

①

“adb shell dumpsys activity 동작에 대한 분석”

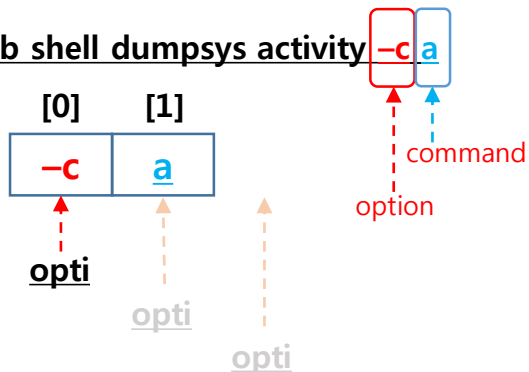
C:\Users\ohsukkwon>adb shell dumpsys activity -c a

adb shell dumpsys activity -c a

```
ACTIVITY MANAGER ACTIVITIES (dumpsys activity activities)
Display #0 (activities from top to bottom):
Stack #0:
  mFullscreen=true
  mBounds=null
  Task id #0
    mFullscreen=true
    mBounds=null
    mMinimalWidth=-1
    mMinimalHeight=-1
    mLastNonFullscreenBounds=null
  * TaskRecord{b3e3b6a #0 I=com.android.launcher3/.Launcher U=0 StackId=0 sz=1}
    userId=0 effectiveUid=u0a11 mCallingUid=0 mUserSetupComplete=true mCallingPackage=null
    intent={act=android.intent.action.MAIN cat=[android.intent.category.HOME] flg=0x10000100 cmp=com.android.launcher3/.Launcher}
    realActivity=com.android.launcher3/.Launcher
    autoRemoveRecents=false isPersistable=true numFullscreen=1 taskType=1 mTaskToReturnTo=1
    rootHasReset=false mNeverRelinquishIdentity=true mReuseTask=false mLockTaskAuth=LOCK_TASK_AUTH_PINNABLE
    Activities=[ActivityRecord{9e0900f u0 com.android.launcher3/.Launcher t0}]
    askedCompatMode=false inRecents=true isAvailable=true
    lastThumbnail=null lastThumbnailFile=/data/system_ce/0/recent_images/0_task_thumbnail.png
    stackId=0
    hasBeenVisible=true mResizeMode=RESIZE_MODE_FORCE_RESIZEABLE isResizeable=false firstActiveTime=589728485 lastActiveTime=589728485
  * Hist #0: ActivityRecord{9e0900f u0 com.android.launcher3/.Launcher t0}
    packageName=com.android.launcher3 processName=com.android.launcher3
    launchedFromUid=0 launchedFromPackage=null userId=0
    app=ProcessRecord{f2302d6 1416:com.android.launcher3/u0a11}
    Intent { act=android.intent.action.MAIN cat=[android.intent.category.HOME] flg=0x10000100 cmp=com.android.launcher3/.Launcher }
    frontOfTask=true task=TaskRecord{b3e3b6a #0 I=com.android.launcher3/.Launcher U=0 StackId=0 sz=1}
    taskAffinity=null
    realActivity=com.android.launcher3/.Launcher
    baseDir=/system/priv-app/Launcher3/Launcher3.apk
    dataDir=/data/user/0/com.android.launcher3
```

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adb shell dumpsys activity



args[i] 에서 arg 를 가져오고 나면, opti 를 증가시킴
ex) String dumpPackage = dumpPackage = args[opti];
opti++;

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**dumpActivitiesLocked(FileDescriptor fd, PrintWriter pw, String[] args,
int opti, boolean dumpAll, boolean dumpClient, String dumpPackage)**

: Print all of displays -> all of stacks -> all of tasks -> all of activities

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“adb shell am ... 동작에 대한 분석”

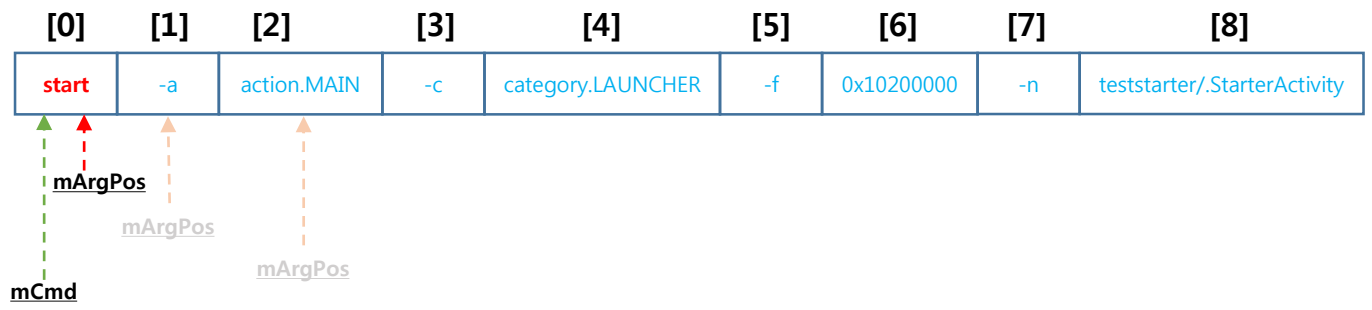
```
C:\Users\ohsukkwon>adb shell am start -a android.intent.action.MAIN -c android.intent.category.LAUNCHER -f 0x10200000 -n com.samsung.teststarter/.StarterActivity
```

```
adb shell am start
-a android.intent.action.MAIN
-c android.intent.category.LAUNCHER
-f 0x10200000
-n com.samsung.teststarter/.StarterActivity
```

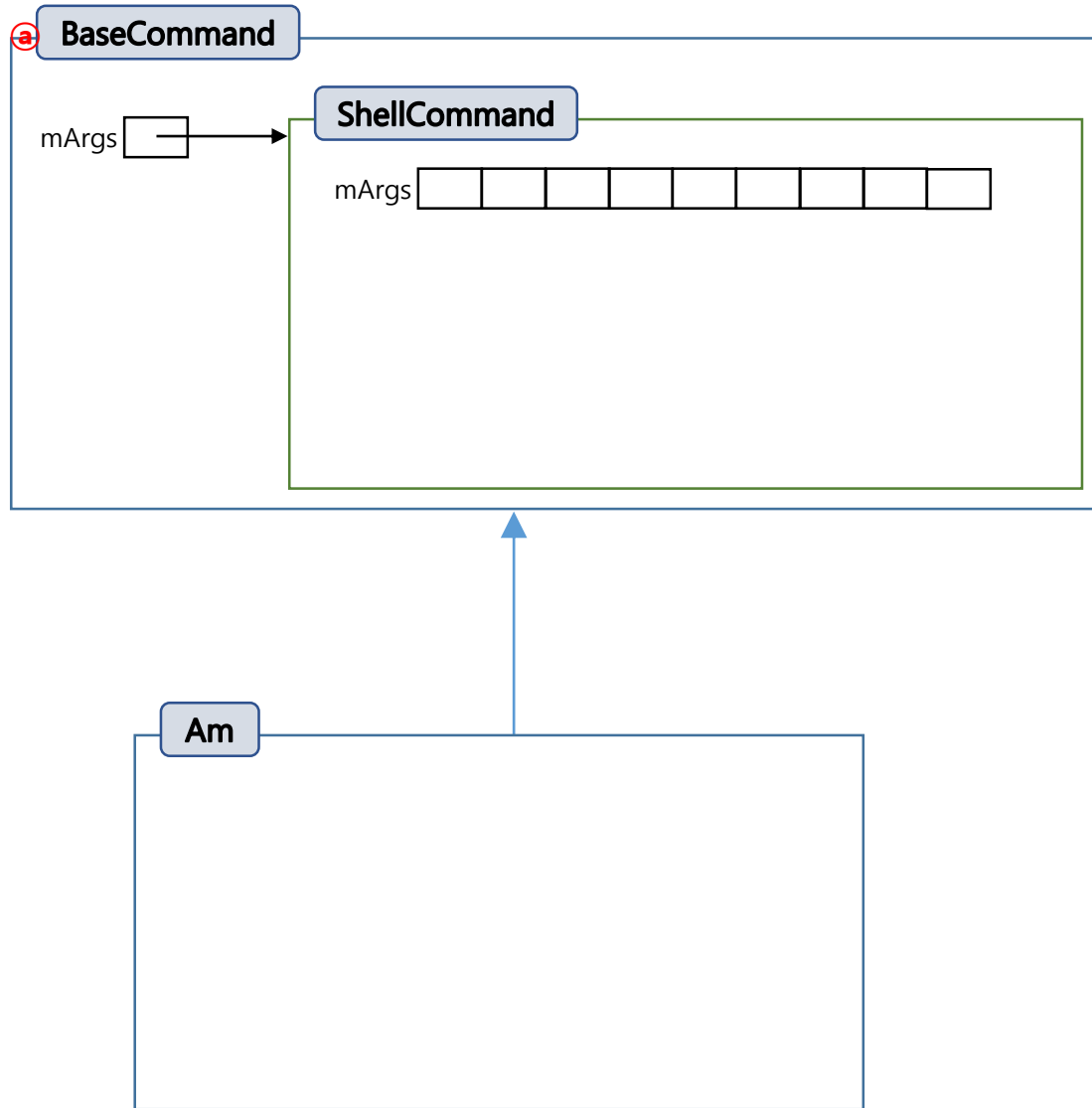
```
Starting: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] flg=0x10200000 cmp=com.samsung.teststarter/.StarterActivity }
C:\Users\ohsukkwon>
```

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adb shell am start -a android.intent.action.MAIN -c android.intent.category.LAUNCHER -f 0x10200000 -n com.samsung.teststarter/.StarterActivity



“Am class 구조”



“ActivityManagerShellCommand class 구조”

a

