

Figure - Bug #118129

Bug # 118126 (CLOSED): 【IOVDEV-29542】 【自动化测试】 【稳定性测试】 【VC1】 【副屏】 副屏重启
【IOVDEV-29629】 【自动化测试】 【稳定性测试】 【VC1】 【副屏】 monkey稳定性测试，副屏重启（实验室副屏2）
2023-05-22 13:55 - CDTs_TEST 王成

Status:	CLOSED	Start date:	2023-05-23
Priority:	Urgent	Due date:	2023-05-26
Assignee:	CD SYSTEM-夏旭	% Done:	100%
Category:	BSP	Estimated time:	0.00 hour
Target version:		Found Version:	01.00.0100.c103
Need_Info:	--	Degrated:	--
Resolution:	DUPLICATE	Verified Version:	
Severity:	Critical	Fixed Version:	
Reproducibility:	Occasionally	Root cause:	
Test Type:	ST		
Description			
【重启时间】：2023/5/20 14:00 ~ 5/22 08:30之间 【前提条件】：副屏上电 【操作步骤】 【前提条件】.副屏正常可以操作 1.执行monkey稳定性测试 【实际结果】 1.monkey停止运行， 安卓系统重启 【期望结果】 1.副屏正常再跑monkey命令 【备注】： adb shell ps -ef grep system_server 发现system_server PID 9000+, 怀疑system_srever被kill掉， 安卓重启 日志地址： 【硬件版本号】： 【中控版本号】：03.02.0080.c101 【副屏版本号】：01.00.0100.c103			
Subtasks:			
Bug # 118196: 【IOVDEV-29629】 【自动化测试】 【稳定性测试】 【VC1】 【副屏】 monkey稳定性测试...			CLOSED
Bug # 118200: 请确认一下显示驱动 DRM模块下面的报错是否异常			CLOSED

History

#1 - 2023-05-22 13:57 - CDTs_TEST 王成

http://cdiot@192.168.87.46/Pre_figure/Test_Log/118129/5_22_%E5%89%AF%E5%B1%8F2.7z

#2 - 2023-05-22 21:22 - CD SYSTEM-夏旭

- File 000501_persist_00490_230521_014205.log.ing added

- File 000501_persist_00824_230521_090710.log added

1.内存严重不足：

05-21 01:42:07.406 0 0 I [43392.934776] binder: 1539:7636 transaction failed 29189/-22, size 84-0 line 3071
05-21 01:42:07.406 0 0 W [43392.934837] unevictable: 27184 dirty:106 writeback:0 unstable:0
05-21 01:42:07.406 0 0 W [43392.934837] slab_reclaimable: 13532 slab_unreclaimable:76857
05-21 01:42:07.406 0 0 W [43392.934837] mapped: 37662 shmem:5216 pagetables:44818 bounce:0
05-21 01:42:07.406 0 0 W [43392.934837] free: 19134 free_pcp:1350 free_cma:0
05-21 01:42:07.406 0 0 W : [43392.934843] Node 0 active_anon:4908580kB inactive_anon:708080kB active_file:15716kB inactive_file:33416kB
unevictable:108736kB
isolated(anon):84kB isolated(file):128kB mapped:150648kB dirty:424kB writeback:0kB shmem:20864kB writeback_tmp:0kB unstable:0kB all_unreclaimable? no
05-21 01:42:07.406 0 0 W : [43392.934852] Normal free:74488kB min:7040kB low:41492kB high:43252kB active_anon:3377924kB inactive_anon:564480kB
active_file:15872kB
inactive_file:33572kB unevictable:107988kB writepending:424kB present:5960896kB managed:5799092kB mlocked:107988kB kernel_stack:65760kB
pagetables:179272kB bounce:0kB free_pcp:4664kB
local_pcp:500kB free_cma:0kB
05-21 01:42:07.406 0 0 W [43392.934853] lowmem_reserve[]: 0 16384
05-21 01:42:07.406 0 0 W : [43392.934862] Movable free:2048kB min:2544kB low:15000kB high:15636kB active_anon:1531244kB inactive_anon:143600kB
active_file:0kB
inactive_file:0kB unevictable:748kB writepending:0kB present:2097152kB managed:2097152kB mlocked:748kB kernel_stack:0kB pagetables:0kB bounce:0kB
free_pcp:736kB local_pcp:0kB
free_cma:0kB
05-21 01:42:07.406 0 0 W [43392.934863] lowmem_reserve[]: 0 0
05-21 01:42:07.406 0 0 W [43392.934866] Normal: 151*4kB (U) 614*8kB (UE) 254*16kB (UE) 675*32kB (UE) 610*64kB (UE) 0*128kB 0*256kB 0*512kB 0*1024kB
0*2048kB 1*4096kB (H) = 74316kB
05-21 01:42:07.406 0 0 W [43392.934881] Movable: 64*4kB (M) 23*8kB (M) 12*16kB (M) 9*32kB (M) 9*64kB (M) 3*128kB (M) 0*256kB 1*512kB (M) 0*1024kB
0*2048kB 0*4096kB = 2392kB
05-21 01:42:07.406 0 0 W : [43392.934897] 48765 total pagecache pages
05-21 01:42:07.406 0 0 W : [43392.934903] 4327 pages in swap cache
05-21 01:42:07.406 0 0 W : [43392.934905] Swap cache stats: add 2522505, delete 2521175, find 2976618/4088946
05-21 01:42:07.406 0 0 W : [43392.934907] Free swap = 0kB
05-21 01:42:07.406 0 0 W : [43392.934908] Total swap = 4194300kB
05-21 01:42:07.406 0 0 W : [43392.934910] 2014512 pages RAM
05-21 01:42:07.406 0 0 W : [43392.934912] 0 pages HighMem/MovableOnly
05-21 01:42:07.406 0 0 W : [43392.934913] 40451 pages reserved
05-21 01:42:07.406 0 0 W : [43392.934914] 89088 pages cma reserved

2.从现有log看monkey 最后运行的时间：

05-21 01:42:15.011 10350 10350 I Monkey : Sleeping for 500 milliseconds

3.system_server 已经在异常重启了

./FSEM_000501_0046_0521090725/logcat/000501_persist_00824_230521_090710.log:613:05-21 09:07:11.285 16797 16797 I system_server_start: [2,70096813,70096813]

具体请查看：000501_persist_00824_230521_090710.log

#3 - 2023-05-22 21:23 - CD SYSTEM-夏旭

- % Done changed from 0 to 10

#4 - 2023-05-24 19:17 - CD SYSTEM-夏旭

- File 000501_persist_00821_230521_090643.log added

1. system_server被杀

```
05-21 09:07:08.793  0  0 E    : [70094.313803] Out of memory: Kill process 1539 (system_server) score 0 or sacrifice child
05-21 09:07:08.796  0  0 E    : [70094.315833] Killed process 1539 (system_server) total-vm:21624184kB, anon-rss:0kB, file-rss:0kB, shmem-rss:8308kB
oom_score_adj=-900
```

2. 具体请看log文件

000501_persist_00821_230521_090643.log

3. 发现在此阶段的时间内system_server在大量GC

```
000501_persist_00766_230521_085422.log:1539:05-21 08:54:41.686 1539 1556 I system_server: Background concurrent copying GC freed 141761(8252KB)
AllocSpace objects, 40(5112KB) LOS objects, 46%
free, 27MB/51MB, paused 51us,66us total 185.006ms
000501_persist_00770_230521_085549.log:878:05-21 08:55:58.141 1539 1556 I system_server: Background concurrent copying GC freed 101376(5931KB)
AllocSpace objects, 34(3340KB) LOS objects,
46% free, 27MB/51MB, paused 53us,66us total 157.516ms
000501_persist_00774_230521_085646.log:300:05-21 08:56:46.702 1539 1556 I system_server: Background concurrent copying GC freed 297891(15MB)
AllocSpace objects, 64(8528KB) LOS objects, 45% free, 28MB/52MB, paused 699us,58us total 195.428ms
000501_persist_00778_230521_085756.log:1575:05-21 08:58:04.562 1539 1556 I system_server: Background concurrent copying GC freed 326696(21MB)
AllocSpace objects, 84(10MB) LOS objects, 45% free, 28MB/52MB, paused 41us,55us total 219.358ms
000501_persist_00782_230521_085843.log:1231:05-21 08:58:48.764 1539 1556 I system_server: Background concurrent copying GC freed 329334(15MB)
AllocSpace objects, 73(10MB) LOS objects, 45% free, 28MB/52MB, paused 10.306ms,60us total 164.712ms
000501_persist_00789_230521_085957.log:673:05-21 09:00:00.391 1539 1556 I system_server: Background concurrent copying GC freed 361624(16MB)
AllocSpace objects, 48(7552KB) LOS objects, 46% free, 27MB/51MB, paused 42us,54us total 206.875ms
000501_persist_00795_230521_090114.log:1099:05-21 09:01:23.767 1539 1556 I system_server: Background concurrent copying GC freed 259591(16MB)
AllocSpace objects, 95(9000KB) LOS objects, 45% free, 28MB/52MB, paused 67us,59us total 158.328ms
000501_persist_00799_230521_090207.log:1200:05-21 09:02:14.978 1539 1556 I system_server: Background concurrent copying GC freed 310333(15MB)
AllocSpace objects, 64(9092KB) LOS objects, 46% free, 27MB/51MB, paused 44us,57us total 115.428ms
000501_persist_00803_230521_090301.log:1649:05-21 09:03:12.067 1539 1556 I system_server: Background concurrent copying GC freed 310174(15MB)
AllocSpace objects, 69(9540KB) LOS objects, 45% free, 28MB/52MB, paused 825us,958us total 171.950ms
```

4. 下一步，请AF调查一下上面的情况是否何理？

#5 - 2023-05-24 20:17 - CD SYSTEM-夏旭

- Resolution changed from -- to DUPLICATE

与bug118126相同 #[[<https://share.thundersoft.com/redmine/issues/118126>]]

```
05-21 09:07:08.793  0  0 E    : [70094.313803] Out of memory: Kill process 1539 (system_server) score 0 or sacrifice child
05-21 09:07:08.796  0  0 E    : [70094.315833] Killed process 1539 (system_server) total-vm:21624184kB, anon-rss:0kB, file-rss:0kB, shmem-rss:8308kB
oom_score_adj=-90
```

#6 - 2023-05-24 20:23 - CD SYSTEM-胡兵

- Parent task set to #118126

#7 - 2023-05-26 17:24 - CD SYSTEM-胡兵

- Status changed from New to RESOLVED

#8 - 2023-06-02 17:21 - CD TEST-方永红

- Status changed from RESOLVED to VERIFIED

#9 - 2023-06-02 17:21 - CD TEST-方永红

- Status changed from VERIFIED to CLOSED

Files			
000501_persist_00490_230521_014205.log.ing	184 KB	2023-05-22	CD SYSTEM-夏旭
000501_persist_00824_230521_090710.log	249 KB	2023-05-22	CD SYSTEM-夏旭
000501_persist_00821_230521_090643.log	240 KB	2023-05-24	CD SYSTEM-夏旭