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Android Public Tracker > App Development > Jetpack (androidx) > Camera 153680183 ▼ ← C ☆ CameraX: Surface had no valid native window on version 1.0.0.beta02 Hotlists (3) Mark as Duplicate Comments (18) Dependencies Duplicates (0) Blocking (0/1) Resources (3) Bug P4 + Add Hotlist Assigned je...@gmail.com Reporter STATUS UPDATE No update yet. Edit Type Bug Priority PΔ DESCRIPTION je...@gmail.com created issue #1 Apr 10, 2020 07:01PM Severity S4 Status Assigned CAMERAX VERSION (ex - 1.0.0-beta02) Default access View Access CAMERA APPLICATION NAME AND VERSION: (7.3.021.300172532) Expanded Access (?) ANDROID OS BUILD NUMBER: (QQ2A.200305.003) pe...@photomath.com Assignee DEVICE NAME: (Pixel 4 xl) Verifier DESCRIPTION: When fragment goes to onStop and onResume lifecycles crash is throwing, but not every time, sometimes it crashes at first onStop -Collaborators نڠن > onResume sometimes it needs 3 time repeat of this lifecycle CC A this is error log ca...@google.com er...@google.com E/Legacy-CameraDevice-JNI: getNativeWindow: Surface had no valid native window. hu...@google.com E/Legacy-CameraDevice-JNI: LegacyCameraDevice\_nativeDetectSurfaceDimens: Could not retrieve native window from surface. je...@gmail.com E/AndroidRuntime: FATAL EXCEPTION: CameraXpe...@photomath.com java.lang.RuntimeException: java.lang.IllegalArgumentException: Surface was abandoned ... and 3 more (show all) at androidx.camera.camera2.internal.Camera2CameraImpl\$3.onFailure(Camera2CameraImpl.java:869) at androidx.camera.core.impl.utils.futures.Futures\$CallbackListener.run(Futures.java:338) at android.os.Handler.handleCallback(Handler.java:883) AOSP ID at android.os.Handler.dispatchMessage(Handler.java:100) at android.os.Looper.loop(Looper.java:214) Estimate at android.os.HandlerThread.run(HandlerThread.java:67) InReview Caused by: java.lang.lllegalArgumentException: Surface was abandoned at android.hardware.camera2.utils.SurfaceUtils.getSurfaceSize(SurfaceUtils.java:86) Pending at android.hardware.camera2.params.OutputConfiguration.<init>(OutputConfiguration.java:261) Targeted To at android.hardware.camera2.params.OutputConfiguration.<init>(OutputConfiguration.java:146)  $at\ and roidx. camera. camera 2. internal. compat. params. Output Configuration Compat Api 28 Impl. < init > 100 Impl. < init$ **TF Estimate** (OutputConfigurationCompatApi28Impl.java:34)  $at and roidx. camera. camera 2. internal. compat. params. Output Configuration Compat. \\ int > (Output Configuration Compat. \\ java: 51)$ Found In  $at\ and roidx. camera. camera 2. internal. Capture Session. open Capture Session Locked (Capture Session. java: 373) and capture Session. Java: 373) and cap$ Targeted To androidx.camera.camera2.internal.CaptureSession.lambda\$openCaptureSession\$2\$CaptureSession(CaptureSession.java:281) at androidx.camera.camera2.internal.-\$\$Lambda\$CaptureSession\$bwwGuGuBhJx-Verified In fgB4Br9Wswwme0U.attachCompleter(Unknown Source:8)  $at\ and roidx. concurrent. futures. Callback To Future Adapter. get Future (Callback To Future Adapter. java: 102)$ In Prod

at androidx.camera.camera2.internal.-\$\$Lambda\$CaptureSession\$2lbSQd39wMeo2dJgmFG1rvePLoM.apply(Unknown

at androidx.camera.camera2.internal.CaptureSession.openCaptureSession(CaptureSession.java:278) at androidx.camera.camera2.internal.CaptureSession.lambda\$open\$0\$CaptureSession(CaptureSession.java:242)

Source:8)

 $at\ and roidx. camera. core. impl. utils. futures. Chaining Listenable Future. run (Chaining Listenable Future. java: 201)$ 

at android.os.Handler.handleCallback(Handler.java:883)

at android.os.Handler.dispatchMessage(Handler.java:100)

at android.os.Looper.loop(Looper.java:214)

at android.os.HandlerThread.run(HandlerThread.java:67)

Caused by: android.hardware.camera2.legacy.LegacyExceptionUtils\$BufferQueueAbandonedException

at android.hardware.camera2.legacy.LegacyExceptionUtils.throwOnError(LegacyExceptionUtils.java:73)

 $at\ and roid. hardware. camera 2. legacy. Legacy Camera Device. get Surface Size (Legacy Camera Device. java: 631)$ 

at android.hardware.camera2.utils.SurfaceUtils.getSurfaceSize(SurfaceUtils.java:84)

at android.hardware.camera2.params.OutputConfiguration.<init>(OutputConfiguration.java:261)

at android.hardware.camera2.params.OutputConfiguration.<init>(OutputConfiguration.java:146)

at androidx.camera.camera2.internal.compat.params.OutputConfigurationCompatApi28Impl.<init>

(OutputConfigurationCompatApi28Impl.java:34)

 $at and roidx. camera. camera 2. internal. compat. params. Output Configuration Compat. \\ int > (Output Configuration Compat. \\ java: 51)$ 

at androidx.camera.camera2.internal.CaptureSession.openCaptureSessionLocked(CaptureSession.java:373)

androidx.camera.camera2.internal.CaptureSession.lambda\$openCaptureSession\$2\$CaptureSession(CaptureSession.java:281)

 $at\ and roid x. camera. camera 2. internal. - \$\Lamb da \& Capture Session \& bww Gu Gu Bh Jx-line for the control of the cont$ 

fgB4Br9Wswwme0U.attachCompleter(Unknown Source:8)

 $at\ and roidx. concurrent. futures. Callback To Future Adapter. get Future (Callback To Future Adapter. java: 102)$ 

 $at\ and roidx. camera. camera 2. internal. Capture Session. open Capture Session (Capture Session. java: 278)$ 

at androidx.camera.camera2.internal.CaptureSession.lambda\$open\$0\$CaptureSession(CaptureSession.java:242)

at and roid x. camera. camera 2. internal. - \$\$ Lamb da \$ Capture Session \$2 Ib SQd 39 w Meo 2 d Jgm FG 1 rve PLo M. apply (Unknown and SQL) and SQL of the SQL of

Source:8)

at androidx.camera.core.impl.utils.futures.ChainingListenableFuture.run(ChainingListenableFuture.java:201)

at android.os.Handler.handleCallback(Handler.java:883)

at android.os.Handler.dispatchMessage(Handler.java:100)

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at android.os.Looper.loop(Looper.java:214)
    at android.os.HandlerThread.run(HandlerThread.java:67)
STEPS TO REPRODUCE:
1. open camera fragment
2. minimize application
3. open application
OBSERVED RESULTS: crash
EXPECTED RESULTS: continue camera
REPRODUCIBILITY: (5 of 5, 1 of 100, etc)
ADDITIONAL INFORMATION:
this happens only version 1.0.0.beta02 if I downgrade version to 1.0.0.beta01 than it works fine
CODE FRAGMENTS (this will help us troubleshoot your issues):
//I'm calling this method inside onViewCreated()
fun initCamera() {
  mainExecutor = ContextCompat.getMainExecutor(context)
  cameraExecutor = Executors.newSingleThreadExecutor()
  previewView.post {
   displayId = previewView.display.displayId
   bindCameraUseCases()
 }
 fun onDestroyView(){
  cameraExecutor.shutdown()
/** Declare and bind preview, capture and analysis use cases */
 private fun bindCameraUseCases() {
  // Get screen metrics used to setup camera for full screen resolution
  val metrics = DisplayMetrics().also { previewView.display.getRealMetrics(it) }
  val screenAspectRatio = aspectRatio(metrics.widthPixels, metrics.heightPixels)
  val rotation = previewView.display.rotation
  // Bind the cameraProvider to the LifeCycleOwner
  val cameraSelector = CameraSelector.Builder().requireLensFacing(lensFacing).build()
  val cameraProviderFuture = ProcessCameraProvider.getInstance(context)
  cameraProviderFuture.addListener(Runnable {
   val cameraProvider: ProcessCameraProvider = cameraProviderFuture.get()
   // Preview
   preview = Preview.Builder()
    .setTargetName("Preview")
    .setTargetAspectRatio(screenAspectRatio)
    .setTargetRotation(rotation)
    .build()
   capture = ImageCapture.Builder()
    .setTargetName("Capture")
    . set Capture Mode (Image Capture. CAPTURE\_MODE\_MINIMIZE\_LATENCY) \\
    .setTargetAspectRatio(screenAspectRatio)
    .setTargetRotation(rotation)
    .build()
   cameraProvider.unbindAll()
    // A variable number of use-cases can be passed here.
    val camera = cameraProvider.bindToLifecycle(
     context as LifecycleOwner, cameraSelector, preview, capture
    cameraControl = camera.cameraControl
    cameraInfo = camera.cameraInfo
    preview?.setSurfaceProvider(previewView.createSurfaceProvider(cameraInfo))\\
   } catch (e: Exception) {
    Log.e(LOG_TAG, "" + e.message)
  }, mainExecutor)
```

	bugjuggiei. http://b/10293701713 lixeu		
	er@google.com <er@google.com><u>#6</u></er@google.com>	Mar 17, 2021 08:34AM	
	Hello debdeep.ganguly,		
	We will see if we can figure out what the root cause is after we acquire a device.	Thanks	
	bu@google.com <bu@google.com> #7</bu@google.com>	Mar 17, 2021 08:38AM	
	Accepted by bu@google.com.		
	Hi. I've received your bug and will wait for <u>b/182937017</u> to be fixed and then assi	gn the bug to <u>camerax-bugs@google.com</u> .	
	vi@gmail.com <vi@gmail.com><u>#8</u></vi@gmail.com>	Mar 19, 2021 06:52AM	
	Fatal Exception: java.lang.lllegalArgumentException Surface had no valid native window.		
	Android 5.1.1 Samsung Galaxy J3(2016)		
	android.hardware.camera2.legacy.LegacyCameraDevice.nativeSetSurfaceFormat (LegacyCameraDevice.java) android.hardware.camera2.legacy.LegacyCameraDevice.setSurfaceFormat (LegacyCameraDevice.java:591) android.hardware.camera2.legacy.RequestThreadManager.resetJpegSurfaceFormats (RequestThreadManager.java:503) android.hardware.camera2.legacy.RequestThreadManager.access\$2300 (RequestThreadManager.java:63) android.hardware.camera2.legacy.RequestThreadManager\$5.handleMessage (RequestThreadManager.java:913) android.os.Handler.dispatchMessage (Handler.java:98) android.os.Looper.loop (Looper.java:145) android.os.HandlerThread.run (HandlerThread.java:61)		
			android.hardware.camera2.legacy.LegacyCameraDevice.nativeSetSurfaceFormat (LegacyCameraDevice.java) android.hardware.camera2.legacy.LegacyCameraDevice.setSurfaceFormat (LegacyCameraDevice.java:591) android.hardware.camera2.legacy.RequestThreadManager.resetJpegSurfaceFormats (RequestThreadManager.java:505) android.hardware.camera2.legacy.RequestThreadManager.access\$2300 (RequestThreadManager.java:63) android.hardware.camera2.legacy.RequestThreadManager\$5.handleMessage (RequestThreadManager.java:915) android.os.Handler.dispatchMessage (Handler.java:98) android.os.Looper.loop (Looper.java:160) android.os.HandlerThread.run (HandlerThread.java:61)
	Android 5.1 Oppo CPH1605  android.hardware.camera2.legacy.LegacyCameraDevice.nativeSetSurfaceFormat (LegacyCameraDevice.java) android.hardware.camera2.legacy.LegacyCameraDevice.setSurfaceFormat (LegacyCameraDevice.java:591) android.hardware.camera2.legacy.RequestThreadManager.resetJpegSurfaceFormats (RequestThreadManager.java:503) android.hardware.camera2.legacy.RequestThreadManager.access\$2300 (RequestThreadManager.java:63) android.hardware.camera2.legacy.RequestThreadManager\$5.handleMessage (RequestThreadManager.java:913) android.os.Handler.dispatchMessage (Handler.java:98) android.os.Looper.loop (Looper.java:145) android.os.HandlerThread.run (HandlerThread.java:61)		
	Assigned to xi@google.com.		
	pe@photomath.com <pe@photomath.com><u>#9</u></pe@photomath.com>	Jun 20, 2022 06:10PM	
	This issue is still present, it seems it is mostly affecting Android 5 devices. Are there any workarounds?		
	xi@google.com <xi@google.com></xi@google.com>	Jul 29, 2022 02:30AN	
	Accepted by xi@google.com.		
	xi@google.com <xi@google.com></xi@google.com>	Aug 2, 2022 11:47PN	
	Assigned to xi@google.com.		
	xi@google.com <xi@google.com><u>#10</u></xi@google.com>	Aug 16, 2022 04:48AM	
	Assigned to je@gmail.com.		
	I can't repro it with Samsung Galaxy J3(2016) and the latest CameraX test app.		

Device model: SM-J320FN Android version: 5.1.1

• If you can still repro the issue with CameraX 1.2, could you see if you can repro the issue with our test app? APK camera-testapp-view-debug.apk 17 MB <u>Download</u> wu...@google.com <wu...@google.com>#11 Sep 7, 2022 03:56PM : Reassigned to pe...@photomath.com. Hello, have you tried comment#10? Not sure if it still happen after applying the suggestions in comment#10. pe...@photomath.com <pe...@photomath.com> #12 Sep 28, 2022 10:01PM : Will try it out and report results er...@google.com <er...@google.com>#13 Oct 25, 2022 07:50AM Hi there, just a reminder please let us know if you have any feedback. We'll be closing this out next week if there are no more updates. pe...@photomath.com <pe...@photomath.com><u>#14</u> Oct 25, 2022 06:32PM We will be trying out the new camera version library when it comes to stabl er...@google.com <er...@google.com>#15 Nov 8, 2022 09:33AM Reassigned to bu...@google.com. Bugjuggler: wait until next quarter bu...@google.com <bu...@google.com>#16 Nov 8, 2022 09:33AM Accepted by bu...@google.com. Hi. I've received your bug and will wait until 2023-01-01 00:00 -0800 PST and then assign the bug to  $\underline{petar.alilovic@photomath.com}.$ wu...@google.com <wu...@google.com>#17 Dec 7, 2022 07:25PM Assigned to pe...@photomath.com. Hello, 1.2.0 Stable will be launched soon. Please try it out and let us know if you still encounter this issue. pe...@photomath.com <pe...@photomath.com> #18 Apr 25, 2023 04:59PM Yes, unfortunately it is still happening

Could you try the following things?

• upgrade to the latest CameraX version 1.2 alpha.