

Comments (16) Dependencies Duplicates (0) Blocking (0) Resources (4)

Fixed Bug P4 + Add Hotlist NeedsInfo [AOSP] FutureRelease

STATUS UPDATE No update yet. Edit

DESCRIPTION ta...@gmail.com created issue #1

May 13, 2015 06:36PM

hello ,

I found app com.kunpo.gradeone\_1.4.0.apk crashes on Android 5.0.2; it seems an ART issue of GC mark/sweep in ART running.

also, attached the APK and it works on KK with davilk running.

logs:

I/ActivityManager( 3981): START u0 {act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] flg=0x10200000 cmp=com.kunpo.gradeone/.FirstGrade bnds=[276,605][540,943] (has extras)} from uid 10019 on display 0

W/ls (13837): type=1400 audit(0.0:2967): avc: denied { getattr } for path="/system/xbin/su" dev="mmcblk0p21" ino=3588 scontext=u:r:untrusted\_app:s0 tcontext=u:object\_r:su\_exec:s0 tclass=file permissive=0

W/Thread-215(13485): type=1400 audit(0.0:2968): avc: denied { getattr } for path="/socket:[10941]" dev="sockfs" ino=10941 scontext=u:r:untrusted\_app:s0 tcontext=u:r:zygote:s0 tclass=unix\_dgram\_socket permissive=0

W/Thread-215(13485): type=1400 audit(0.0:2969): avc: denied { getattr } for path="/sys/kernel/debug/tracing/trace\_marker" dev="debugfs" ino=4105 scontext=u:r:untrusted\_app:s0 tcontext=u:object\_r:debugfs:s0 tclass=file permissive=0

W/Thread-215(13485): type=1400 audit(0.0:2970): avc: denied { getattr } for path="/socket:[12481]" dev="sockfs" ino=12481 scontext=u:r:untrusted\_app:s0 tcontext=u:r:zygote:s0 tclass=unix\_dgram\_socket permissive=0

I/art (13449): Background sticky concurrent mark sweep GC freed 10126(553KB) AllocSpace objects, 4(64KB) LOS objects, 29% free, 1670KB/2MB, paused 7.528ms total 25.629ms

I/ActivityManager( 3981): Start proc com.kunpo.gradeone:dservice\_v1 for broadcast com.kunpo.gradeone/cn.play.dserv.DsReceiver: pid=13881 uid=10104 gids={50104, 9997, 1028, 1015, 3003} abi=armeabi

I/dex2oat (13862): dex2oat took 508.686ms (threads: 8)

W/art (13449): Call to JNI FindClass with dots in name: "com.kunpo.gradeone.FirstGrade"

D/cocos2d-x debug info(13449): xxxjni:æðã±½æ°ã~ãœ

E/art (13449): Tried to mark 0x1 not contained by any spaces

E/art (13449): Attempting see if it's a bad root

E/art (13449): Found invalid root: 0x1 with type RootJNILocal

F/art (13449): art/runtime/gc/collector/mark\_sweep.cc:381] Can't mark invalid object

I/ActivityManager( 3981): Displayed com.kunpo.gradeone/.FirstGrade: +1s911ms

I/Timeline( 3981): Timeline: Activity\_windows\_visible id: ActivityRecord{1d88abfa u0 com.kunpo.gradeone/.FirstGrade t26} time:3471021

W/InputConnectionWrapper( 8435): showStatusIcon on inactive InputConnection

V/Network (13449): network [WIFI] is connected.

I/WindowManager( 3981): Screen frozen for +1s948ms due to Window{2dd3e187 u0 Starting com.kunpo.gradeone}

I/Timeline(13449): Timeline: Activity\_idle id: android.os.BinderProxy@3fe6f9b8 time:3471071

Reporter ta...@gmail.com  
Type Bug  
Priority P4  
Severity S3  
Status Fixed  
Access Default access View  
Assignee ma...@google.com  
Verifier --  
Collaborators  
CC bd...@google.com ta...@gmail.com  
AOSP ID 172918  
ReportedBy User  
Found In --  
Targeted To --  
Verified In --  
In Prod

I/SurfaceFlinger( 293): FPS: 15

W/Thread-220(13916): type=1400 audit(0.0:2974): avc: denied { getattr } for path="/socket:[10941]" dev="sockfs" ino=10941 scontext=u:r:untrusted\_app:s0 tcontext=u:r:zygote:s0 tclass=unix\_dgram\_socket permissive=0

W/Thread-220(13916): type=1400 audit(0.0:2975): avc: denied { getattr } for path="/sys/kernel/debug/tracing/trace\_marker" dev="debugfs" ino=4105 scontext=u:r:untrusted\_app:s0 tcontext=u:object\_r:debugfs:s0 tclass=file permissive=0

W/Thread-220(13916): type=1400 audit(0.0:2976): avc: denied { getattr } for path="/socket:[12481]" dev="sockfs" ino=12481 scontext=u:r:untrusted\_app:s0 tcontext=u:r:zygote:s0 tclass=unix\_dgram\_socket permissive=0

W/Thread-215(13485): type=1400 audit(0.0:2977): avc: denied { getattr } for path="/socket:[10941]" dev="sockfs" ino=10941 scontext=u:r:untrusted\_app:s0 tcontext=u:r:zygote:s0 tclass=unix\_dgram\_socket permissive=0

W/Thread-215(13485): type=1400 audit(0.0:2978): avc: denied { getattr } for path="/sys/kernel/debug/tracing/trace\_marker" dev="debugfs" ino=4105 scontext=u:r:untrusted\_app:s0 tcontext=u:object\_r:debugfs:s0 tclass=file permissive=0

W/Thread-215(13485): type=1400 audit(0.0:2979): avc: denied { getattr } for path="/socket:[12481]" dev="sockfs" ino=12481 scontext=u:r:untrusted\_app:s0 tcontext=u:r:zygote:s0 tclass=unix\_dgram\_socket permissive=0

I/art (11227): Wrote stack traces to '/data/anr/traces.txt'

I/xyf (13881): cpu\_abi:armeabi-v7a

F/art (13449): art/runtime/runtime.cc:284] Runtime aborting...

F/art (13449): art/runtime/runtime.cc:284] Aborting thread:

F/art (13449): art/runtime/runtime.cc:284] "GCDaemon" prio=5 tid=15 WaitingPerformingGc

F/art (13449): art/runtime/runtime.cc:284] | group="" sCount=0 dsCount=0 obj=0x22c072c0 self=0xaafd3ce0

F/art (13449): art/runtime/runtime.cc:284] | sysTid=13468 nice=0 cgrp=apps sched=0/0 handle=0xaafd42d0

F/art (13449): art/runtime/runtime.cc:284] | state=R schedstat=( 369029115 73353600 255 ) utm=33 stm=3 core=1 HZ=100

F/art (13449): art/runtime/runtime.cc:284] | stack=0xe6b55000-0xe6b57000 stackSize=1036KB

F/art (13449): art/runtime/runtime.cc:284] | held mutexes= "abort lock" "heap bitmap lock"(exclusive held) "mutator lock"(shared held)

F/art (13449): art/runtime/runtime.cc:284] native: #00 pc 00004640 /system/lib/libbacktrace\_libc++.so (UnwindCurrent::Unwind(unsigned int, ucontext\*)+23)

F/art (13449): art/runtime/runtime.cc:284] native: #01 pc 00002e8d /system/lib/libbacktrace\_libc++.so (Backtrace::Unwind(unsigned int, ucontext\*)+8)

F/art (13449): art/runtime/runtime.cc:284] native: #02 pc 0023ed95 /system/lib/libart.so (art::DumpNativeStack(std::\_\_1::basic\_ostream<char, std::\_\_1::char\_traits<char> >&, int, char const\*, art::mirror::ArtMethod\*)+68)

F/art (13449): art/runtime/runtime.cc:284] native: #03 pc 0022422f /system/lib/libart.so (art::Thread::Dump(std::\_\_1::basic\_ostream<char, std::\_\_1::char\_traits<char> >&) const+146)

F/art (13449): art/runtime/runtime.cc:284] native: #04 pc 002148b3 /system/lib/libart.so (art::AbortState::DumpThread(std::\_\_1::basic\_ostream<char, std::\_\_1::char\_traits<char> >&, art::Thread\*)+22)

F/art (13449): art/runtime/runtime.cc:284] native: #05 pc 00214af1 /system/lib/libart.so (art::AbortState::Dump(std::\_\_1::basic\_ostream<char, std::\_\_1::char\_traits<char> >&)+324)

F/art (13449): art/runtime/runtime.cc:284] native: #06 pc 00214ce5 /system/lib/libart.so (art::Runtime::Abort()+72)

F/art (13449): art/runtime/runtime.cc:284] native: #07 pc 000a6443 /system/lib/libart.so (art::LogMessage::~LogMessage()+1322)

F/art (13449): art/runtime/runtime.cc:284] native: #08 pc 001212d5 /system/lib/libart.so (bool art::gc::accounting::HeapBitmap::AtomicTestAndSet<art::gc::collector::MarkSweepMarkObjectSlowPath> (art::mirror::Object const\*, art::gc::collector::MarkSweepMarkObjectSlowPath const&)+420)

F/art (13449): art/runtime/runtime.cc:284] native: #09 pc 00121399 /system/lib/libart.so

(art::gc::collector::MarkSweep::MarkObjectParallel(art::mirror::Object const\*)+128)

F/art (13449): art/runtime/runtime.cc:284] native: #10 pc 001223ff /system/lib/libart.so  
(art::gc::collector::MarkSweep::MarkRootParallelCallback(art::mirror::Object\*\*, void\*, unsigned int, art::RootType)+14)

F/art (13449): art/runtime/runtime.cc:284] native: #11 pc 0015174d /system/lib/libart.so  
(art::IndirectReferenceTable::VisitRoots(void (\*)(art::mirror::Object\*\*, void\*, unsigned int, art::RootType), void\*, unsigned int, art::RootType)+80)

F/art (13449): art/runtime/runtime.cc:284] native: #12 pc 0021e9c1 /system/lib/libart.so  
(art::Thread::VisitRoots(void (\*)(art::mirror::Object\*\*, void\*, unsigned int, art::RootType), void\*)+136)

F/art (13449): art/runtime/runtime.cc:284] native: #13 pc 00121505 /system/lib/libart.so  
(art::gc::collector::CheckpointMarkThreadRoots::Run(art::Thread\*)+116)

F/art (13449): art/runtime/runtime.cc:284] native: #14 pc 0022aa0d /system/lib/libart.so  
(art::ThreadList::RunCheckpoint(art::Closure\*)+280)

F/art (13449): art/runtime/runtime.cc:284] native: #15 pc 00120375 /system/lib/libart.so  
(art::gc::collector::MarkSweep::MarkRootsCheckpoint(art::Thread\*, bool)+80)

F/art (13449): art/runtime/runtime.cc:284] native: #16 pc 00120b7d /system/lib/libart.so  
(art::gc::collector::MarkSweep::MarkRoots(art::Thread\*)+96)

F/art (13449): art/runtime/runtime.cc:284] native: #17 pc 0012392f /system/lib/libart.so  
(art::gc::collector::MarkSweep::MarkingPhase()+102)

F/art (13449): art/runtime/runtime.cc:284] native: #18 pc 00123a67 /system/lib/libart.so  
(art::gc::collector::MarkSweep::RunPhases()+254)

F/art (13449): art/runtime/runtime.cc:284] native: #19 pc 0011b093 /system/lib/libart.so  
(art::gc::collector::GarbageCollector::Run(art::gc::GcCause, bool)+234)

F/art (13449): art/runtime/runtime.cc:284] native: #20 pc 0013967d /system/lib/libart.so  
(art::gc::Heap::CollectGarbageInternal(art::gc::collector::GcType, art::gc::GcCause, bool)+1380)

F/art (13449): art/runtime/runtime.cc:284] native: #21 pc 0013aa71 /system/lib/libart.so  
(art::gc::Heap::ConcurrentGC(art::Thread\*)+48)

F/art (13449): art/runtime/runtime.cc:284] native: #22 pc 000003d3 /data/dalvik-cache/arm/system@framework@boot.oat (Java\_dalvik\_system\_VMRuntime\_concurrentGC\_\_+82)

F/art (13449): art/runtime/runtime.cc:284] at dalvik.system.VMRuntime.concurrentGC(Native method)

F/art (13449): art/runtime/runtime.cc:284] at java.lang.Daemons\$GCDaemon.run(Daemons.java:345)

F/art (13449): art/runtime/runtime.cc:284] at java.lang.Thread.run(Thread.java:818)

F/art (13449): art/runtime/runtime.cc:284] Dumping all threads without appropriate locks held: thread list lock

F/art (13449): art/runtime/runtime.cc:284] All threads:

F/art (13449): art/runtime/runtime.cc:284] DALVIK THREADS (42):

F/art (13449): art/runtime/runtime.cc:284] "main" prio=5 tid=1 Native

F/art (13449): art/runtime/runtime.cc:284] | group="" sCount=0 dsCount=0 obj=0x747f2a90 self=0xaada8098

F/art (13449): art/runtime/runtime.cc:284] | sysTid=13449 nice=-15 cgrp=apps sched=0/0 handle=0xf7101ec8

F/art (13449): art/runtime/runtime.cc:284] | state=S schedstat=( 2228732919 156123327 1261 ) utm=190 stm=32 core=7 HZ=100

F/art (13449): art/runtime/runtime.cc:284] | stack=0xff072000-0xff074000 stackSize=8MB

F/art (13449): art/runtime/runtime.cc:284] | held mutexes=

F/art (13449): art/runtime/runtime.cc:284] kernel: \_\_switch\_to+0x70/0x7c

F/art (13449): art/runtime/runtime.cc:284] kernel: SyS\_epoll\_wait+0x2a0/0x308

F/art (13449): art/runtime/runtime.cc:284] kernel: compat\_SyS\_epoll\_pwait+0xac/0x130

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F/art  (13449): art/runtime/runtime.cc:284] kernel: cpu_switch_to+0x48/0x4c

F/art  (13449): art/runtime/runtime.cc:284] native: #00 pc 00039338 /system/lib/libc.so (__epoll_pwait+20)

F/art  (13449): art/runtime/runtime.cc:284] native: #01 pc 0001127b /system/lib/libc.so (epoll_pwait+26)

F/art  (13449): art/runtime/runtime.cc:284] native: #02 pc 00011289 /system/lib/libc.so (epoll_wait+6)

F/art  (13449): art/runtime/runtime.cc:284] native: #03 pc 00010def /system/lib/libutils.so
(android::Looper::pollInner(int)+98)

F/art  (13449): art/runtime/runtime.cc:284] native: #04 pc 00011019 /system/lib/libutils.so
(android::Looper::pollOnce(int, int*, int*, void**)+92)

F/art  (13449): art/runtime/runtime.cc:284] native: #05 pc 0007c4ed /system/lib/libandroid_runtime.so
(android::NativeMessageQueue::pollOnce(_JNIEnv*, int)+22)

F/art  (13449): art/runtime/runtime.cc:284] native: #06 pc 000b0d9f /data/dalvik-
cache/arm/system@framework@boot.oat (Java_android_os_MessageQueue_nativePollOnce__JI+102)

F/art  (13449): art/runtime/runtime.cc:284] at android.os.MessageQueue.nativePollOnce(Native method)

F/art  (13449): art/runtime/runtime.cc:284] at android.os.MessageQueue.next(MessageQueue.java:143)

F/art  (13449): art/runtime/runtime.cc:284] at android.os.Looper.loop(Looper.java:122)

F/art  (13449): art/runtime/runtime.cc:284] at android.app.ActivityThread.main(ActivityThread.java:5221)

F/art  (13449): art/runtime/runtime.cc:284] at java.lang.reflect.Method.invoke!(Native method)

F/art  (13449): art/runtime/runtime.cc:284] at java.lang.reflect.Method.invoke(Method.java:372)

F/art  (13449): art/runtime/runtime.cc:284] at
com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:898)

F/art  (13449): art/runtime/runtime.cc:284] at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:693)

F/art  (13449): art/runtime/runtime.cc:284]

F/art  (13449): art/runtime/runtime.cc:284] "Heap thread pool worker thread 0" prio=5 tid=2 Native (still
starting up)

F/art  (13449): art/runtime/runtime.cc:284] | group="" sCount=0 dsCount=0 obj=0x0 self=0xaadacc38

F/art  (13449): art/runtime/runtime.cc:284] | sysTid=13454 nice=0 cgrp=apps sched=0/0
handle=0xaada2e48

F/art  (13449): art/runtime/runtime.cc:284] | state=S schedstat=( 3752549 8624011 27 ) utm=0 stm=0
core=7 HZ=100

F/art  (13449): art/runtime/runtime.cc:284] | stack=0xf4c66000-0xf4c68000 stackSize=1020KB

F/art  (13449): art/runtime/runtime.cc:284] | held mutexes=

F/art  (13449): art/runtime/runtime.cc:284] kernel: __switch_to+0x70/0x7c

F/art  (13449): art/runtime/runtime.cc:284] kernel: futex_wait_queue_me+0xd4/0x12c

F/art  (13449): art/runtime/runtime.cc:284] kernel: futex_wait+0xe0/0x1d4

F/art  (13449): art/runtime/runtime.cc:284] kernel: do_futex+0xc8/0x8b8

F/art  (13449): art/runtime/runtime.cc:284] kernel: compat_SyS_futex+0xd0/0x14c

F/art  (13449): art/runtime/runtime.cc:284] kernel: cpu_switch_to+0x48/0x4c

F/art  (13449): art/runtime/runtime.cc:284] native: #00 pc 0000f618 /system/lib/libc.so (syscall+28)

F/art  (13449): art/runtime/runtime.cc:284] native: #01 pc 000a8ec7 /system/lib/libart.so
(art::ConditionVariable::Wait(art::Thread*)+82)

F/art  (13449): art/runtime/runtime.cc:284] native: #02 pc 0022dd6f /system/lib/libart.so
(art::ThreadPool::GetTask(art::Thread*)+50)

F/art  (13449): art/runtime/runtime.cc:284] native: #03 pc 0022dd15 /system/lib/libart.so
(art::ThreadPoolWorker::Run()+52)

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F/art (13449): art/runtime/runtime.cc:284] native: #04 pc 0022e551 /system/lib/libart.so (art::ThreadPoolWorker::Callback(void\*)+52)

F/art (13449): art/runtime/runtime.cc:284] native: #05 pc 00013007 /system/lib/libc.so (\_\_pthread\_start(void\*)+30)

F/art (13449): art/runtime/runtime.cc:284] native: #06 pc 00010fdf /system/lib/libc.so (\_\_start\_thread+6)

F/art (13449): art/runtime/runtime.cc:284] (no managed stack frames)

F/art (13449): art/runtime/runtime.cc:284]

F/art (13449): art/runtime/runtime.cc:284] "Heap thread pool worker thread 1" prio=5 tid=3 Native (still starting up)

F/art (13449): art/runtime/runtime.cc:284] | group="" sCount=0 dsCount=0 obj=0x0 self=0xaadadcb8

F/art (13449): art/runtime/runtime.cc:284] | sysTid=13456 nice=0 cgrp=apps sched=0/0 handle=0xaadac9f0

F/art (13449): art/runtime/runtime.cc:284] | state=S schedstat=( 3082400 3562551 30 ) utm=0 stm=0 core=5 HZ=100

F/art (13449): art/runtime/runtime.cc:284] | stack=0xf4b66000-0xf4b68000 stackSize=1020KB

F/art (13449): art/runtime/runtime.cc:284] | held mutexes=

F/art (13449): art/runtime/runtime.cc:284] kernel: \_\_switch\_to+0x70/0x7c

F/art (13449): art/runtime/runtime.cc:284] kernel: futex\_wait\_queue\_me+0xd4/0x12c

F/art (13449): art/runtime/runtime.cc:284] kernel: futex\_wait+0xe0/0x1d4

F/art (13449): art/runtime/runtime.cc:284] kernel: do\_futex+0xc8/0x8b8

F/art (13449): art/runtime/runtime.cc:284] kernel: compat\_Sys\_futex+0xd0/0x14c

F/art (13449): art/runtime/runtime.cc:284] kernel: cpu\_switch\_to+0x48/0x4c

F/art (13449): art/runtime/runtime.cc:284] native: #00 pc 0000f618 /system/lib/libc.so (syscall+28)

F/art (13449): art/runtime/runtime.cc:284] native: #01 pc 000a8ec7 /system/lib/libart.so (art::ConditionVariable::Wait(art::Thread\*)+82)

F/art (13449): art/runtime/runtime.cc:284] native: #02 pc 0022dd6f /system/lib/libart.so (art::ThreadPool::GetTask(art::Thread\*)+50)

F/art (13449): art/runtime/runtime.cc:284] native: #03 pc 0022dd15 /system/lib/libart.so (art::ThreadPoolWorker::Run()+52)

F/art (13449): art/runtime/runtime.cc:284] native: #04 pc 0022e551 /system/lib/libart.so (art::ThreadPoolWorker::Callback(void\*)+52)

F/art (13449): art/runtime/runtime.cc:284] native: #05 pc 00013007 /system/lib/libc.so (\_\_pthread\_start(void\*)+30)

F/art (13449): art/runtime/runtime.cc:284] native: #06 pc 00010fdf /system/lib/libc.so (\_\_start\_thread+6)

F/art (13449): art/runtime/runtime.cc:284] (no managed stack frames)

F/art (13449): art/runtime/runtime.cc:284]

F/art (13449): art/runtime/runtime.cc:284] "Heap thread pool worker thread 2" prio=5 tid=5 Native (still starting up)

F/art (13449): art/runtime/runtime.cc:284] | group="" sCount=0 dsCount=0 obj=0x0 self=0xaadaeb10

F/art (13449): art/runtime/runtime.cc:284] | sysTid=13457 nice=0 cgrp=apps sched=0/0 handle=0xaadad308

F/art (13449): art/runtime/runtime.cc:284] | state=S schedstat=( 2659789 3562398 23 ) utm=0 stm=0 core=6 HZ=100

F/art (13449): art/runtime/runtime.cc:284] | stack=0xf4a62000-0xf4a64000 stackSize=1020KB

F/art (13449): art/runtime/runtime.cc:284] | held mutexes=

F/art (13449): art/runtime/runtime.cc:284] kernel: \_\_switch\_to+0x70/0x7c

F/art (13449): art/runtime/runtime.cc:284] kernel: futex\_wait\_queue\_me+0xd4/0x12c

F/art (13449): art/runtime/runtime.cc:284] kernel: futex\_wait+0xe0/0x1d4

F/art (13449): art/runtime/runtime.cc:284] kernel: do\_futex+0xc8/0x8b8

F/art (13449): art/runtime/runtime.cc:284] kernel: compat\_SyS\_futex+0xd0/0x14c

F/art (13449): art/runtime/runtime.cc:284] kernel: cpu\_switch\_to+0x48/0x4c

F/art (13449): art/runtime/runtime.cc:284] native: #00 pc 0000f618 /system/lib/libc.so (syscall+28)

F/art (13449): art/runtime/runtime.cc:284] native: #01 pc 000a8ec7 /system/lib/libart.so (art::ConditionVariable::Wait(art::Thread\*)+82)

F/art (13449): art/runtime/runtime.cc:284] native: #02 pc 0022dd6f /system/lib/libart.so (art::ThreadPool::GetTask(art::Thread\*)+50)

F/art (13449): art/runtime/runtime.cc:284] native: #03 pc 0022dd15 /system/lib/libart.so (art::ThreadPoolWorker::Run()+52)

F/art (13449): art/runtime/runtime.cc:284] native: #04 pc 0022e551 /system/lib/libart.so (art::ThreadPoolWorker::Callback(void\*)+52)

F/art (13449): art/runtime/runtime.cc:284] native: #05 pc 00013007 /system/lib/libc.so (\_\_pthread\_start(void\*)+30)

F/art (13449): art/runtime/runtime.cc:284] native: #06 pc 00010fdf /system/lib/libc.so (\_\_start\_thread+6)

F/art (13449): art/runtime/runtime.cc:284] (no managed stack frames)

F/art (13449): art/runtime/runtime.cc:284] kernel: cpu\_switch\_to+0x48/0x4c

F/art (13449): art/runtime/runtime.cc:284] native: #00 pc 00039d24 /system/lib/libc.so (recvmsg+8)

F/art (13449): art/runtime/runtime.cc:284] native: #01 pc 0027ffb3 /system/lib/libart.so (art::JDWP::JdwpAdbState::ReceiveClientFd()+86)

F/art (13449): art/runtime/runtime.cc:284] native: #02 pc 002800a5 /system/lib/libart.so (art::JDWP::JdwpAdbState::Accept()+100)

F/art (13449): art/runtime/runtime.cc:284] native: #03 pc 00189841 /system/lib/libart.so (art::JDWP::JdwpState::Run()+292)

F/art (13449): art/runtime/runtime.cc:284] native: #04 pc 0018ada3 /system/lib/libart.so (art::JDWP::StartJdwpThread(void\*)+10)

F/art (13449): art/runtime/runtime.cc:284] native: #05 pc 00013007 /system/lib/libc.so (\_\_pthread\_start(void\*)+30)

F/art (13449): art/runtime/runtime.cc:284] native: #06 pc 00010fdf /system/lib/libc.so (\_\_start\_thread+6)

F/art (13449): art/runtime/runtime.cc:284] (no managed stack frames)

F/art (13449): art/runtime/runtime.cc:284]

F/art (13449): art/runtime/runtime.cc:284] "ReferenceQueueDaemon" prio=5 tid=11 Waiting

F/art (13449): art/runtime/runtime.cc:284] | group="" sCount=0 dsCount=0 obj=0x22c07140 self=0xaafd1420

F/art (13449): art/runtime/runtime.cc:284] | sysTid=13464 nice=0 cgrp=apps sched=0/0 handle=0xaafd1a10

F/art (13449): art/runtime/runtime.cc:284] | state=S schedstat=( 6200835 4220675 60 ) utm=0 stm=0 core=4 HZ=100

F/art (13449): art/runtime/runtime.cc:284] | stack=0xe6f74000-0xe6f76000 stackSize=1036KB

F/art (13449): art/runtime/runtime.cc:284] | held mutexes=

F/art (13449): art/runtime/runtime.cc:284] kernel: \_\_switch\_to+0x70/0x7c

F/art (13449): art/runtime/runtime.cc:284] kernel: futex\_wait\_queue\_me+0xd4/0x12c

F/art (13449): art/runtime/runtime.cc:284] kernel: futex\_wait+0xe0/0x1d4

F/art (13449): art/runtime/runtime.cc:284] kernel: do\_futex+0xc8/0x8b8

F/art (13449): art/runtime/runtime.cc:284] kernel: compat\_SyS\_futex+0xd0/0x14c

F/art (13449): art/runtime/runtime.cc:284] kernel: cpu\_switch\_to+0x48/0x4c

F/art (13449): art/runtime/runtime.cc:284] native: #00 pc 0000f618 /system/lib/libc.so (syscall+28)

F/art (13449): art/runtime/runtime.cc:284] native: #01 pc 000a8ec7 /system/lib/libart.so (art::ConditionVariable::Wait(art::Thread\*)+82)

F/art (13449): art/runtime/runtime.cc:284] native: #02 pc 001e6133 /system/lib/libart.so (art::Monitor::Wait(art::Thread\*, long long, int, bool, art::ThreadState)+998)

F/art (13449): art/runtime/runtime.cc:284] native: #03 pc 001e770d /system/lib/libart.so (art::Monitor::Wait(art::Thread\*, art::mirror::Object\*, long long, int, bool, art::ThreadState)+120)

F/art (13449): art/runtime/runtime.cc:284] native: #04 pc 001f464d /system/lib/libart.so (art::Object\_wait(\_JNIEnv\*, \_jobject\*)+32)

F/art (13449): art/runtime/runtime.cc:284] native: #05 pc 000003d3 /data/dalvik-cache/arm/system@framework@boot.oat (Java\_java\_lang\_Object\_wait\_\_+82)

F/art (13449): art/runtime/runtime.cc:284] at java.lang.Object.wait!(Native method)

F/art (13449): art/runtime/runtime.cc:284] - waiting on <0x063f7ea5> (a java.lang.Class<java.lang.ref.ReferenceQueue>)

F/art (13449): art/runtime/runtime.cc:284] at java.lang.Daemons\$ReferenceQueueDaemon.run(Daemons.java:133)

F/art (13449): art/runtime/runtime.cc:284] - locked <0x063f7ea5> (a java.lang.Class<java.lang.ref.ReferenceQueue>)

F/art (13449): art/runtime/runtime.cc:284] at java.lang.Thread.run(Thread.java:818)

F/art (13449): art/runtime/runtime.cc:284]

F/art (13449): art/runtime/runtime.cc:284] "FinalizerDaemon" prio=5 tid=12 Waiting

F/art (13449): art/runtime/runtime.cc:284] native: #03 pc 001e770d /system/lib/libart.so (art::Monitor::Wait(art::Thread\*, art::mirror::Object\*, long long, int, bool, art::ThreadState)+120)

----- beginning of crash

F/libc (13449): Fatal signal 6 (SIGABRT), code -6 in tid 13468 (GCDaemon)

V/xyf (13881): ABI:armeabi-v7a

I/DEBUG (13439): \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\*

I/DEBUG (13439): Build fingerprint: 'Android/5.0.2/LRX22G/Inxbuild05081238:userdebug/test-keys'

I/DEBUG (13439): Revision: '0'

I/DEBUG (13439): ABI: 'arm'

I/DEBUG (13439): pid: 13449, tid: 13468, name: GCDaemon >>> UNKNOWN <<<

I/DEBUG (13439): cannot get siginfo: No such process

I/BootReceiver( 3981): Copying /data/tombstones/tombstone\_03 to DropBox (SYSTEM\_TOMBSTONE)

E/SharedPreferencesImpl( 3981): Couldn't create directory for SharedPreferences file shared\_prefs/log\_files.xml

W/InputDispatcher( 3981): channel '216d7a7f com.kunpo.gradeone/com.kunpo.gradeone.FirstGrade (server)' ~ Consumer closed input channel or an error occurred. events=0x9

E/InputDispatcher( 3981): channel '216d7a7f com.kunpo.gradeone/com.kunpo.gradeone.FirstGrade (server)' ~ Channel is unrecoverably broken and will be disposed!

I/ (13927): debuggerd: Mar 26 2015 14:56:33

I/WindowState( 3981): WIN DEATH: Window{216d7a7f u0

com.kunpo.gradeone/com.kunpo.gradeone.FirstGrade}

W/InputDispatcher( 3981): Attempted to unregister already unregistered input channel '216d7a7f com.kunpo.gradeone/com.kunpo.gradeone.FirstGrade (server)'

D/WifiService( 3981): Client connection lost with reason: 4

W/WindowManager( 3981): Force-removing child win Window{2e4fa74d u0 SurfaceView} from container Window{216d7a7f u0 com.kunpo.gradeone/com.kunpo.gradeone.FirstGrade}

W/WindowManager( 3981): Failed looking up window

W/WindowManager( 3981): java.lang.IllegalArgumentException: Requested window android.os.BinderProxy@3f6407aa does not exist

W/WindowManager( 3981): at com.android.server.wm.WindowManagerService.windowForClientLocked(WindowManagerService.java:8477)

W/WindowManager( 3981): at com.android.server.wm.WindowManagerService.windowForClientLocked(WindowManagerService.java:8468)

W/WindowManager( 3981): at com.android.server.wm.WindowState\$DeathRecipient.binderDied(WindowState.java:1113)

W/WindowManager( 3981): at android.os.BinderProxy.sendDeathNotice(Binder.java:551)

I/WindowState( 3981): WIN DEATH: null

thanks.  
wei

✓ Links (4)

Hide all

"< <https://docs.google.com/file/d/0ByDD-n-hkLLmLUNLUFdPYW5iODQ/edit...> >" ta...@ #7

"<https://android.googlesource.com/platform/art/+12f7423>" ta...@ #8


"see here: <http://android-developers.blogspot.com/2011/07/debugging-android-jni-with-ch...>" ta...@ #13

"<https://android-review.googlesource.com/#/c/143222/>" ma...@ #16

COMMENTS

All comments ▼

↓ Oldest first

 **ta...@gmail.com** <ta...@gmail.com> [#2](#) May 13, 2015 06:48PM ⋮


E/art (13449): Tried to mark 0x1 not contained by any spaces

E/art (13449): Attempting see if it's a bad root

E/art (13449): Found invalid root: 0x1 with type RootJNILocal

F/art (13449): art/runtime/gc/collector/mark\_sweep.cc:381] Can't mark invalid object

this logs located from ART gc mark/sweep:  
space::LargeObjectSpace\* large\_object\_space = mark\_sweep\_>GetHeap()->GetLargeObjectsSpace();  
LOG(ERROR) << "Tried to mark " << obj << " not contained by any spaces";  
LOG(ERROR) << "Attempting see if it's a bad root";  
mark\_sweep\_>VerifyRoots();  
LOG(FATAL) << "Can't mark invalid object";

 **en...@google.com** <en...@google.com> May 14, 2015 05:19AM

Assigned to ma...@google.com.

 **ta...@gmail.com** <ta...@gmail.com> [#3](#) May 14, 2015 01:32PM ⋮

[Comment deleted]

 **ta...@gmail.com** <ta...@gmail.com> [#4](#) May 14, 2015 01:34PM ⋮



it seems an android art issue in 5.0.2, if any workaround for this in AOSP?  
thanks for advance

**bd...@google.com** <bd...@google.com> [#5](#)

May 14, 2015 03:12PM

I see no attached APK, but it seems to be saying there is a JNI local reference containing the value 1 and not a valid jobject. Just because Dalvik didn't catch it, doesn't mean it is an ART issue. Seems like an app issue.

**ta...@gmail.com** <ta...@gmail.com> [#6](#)

May 14, 2015 04:09PM

sorry forget to notice that :the com.kunpo.gradeone\_1.4.0.apk is about 40 MB overtop the attachment max 10 MB size;  
if you can help to check it more , I will email the APK to you.  
thanks.

**ta...@gmail.com** <ta...@gmail.com> [#7](#)

May 14, 2015 04:18PM

com.kunpo.gradeone\_1.4.0.apk  
<[https://docs.google.com/file/d/0ByDD-n-hkLLmLUNLUfPYW5iODQ/edit?usp=drive\\_web](https://docs.google.com/file/d/0ByDD-n-hkLLmLUNLUfPYW5iODQ/edit?usp=drive_web)>  
FYI , uploaded and shared the APK

**ta...@gmail.com** <ta...@gmail.com> [#8](#)

May 15, 2015 05:55PM

find in AOSP 5.1 patch below, is this patch related ?  
<https://android.googlesource.com/platform/art/+12f7423>  
Example output:  
E/art (12167): Tried to mark 0x123 not contained by any spaces  
E/art (12167): Attempting see if it's a bad root  
E/art (12167): Found invalid root: 0x123 with type RootJavaFrame  
E/art (12167): Location=Visiting method  
'void java.lang.Runtime.gc()' at dex PC 0xffffffff (native PC 0x0)  
vreg=0

Bug: 18588862  
Change-Id: Ic5a2781f704e931265ffb3621c2eab4b2e25f60f

**ta...@gmail.com** <ta...@gmail.com> [#9](#)

May 19, 2015 12:34PM

any update? the patch is not related to this issue

**ma...@google.com** <ma...@google.com> [#10](#)

May 20, 2015 04:40AM

I can't reproduce the crash, I get a different crash instead.  
05-19 11:38:03.670 1438 1438 D tag : ppppppath: /data/data/com.kunpo.gradeone/files/GradeOne/  
05-19 11:38:03.688 255 280 I art : Starting a blocking GC Explicit  
05-19 11:38:03.709 1438 1438 W System.err: java.io.FileNotFoundException:  
/data/data/com.kunpo.gradeone/files/GradeOne/GradeOne-2015-05-19 11:38:03.log: open failed:  
ENOENT (No such file or directory)  
05-19 11:38:03.712 1438 1438 W System.err: at libcore.io.IoBridge.open(IoBridge.java:452)  
05-19 11:38:03.712 1438 1438 W System.err: at java.io.FileOutputStream.<init>  
(FileOutputStream.java:87)  
05-19 11:38:03.712 1438 1438 W System.err: at java.io.FileOutputStream.<init>  
(FileOutputStream.java:72)  
05-19 11:38:03.713 1438 1438 W System.err: at com.kunpo.gradeone.LogcatHelper\$LogDumper.<init>  
(LogcatHelper.java:87)  
05-19 11:38:03.713 1438 1438 W System.err: at  
com.kunpo.gradeone.LogcatHelper.start(LogcatHelper.java:63)  
05-19 11:38:03.714 1438 1438 W System.err: at  
com.kunpo.gradeone.GradeOneApplication.onCreate(GradeOneApplication.java:11)  
05-19 11:38:03.714 1438 1438 W System.err: at  
android.app.Instrumentation.callApplicationOnCreate(Instrumentation.java:1012)  
05-19 11:38:03.714 1438 1438 W System.err: at  
android.app.ActivityThread.handleBindApplication(ActivityThread.java:4593)  
05-19 11:38:03.715 1438 1438 W System.err: at  
android.app.ActivityThread.access\$1600(ActivityThread.java:151)  
05-19 11:38:03.715 1438 1438 W System.err: at  
android.app.ActivityThread\$H.handleMessage(ActivityThread.java:1386)  
05-19 11:38:03.715 1438 1438 W System.err: at

```

android.os.Handler.dispatchMessage(Handler.java:102)
05-19 11:38:03.715 1438 1438 W System.err: at android.os.Looper.loop(Looper.java:135)
05-19 11:38:03.715 1438 1438 W System.err: at
android.app.ActivityThread.main(ActivityThread.java:5294)
05-19 11:38:03.716 1438 1438 W System.err: at java.lang.reflect.Method.invoke(Native Method)
05-19 11:38:03.737 1438 1438 W System.err: at
com.android.internal.os.ZygoteInit$MethodAndArgsCaller.run(ZygoteInit.java:723)
05-19 11:38:03.737 1438 1438 W System.err: at
com.android.internal.os.ZygoteInit.main(ZygoteInit.java:613)
05-19 11:38:03.738 1438 1438 W System.err: Caused by: android.system.ErrnoException: open failed:
ENOENT (No such file or directory)
05-19 11:38:03.738 1438 1438 W System.err: at libcore.io.Posix.open(Native Method)
05-19 11:38:03.739 1438 1438 W System.err: at
libcore.io.BlockGuardOs.open(BlockGuardOs.java:186)
05-19 11:38:03.739 1438 1438 W System.err: at libcore.io.IoBridge.open(IoBridge.java:438)
05-19 11:38:06.682 255 1149 I libprocessgroup: Killing pid 1475 in uid 10050 as part of process group
1460

```

Having a 0x1 root in a JNI Local frame might indicate a JNI error, can you try running your app after setting the property:  
adb shell setprop debug.checkjni 1

ta...@gmail.com <ta...@gmail.com> #11

May 20, 2015 12:58PM

After set property:adb shell setprop debug.checkjni 1  
and got diff results with the prior and yours neither:  
attached the tombstone file.

```

05-20 02:43:40.213 I/Timeline( 2203): Timeline: Activity_windows_visible id: ActivityRecord{38f905cb u0
com.kunpo.gradeone/.FirstGrade t34} time:59532402
05-20 02:43:40.221 V/Network (16435): network [WIFI] is connected.
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] JNI DETECTED ERROR IN
APPLICATION: illegal class name 'com.kunpo.gradeone.FirstGrade'
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] (should be of the form
'package/Class', [Lpackage/Class;' or '[B')
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] in call to FindClass
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] from void
org.cocos2dx.lib.Cocos2dxRenderer.nativeInit(int, int)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] "GLThread 542" prio=5 tid=25 Runnable
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] | group="main" sCount=0 dsCount=0
obj=0x22d59a00 self=0xab12e8e0
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] | sysTid=16979 nice=0 cgrp=apps
sched=0/0 handle=0xab0e0de8
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] | state=R schedstat=( 24757336
19015679 120 ) utm=1 stm=1 core=2 HZ=100
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] | stack=0xe4fbc000-0xe4fbe000
stackSize=1036KB
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] | held mutexes= "mutator lock"(shared
held)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #00 pc 00004640
/system/lib/libbacktrace_libc++.so (UnwindCurrent::Unwind(unsigned int, ucontext*)+23)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #01 pc 00002e8d
/system/lib/libbacktrace_libc++.so (Backtrace::Unwind(unsigned int, ucontext*)+8)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #02 pc 0023ee05
/system/lib/libart.so (art::DumpNativeStack(std::__1::basic_ostream<char, std::__1::char_traits<char> >&,
int, char const*, art::mirror::ArtMethod*)+68)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #03 pc 0022429f
/system/lib/libart.so (art::Thread::Dump(std::__1::basic_ostream<char, std::__1::char_traits<char> >&)
const+146)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #04 pc 000af983
/system/lib/libart.so (art::JniAbort(char const*, char const*)+582)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #05 pc 000b00bd
/system/lib/libart.so (art::JniAbortF(char const*, char const*, ...)+60)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #06 pc 000b3ed3
/system/lib/libart.so (art::CheckJNI::FindClass(_JNIEnv*, char const*)+58)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #07 pc 00260b55
/data/app/com.kunpo.gradeone-1/lib/arm/libgame.so (???)
05-20 02:43:40.239 F/art (16435): art/runtime/check_jni.cc:65] native: #08 pc 00260baf
/data/app/com.kunpo.gradeone-1/lib/arm/libgame.so
(cocos2d::JniHelper::getStaticMethodInfo(cocos2d::JniMethodInfo_&, char const*, char const*, char
const*)+30)

```



ma...@google.com <ma...@google.com> [#12](#)

May 20, 2015 01:02PM ⋮

Can you try fixing the checkjni errors? In some cases these can cause the GC to crash if they aren't fixed.



ta...@gmail.com <ta...@gmail.com> [#13](#)

May 20, 2015 03:01PM ⋮

JNI DETECTED ERROR IN APPLICATION" means typically means it is the app, for more on checkjni issue. see here: <http://android-developers.blogspot.com/2011/07/debugging-android-jni-with-checkjni.html>

And this APK is the third-party APP, we has no app codes and it's hard to debug further for this JNI DETECTED ERROR IN APPLICATION error.

do you has any other suggestion.thx.



bd...@google.com <bd...@google.com> [#14](#)

May 20, 2015 03:47PM ⋮

*Status: New*

I suggest contacting the author of the app via the source you acquired it, feel free to direct them here.



[Deleted User] <[Deleted User]> [#15](#)

Jul 6, 2016 01:41PM ⋮

What the result of this issue?Do you fix it ?I see the same issue on 5.0 platform.



ma...@google.com <ma...@google.com> [#16](#)

Jul 9, 2016 02:56AM ⋮

*Marked as fixed, reassigned to ma...@google.com.*

Android 5.0 had some bugs in GC maps, this issue was fixed here:  
<https://android-review.googlesource.com/#/c/143222/>

It was causing the exact same crash:

03-25 20:50:21.874 864 878 E art : Tried to mark 0x1 not contained by any spaces

03-25 20:50:21.874 864 878 E art : Attempting see if it's a bad root

03-25 20:50:21.875 864 878 E art : Found invalid root: 0x1