

The command line :

```
adb shell monkey -p com.example.chenrui.myapplication -v 300 >/Users/chenrui/AndroidStudioProjects/MyApplication/log/monkeylog.txt
```

```
:Monkey: seed=1511184405694 count=300
:AllowPackage: com.example.chenrui.myapplication
:IncludeCategory: android.intent.category.LAUNCHER
:IncludeCategory: android.intent.category.MONKEY
```

the number of events I set to test my APP

// Event percentages:

the percent of event type

the package we test

```
// 0: 15.0%
// 1: 10.0%
// 2: 2.0%
// 3: 15.0%
// 4: -0.0%
// 5: -0.0%
// 6: 25.0%
// 7: 15.0%
// 8: 2.0%
// 9: 2.0%
// 10: 1.0%
// 11: 13.0%

0:touch
1:motion
2:pinchzoom
3:trackball
4:rotation
5:nav
6:majornav
7:syskeys
8:appswitch
9:flip
10:anyevent
11:count
```

if we use the same seed then we will create the same events to test

:Switch: to know which activity is executed

```
#Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.example.chenrui.myapplication/.MainActivity;end
```

```
// Allowing start of Intent { act=android.intent.action.MAIN
cat=[android.intent.category.LAUNCHER]
cmp=com.example.chenrui.myapplication/.MainActivity } in package
com.example.chenrui.myapplication
```

```
:Sending Trackball (ACTION_MOVE): 0:(-4.0,2.0)
:Sending Touch (ACTION_DOWN): 0:(1066.0,467.0)
:Sending Touch (ACTION_UP): 0:(1080.0,408.5432)
:Sending Trackball (ACTION_MOVE): 0:(2.0,-5.0)
:Sending Trackball (ACTION_MOVE): 0:(2.0,-2.0)
:Sending Trackball (ACTION_MOVE): 0:(-4.0,3.0)
:Sending Touch (ACTION_DOWN): 0:(698.0,135.0)
:Sending Touch (ACTION_UP): 0:(655.1527,101.05059)
:Sending Flip keyboardOpen=false
```

IOException analysis: maybe because my file name contains illegal character.

```
Got IOException performing flipjava.io.IOException: write failed:
EINVAL (Invalid argument)
```

```
// Injection Failed
```

```
:Sending Touch (ACTION_DOWN): 0:(607.0,62.0)
:Sending Touch (ACTION_UP): 0:(594.97943,62.641037)
//[calendar_time:2017-11-17 16:24:13.550 system_uptime:
1378487613]
```

```
// Sending event #100
```

```
:Sending Touch (ACTION_DOWN): 0:(452.0,925.0)
:Sending Touch (ACTION_UP): 0:(452.46445,922.36017)
:Sending Touch (ACTION_DOWN): 0:(949.0,522.0)
:Sending Touch (ACTION_UP): 0:(989.9973,527.7083)
:Sending Touch (ACTION_DOWN): 0:(145.0,724.0)
:Sending Touch (ACTION_UP): 0:(146.81874,724.7106)
:Sending Touch (ACTION_DOWN): 0:(381.0,143.0)
:Sending Touch (ACTION_UP): 0:(385.67386,133.70338)
:Sending Trackball (ACTION_MOVE): 0:(-5.0,-4.0)
:Sending Trackball (ACTION_UP): 0:(0.0,0.0)
:Sending Touch (ACTION_DOWN): 0:(723.0,1115.0)
:Sending Touch (ACTION_UP): 0:(717.808,1136.8881)
```

```

:Sending Trackball (ACTION_MOVE): 0:(3.0,3.0)
:Sending Trackball (ACTION_MOVE): 0:(2.0,2.0)
:Sending Touch (ACTION_DOWN): 0:(814.0,430.0)
:Sending Touch (ACTION_UP): 0:(824.2384,432.8547)
:Sending Touch (ACTION_DOWN): 0:(1068.0,329.0)
:Sending Touch (ACTION_UP): 0:(1054.9661,334.32898)
:Sending Touch (ACTION_DOWN): 0:(411.0,1349.0)
:Sending Touch (ACTION_UP): 0:(461.7699,1360.899)
:Sending Trackball (ACTION_MOVE): 0:(1.0,1.0)
:Sending Touch (ACTION_DOWN): 0:(280.0,1423.0)
  // [calendar_time:2017-11-17 16:24:14.086 system_uptime:
1378488148]
  // Sending event #200
:Sending Touch (ACTION_UP): 0:(258.44467,1502.6041)
:Sending Touch (ACTION_DOWN): 0:(748.0,1083.0)
:Sending Touch (ACTION_UP): 0:(757.68713,1097.4059)
:Sending Touch (ACTION_DOWN): 0:(905.0,569.0)
:Sending Touch (ACTION_UP): 0:(893.3088,567.9087)
:Switch:
#Intent;action=android.intent.action.MAIN;category=android.intent.ca
tegory.LAUNCHER;launchFlags=0x10200000;component=com.example.chenrui
.myapplication/.MainActivity;end
  // Allowing start of Intent { act=android.intent.action.MAIN
cat=[android.intent.category.LAUNCHER]
cmp=com.example.chenrui.myapplication/.MainActivity } in package
com.example.chenrui.myapplication
:Sending Trackball (ACTION_MOVE): 0:(1.0,-3.0)
:Sending Trackball (ACTION_MOVE): 0:(0.0,4.0)
:Sending Trackball (ACTION_UP): 0:(0.0,0.0)
:Sending Touch (ACTION_DOWN): 0:(881.0,36.0)
:Sending Touch (ACTION_UP): 0:(881.1294,28.687319)
:Sending Touch (ACTION_DOWN): 0:(542.0,767.0)
:Sending Touch (ACTION_UP): 0:(544.7779,775.74005)
:Switch:
#Intent;action=android.intent.action.MAIN;category=android.intent.ca
tegory.LAUNCHER;launchFlags=0x10200000;component=com.example.chenrui
.myapplication/.MainActivity;end
  // Allowing start of Intent { act=android.intent.action.MAIN
cat=[android.intent.category.LAUNCHER]
cmp=com.example.chenrui.myapplication/.MainActivity } in package
com.example.chenrui.myapplication
:Sending Touch (ACTION_DOWN): 0:(234.0,1848.0)
:Sending Touch (ACTION_UP): 0:(254.60493,1861.4473)
:Sending Trackball (ACTION_MOVE): 0:(-4.0,-5.0)
:Sending Trackball (ACTION_MOVE): 0:(-4.0,0.0)
:Sending Touch (ACTION_DOWN): 0:(695.0,285.0)
:Sending Touch (ACTION_UP): 0:(667.3237,240.77473)
Events injected: 300
:Sending rotation degree=0, persist=false
:Dropped: keys=0 pointers=0 trackballs=0 flips=1 rotations=0
## Network stats: elapsed time=1918ms (0ms mobile, 0ms wifi, 1918ms
not connected)
// Monkey finished

```

I just do not know why
all three testing
activities are all
main activity???

Overall analysis:

There are no "ANR" / "CRASH" / "GC" problems.