

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E/Camera2-FrameProcessorBase: registerListener: Registering listener for frame id range 0 - 2147483647 E/ExynosCameraRequestManager: [CAM_ID(1)][]-ERR(m_deleteStreamThread[3961]):failed, StreamThreadMap size is ZERO, size(0) E/ExynosCameraBufferManager: [CAM_ID(1)][ISP_RE_BUF]-ERR(m_defaultAlloc[1486]):buffer[0].fd[1] = 14 already allocated E/ExynosCameraBufferManager: [CAM_ID(1)][ISP_RE_BUF]-ERR(m_defaultAlloc[1486]):buffer[0].fd[0] = 15 already allocated E/ExynosCameraBufferManager: [CAM_ID(1)][YUV_CAPTURE_BUF]-ERR(m_defaultAlloc[1486]):buffer[0].fd[1] = 16 already allocated E/ExynosCameraBufferManager: [CAM_ID(1)][YUV_CAPTURE_BUF]-ERR(m_defaultAlloc[1486]):buffer[0].fd[0] = 17 already allocated E/ExynosCameraBufferManager: [CAM_ID(1)][THUMBNAIL_BUF]-ERR(m_defaultAlloc[1486]):buffer[0].fd[1] = 18 already allocated E/ExynosCameraBufferManager: [CAM_ID(1)][THUMBNAIL_BUF]-ERR(m_defaultAlloc[1486]):buffer[0].fd[0] = 19 already allocated E/BufferQueueProducer: [com.xxxx.xxxxx.debug/com.xxxx.xxxxx.auth.activities.LoginActivity\$_16221#0] disconnect: not connected (reg=1) E/WindowManager: win=Window{f89099 u0 com.xxxx.xxxxx.debug/com.xxxx.xxxxx.auth.activities.LoginActivity} destroySurfaces: appStopped=true win.mWindowRemovalAllowed=false win.mRemoveOnExit=false win.mViewVisibility=8 caller=com.android.server.wm.AppWindowToken.destroySurfaces:1189 com.android.server.wm.AppWindowToken.destroySurfaces:1170 com.android.server.wm.AppWindowToken.notifyAppStopped:1225 com.android.server.wm.ActivityRecord.activityStoppedLocked:2607 $com. and roid. server. wm. Activity Task Manager Service. activity Stopped: 2356\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. on Transact: 2183\ and roid. app. IActivity Task Manager \$Stub. app. IActivity Tas$ android.os.Binder.execTransactInternal:1021 E/SemCamera-JNI-Java: SemCamera.open() E/CameraService: checkTemperature (0) E/CameraService: CameraService::connect X (PID 5316) rejected (existing client(s) with higher priority). E/CameraService: Conflicts with: Device 1, client package com.xxxx.xxxxx.debug (PID 16221, score 0, state 2) E/SemCamera-JNI-Cpp: SemCamera_native_setup fail 7 COMMENTS All comments ↓ Oldest first hu...@google.com <hu...@google.com> #2 Apr 24, 2020 10:58AM : Reassigned to hu...@google.com. The issue you're seeing is due to the fact that Surface View's surface becomes invalid once the lifecycle it's attached to gets stopped (for example, the onStop() callback in an Activity or Fragment). When the lifecycle is restarted, the camera requests a new valid surface, which only becomes available after SurfaceView's surfaceCreated() callback, at that point a new capture request is made, and at some point after that the preview starts. This process may be the cause of the flickering you're noticing. This doesn't happen when using a TextureView because its surface stays valid, so a new capture request isn't made after the stop/start cycle. [Deleted User] <[Deleted User]>#3 Apr 24, 2020 04:30PM : Thanks for the clarification, So there should be some workaround to this, how do I prevent showing that gap? I've tried setting solid background colors but that gap is always transparent. Can you suggest something? [Deleted User] < [Deleted User] > #4 May 1, 2020 06:30PM : Hi, any update on this? hu...@google.com <hu...@google.com>#5 May 21, 2020 06:45AM : Hi. Sorry for the late reply. I've been trying to reproduce your issue, but wasn't able to so far. I constantly go back and forth between ActivityA and ActivityB, where ActivityB displays a camera preview using PreviewView with a SurfaceView. There doesn't seem to be any flickering though, only a short delay from the moment the activity is displayed to when the preview starts. Could you please share a minimal code snippet that causes the issue you described? Also, is there a specific set of devices you're seeing this on? I've tested on a couple of Pixel phones, and a OnePlus 5T. [Deleted User] <[Deleted User]>#6 May 21, 2020 02:10PM : Hi, thanks for the response. We are testing a camera fragment placed inside an activity and when we try to open the activity, this flickering occurs: Here's how we have attached the fragment: val fragment = CameraFragment.newInstance() supportFragmentManager.beginTransaction() .setCustomAnimations(0, 0) .replace(R.id.fragment_container, fragment, fragment.javaClass.simpleName) .commitAllowingStateLoss()

E/ExynosCamera3Interface: INFO(HAL3_camera_device_initialize[250]): dual cam_state[0](3)

E/Camera2-FrameProcessorBase: FrameProcessorBase: created

Here's the code binding the Use cases:

E//vendor/bin/hw/vendor.samsung.hardware.camera.provider@3.0-service: Failed to get IAshmemDeviceService. E//vendor/bin/hw/vendor.samsung.hardware.camera.provider@3.0-service: Failed to get IAshmemDeviceService.

```
val metrics = DisplayMetrics().also { viewFinder?.display?.getRealMetrics(it) }
    Log.d(TAG, "Screen metrics: ${metrics.widthPixels} x ${metrics.heightPixels}")
    val screenAspectRatio = aspectRatio(metrics.widthPixels, metrics.heightPixels)
    val rotationConst = viewFinder?.display?.rotation
    val cameraSelector = CameraSelector.Builder()
         .requireLensFacing(lensFacing)
    val cameraProviderFuture =
        ProcessCameraProvider.getInstance(requireContext())
    cameraProviderFuture.addListener(Runnable {
      val cameraProvider: ProcessCameraProvider = cameraProviderFuture.get()
      preview = Preview.Builder()
           .setTargetAspectRatio(screenAspectRatio)
           .setTargetRotation(rotationConst ?: Surface.ROTATION_0)
           .build()
      imageCapture = ImageCapture.Builder()
           .setCaptureMode(ImageCapture.CAPTURE_MODE_MINIMIZE_LATENCY)
           .setTargetAspectRatio(screenAspectRatio)
           .setTargetRotation(Surface.ROTATION_0)
           .build()
      cameraProvider.unbindAll()
      try {
         val useCases = arrayOf(preview, imageCapture)
             .filterNotNull()
             .toTypedArray()
         val camera = cameraProvider.bindToLifecycle(this, cameraSelector, *useCases)
         viewFinder?.preferredImplementationMode = PreviewView.ImplementationMode.SURFACE_VIEW
        preview?.setSurfaceProvider(viewFinder?.createSurfaceProvider(camera.cameraInfo))
      } catch (exc: Exception) {
        Log.e(TAG, "Some exception in the use cases: $exc")
    }, ContextCompat.getMainExecutor(requireContext()))
I don't know how it happens but this makes me easy to replicate the bug (5/10):
Launch the camera activity on tap of a button > Camera opens and preview keeps running > Quickly press back button to exit
the camera activity > Without much delay tap on the button hard to open Camera again > Repeat.
Replicated on devices:
Asus Zenfone max pro m1, Samsung a70s, Samsung Note 10+, etc
I've attached a sample video that shows the flickering part (00:07-00:08).
     VID-20200421-WA0002.mp4
3.2 MB <u>Download</u>
hu...@google.com <hu...@google.com>#7
                                                                                               Jun 12, 2020 10:17AM :
Is the flickering around second 7 from the video what you're referring to? If so, it seems that for a split of second the previous
screen is visible before the preview starts, this may be because PreviewView is using a SurfaceView. You shouldn't see this
issue on the latest version of camera-view, PreviewView now has a background color by default to prevent content behind the
preview to show before the preview stream starts.
Could you please update to the latest version and verify whether this issue has been fixed? If you're still seeing the issue,
could you set the preferred implementation mode to <code>TEXTURE_VIEW</code> and see if the issue is reproducible?
[Deleted User] <[Deleted User]>#8
                                                                                               Jun 12, 2020 09:22PM
Hi.
Thanks for your response. Yes, the flickering was around the second 7.
As we upgraded to 1.0.0-alpha11, the flickering is now not reproducible. However, for now, we would be still relying on
TEXTURE_VIEW since, on some low-end phones, there are issues being reported with the use of SURFACE_VIEW.
Thanks for your assistance in resolving this.
hu...@google.com <hu...@google.com>#9
                                                                                               Jun 13, 2020 02:55AM :
```

Glad to hear the issue's now resolved.

Could you please tell us more (Ideally by creating a new issue) about the issues you're seeing with SURFACE_VIEW on low end phones, and what some of these devices are?	
hu@google.com <hu@google.com> Marked as fixed.</hu@google.com>	Jun 24, 2020 02:12AM