**1. adb shell monkey -p com.google.blockly.demo -v 100**

**让Monkey启动小小猿APP并发送100个随机事件并反馈不太详细的日志信息（日志级别 Level 0）**

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: -v

bash arg: 100

args: [-p, com.google.blockly.demo, -v, 100]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "-v"

arg: "100"

data="com.google.blockly.demo"

:Monkey: seed=1557531926344 count=100

:AllowPackage: com.google.blockly.demo

:IncludeCategory: android.intent.category.LAUNCHER

:IncludeCategory: android.intent.category.MONKEY

// Event percentages:

// 0: 15.0%

// 1: 10.0%

// 2: 2.0%

// 3: 15.0%

// 4: -0.0%

// 5: 25.0%

// 6: 15.0%

// 7: 2.0%

// 8: 2.0%

// 9: 1.0%

// 10: 13.0%

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

:Sending Trackball (ACTION\_MOVE): 0:(4.0,3.0)

:Sending Touch (ACTION\_DOWN): 0:(85.0,1010.0)

:Sending Touch (ACTION\_UP): 0:(83.19878,1015.62054)

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

:Sending Trackball (ACTION\_MOVE): 0:(4.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,3.0)

:Sending Touch (ACTION\_DOWN): 0:(905.0,278.0)

:Sending Touch (ACTION\_UP): 0:(909.13635,278.35318)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-1.0)

:Sending Touch (ACTION\_DOWN): 0:(1350.0,727.0)

:Sending Touch (ACTION\_UP): 0:(1351.1455,715.1901)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-4.0)

:Sending Touch (ACTION\_DOWN): 0:(1206.0,650.0)

:Sending Touch (ACTION\_UP): 0:(1206.394,653.034)

:Sending Touch (ACTION\_DOWN): 0:(1706.0,47.0)

:Sending Touch (ACTION\_UP): 0:(1711.7056,48.03795)

:Sending Touch (ACTION\_DOWN): 0:(807.0,705.0)

:Sending Touch (ACTION\_UP): 0:(820.02356,703.723)

Events injected: 100

:Sending rotation degree=0, persist=false

:Dropped: keys=0 pointers=0 trackballs=0 flips=0 rotations=0

## Network stats: elapsed time=966ms (0ms mobile, 0ms wifi, 966ms not connected)

// Monkey finished

对上述结果分析：

触摸事件：15%

滑动事件：10%

缩放事件：2%

轨迹球事件：15%

屏幕旋转：无

导航事件：25%

主要导航事件：15%

系统事件：2%

启动事件：2%

键盘翻转事件：1%

其他事件：13%

**2. adb shell monkey -p com.google.blockly.demo -v -v 100**

**让Monkey启动小小猿APP并发送100个随机事件并反馈较为详细的日志信息（日志级别 Level 1）**

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: -v

bash arg: -v

bash arg: 100

args: [-p, com.google.blockly.demo, -v, -v, 100]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "-v"

arg: "-v"

arg: "100"

data="com.google.blockly.demo"

:Monkey: seed=1557535364075 count=100

:AllowPackage: com.google.blockly.demo

:IncludeCategory: android.intent.category.LAUNCHER

:IncludeCategory: android.intent.category.MONKEY

// Selecting main activities from category android.intent.category.LAUNCHER

// + Using main activity com.google.blockly.android.demo.Welcome (from package com.google.blockly.demo)

// Selecting main activities from category android.intent.category.MONKEY

// Seeded: 1557535364075

// Event percentages:

// 0: 15.0%

// 1: 10.0%

// 2: 2.0%

// 3: 15.0%

// 4: -0.0%

// 5: 25.0%

// 6: 15.0%

// 7: 2.0%

// 8: 2.0%

// 9: 1.0%

// 10: 13.0%

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(0.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,1.0)

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1391.0,626.0)

:Sending Touch (ACTION\_MOVE): 0:(1393.0746,627.05756)

:Sending Touch (ACTION\_UP): 0:(1393.2892,640.3212)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,0.0)

:Sending Trackball (ACTION\_DOWN): 0:(0.0,0.0)

:Sending Trackball (ACTION\_UP): 0:(0.0,0.0)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,2.0)

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1790.0,40.0)

:Sending Touch (ACTION\_UP): 0:(1792.1069,39.679035)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(313.0,106.0)

:Sending Touch (ACTION\_UP): 0:(324.40375,98.51545)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 204 // KEYCODE\_LANGUAGE\_SWITCH

:Sending Key (ACTION\_UP): 204 // KEYCODE\_LANGUAGE\_SWITCH

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 163 // KEYCODE\_NUMPAD\_RIGHT\_PAREN

:Sending Key (ACTION\_UP): 163 // KEYCODE\_NUMPAD\_RIGHT\_PAREN

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 89 // KEYCODE\_MEDIA\_REWIND

:Sending Key (ACTION\_UP): 89 // KEYCODE\_MEDIA\_REWIND

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1066.0,155.0)

:Sending Touch (ACTION\_MOVE): 0:(1072.5668,155.91423)

:Sending Touch (ACTION\_MOVE): 0:(1080.457,157.69455)

:Sending Touch (ACTION\_MOVE): 0:(1082.9866,158.61417)

:Sending Touch (ACTION\_MOVE): 0:(1087.1049,160.5076)

:Sending Touch (ACTION\_MOVE): 0:(1088.4124,162.55988)

:Sending Touch (ACTION\_UP): 0:(1094.106,163.38431)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 239 // KEYCODE\_TV\_SATELLITE\_CS

:Sending Key (ACTION\_UP): 239 // KEYCODE\_TV\_SATELLITE\_CS

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-5.0)

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(0.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,4.0)

:Sending Touch (ACTION\_DOWN): 0:(319.0,55.0)

:Sending Touch (ACTION\_UP): 0:(327.08743,57.082745)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(2.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-3.0)

Events injected: 100

:Sending rotation degree=0, persist=false

:Dropped: keys=0 pointers=0 trackballs=0 flips=0 rotations=0

## Network stats: elapsed time=1060ms (0ms mobile, 0ms wifi, 1060ms not connected)

// Monkey finished

对上述结果分析：

触摸事件：15%

滑动事件：10%

缩放事件：2%

轨迹球事件：15%

屏幕旋转：无

导航事件：25%

主要导航事件：15%

系统事件：2%

启动事件：2%

键盘翻转事件：1%

其他事件：13%

**3. adb shell monkey -p com.google.blockly.demo -v -v -v 100**

**让Monkey启动小小猿APP并发送100个随机事件并反馈最详细的日志信息（日志级别 Level 3）**

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: -v

bash arg: -v

bash arg: -v

bash arg: 100

args: [-p, com.google.blockly.demo, -v, -v, -v, 100]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "-v"

arg: "-v"

arg: "-v"

arg: "100"

data="com.google.blockly.demo"

:Monkey: seed=1557345605738 count=100

:AllowPackage: com.google.blockly.demo

:IncludeCategory: android.intent.category.LAUNCHER

:IncludeCategory: android.intent.category.MONKEY

// Selecting main activities from category android.intent.category.LAUNCHER

// - NOT USING main activity com.android.camera.CameraLauncher (from package com.android.camera2)

// - NOT USING main activity com.google.android.apps.chrome.Main (from package com.android.chrome)

// - NOT USING main activity com.android.contacts.activities.PeopleActivity (from package com.android.contacts)

// - NOT USING main activity com.android.settings.Settings (from package com.android.settings)

// - NOT USING main activity com.google.android.apps.docs.app.NewMainProxyActivity (from package com.google.android.apps.docs)

// - NOT USING main activity com.google.android.maps.MapsActivity (from package com.google.android.apps.maps)

// - NOT USING main activity com.google.android.apps.messaging.ui.ConversationListActivity (from package com.google.android.apps.messaging)

// - NOT USING main activity com.google.android.apps.photos.home.HomeActivity (from package com.google.android.apps.photos)

// - NOT USING main activity com.android.calendar.AllInOneActivity (from package com.google.android.calendar)

// - NOT USING main activity com.android.deskclock.DeskClock (from package com.google.android.deskclock)

// - NOT USING main activity com.google.android.dialer.extensions.GoogleDialtactsActivity (from package com.google.android.dialer)

// - NOT USING main activity com.google.android.gm.ConversationListActivityGmail (from package com.google.android.gm)

// - NOT USING main activity com.android.music.activitymanagement.TopLevelActivity (from package com.google.android.music)

// - NOT USING main activity com.google.android.youtube.videos.EntryPoint (from package com.google.android.videos)

// - NOT USING main activity com.google.android.youtube.app.honeycomb.Shell$HomeActivity (from package com.google.android.youtube)

// - NOT USING main activity com.android.gesture.builder.GestureBuilderActivity (from package com.android.gesture.builder)

// - NOT USING main activity com.android.widgetpreview.WidgetPreviewActivity (from package com.android.widgetpreview)

// - NOT USING main activity com.example.android.apis.ApiDemos (from package com.example.android.apis)

// - NOT USING main activity com.android.calculator2.Calculator (from package com.android.calculator2)

// - NOT USING main activity com.android.customlocale2.CustomLocaleActivity (from package com.android.customlocale2)

// - NOT USING main activity com.android.development.Development (from package com.android.development)

// - NOT USING main activity com.android.documentsui.LauncherActivity (from package com.android.documentsui)

// - NOT USING main activity com.google.android.apps.tachyon.MainActivity (from package com.google.android.apps.tachyon)

// - NOT USING main activity com.google.android.apps.wallpaper.picker.CategoryPickerActivity (from package com.google.android.apps.wallpaper)

// - NOT USING main activity com.google.android.googlequicksearchbox.VoiceSearchActivity (from package com.google.android.googlequicksearchbox)

// - NOT USING main activity com.google.android.googlequicksearchbox.SearchActivity (from package com.google.android.googlequicksearchbox)

// - NOT USING main activity org.chromium.webview\_shell.WebViewBrowserActivity (from package org.chromium.webview\_shell)

// + Using main activity com.google.blockly.android.demo.Welcome (from package com.google.blockly.demo)

// Selecting main activities from category android.intent.category.MONKEY

// - NOT USING main activity com.android.settings.Settings$RunningServicesActivity (from package com.android.settings)

// - NOT USING main activity com.android.settings.Settings$StorageUseActivity (from package com.android.settings)

// - NOT USING main activity com.google.android.apps.nexuslauncher.NexusLauncherActivity (from package com.google.android.apps.nexuslauncher)

// - NOT USING main activity com.google.android.googlequicksearchbox.SearchActivity (from package com.google.android.googlequicksearchbox)

// Seeded: 1557345605738

// Event percentages:

// 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%

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 251 // KEYCODE\_TV\_INPUT\_VGA\_1

:Sending Key (ACTION\_UP): 251 // KEYCODE\_TV\_INPUT\_VGA\_1

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(540.0,884.0)

:Sending Touch (ACTION\_UP): 0:(558.57135,897.6255)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(182.0,949.0)

:Sending Touch (ACTION\_UP): 0:(180.215,945.7751)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1392.0,412.0)

:Sending Touch (ACTION\_UP): 0:(1397.4923,411.97855)

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1547.0,957.0)

:Sending Touch (ACTION\_UP): 0:(1546.0319,949.1412)

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1045.0,892.0)

:Sending Touch (ACTION\_POINTER\_DOWN 1): 0:(1046.412,908.9615) 1:(1647.0,127.0)

:Sending Touch (ACTION\_MOVE): 0:(1048.9253,921.8808) 1:(1644.4906,133.51962)

:Sending Touch (ACTION\_POINTER\_UP 1): 0:(1058.0034,944.85486) 1:(1642.6948,142.06575)

:Sending Touch (ACTION\_UP): 0:(1072.099,953.07837)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(240.0,552.0)

:Sending Touch (ACTION\_UP): 0:(230.1912,539.05994)

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,4.0)

:Sending Touch (ACTION\_DOWN): 0:(788.0,197.0)

:Sending Touch (ACTION\_UP): 0:(795.57526,196.8302)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 230 // KEYCODE\_TV\_DATA\_SERVICE

:Sending Key (ACTION\_UP): 230 // KEYCODE\_TV\_DATA\_SERVICE

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(971.0,345.0)

:Sending Touch (ACTION\_MOVE): 0:(974.2198,346.899)

:Sending Touch (ACTION\_MOVE): 0:(978.13477,347.02252)

:Sending Touch (ACTION\_MOVE): 0:(978.97736,347.84772)

:Sending Touch (ACTION\_MOVE): 0:(983.75287,348.1002)

:Sending Touch (ACTION\_MOVE): 0:(986.1953,348.85184)

:Sending Touch (ACTION\_MOVE): 0:(988.5593,349.51105)

:Sending Touch (ACTION\_MOVE): 0:(991.2684,350.14993)

:Sending Touch (ACTION\_UP): 0:(991.4172,351.34848)

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-5.0)

:Sending Key (ACTION\_DOWN): 231 // KEYCODE\_VOICE\_ASSIST

:Sending Key (ACTION\_UP): 231 // KEYCODE\_VOICE\_ASSIST

// Rejecting start of Intent { act=android.speech.action.WEB\_SEARCH cmp=com.google.android.googlequicksearchbox/.SearchActivity } in package com.google.android.googlequicksearchbox

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(558.0,156.0)

:Sending Touch (ACTION\_MOVE): 0:(562.54596,159.20888)

:Sending Touch (ACTION\_UP): 0:(566.0228,177.26486)

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(3.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,4.0)

:Sending Flip keyboardOpen=false

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 0 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1271.0,951.0)

:Sending Touch (ACTION\_UP): 0:(1258.0238,946.25366)

Sleeping for 0 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 0 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,1.0)

Events injected: 100

:Sending rotation degree=0, persist=false

:Dropped: keys=0 pointers=0 trackballs=0 flips=0 rotations=0

## Network stats: elapsed time=1781ms (0ms mobile, 0ms wifi, 1781ms not connected)

// Monkey finished

对上述结果分析：

触摸事件：15%

滑动事件：10%

缩放事件：2%

轨迹球事件：15%

屏幕旋转：无

导航事件：25%

主要导航事件：15%

系统事件：2%

启动事件：2%

键盘翻转事件：1%

其他事件：13%

**4. adb shell monkey -p com.google.blockly.demo -s 1234 500**

**让Monkey启动小小猿APP并发送500个随机事件，指定伪随机数生成器的seed值为1234，再次执行仍设置seed值为1234，比较两次结果**

第一次执行：

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: -s

bash arg: 1234

bash arg: 500

args: [-p, com.google.blockly.demo, -s, 1234, 500]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "-s"

arg: "1234"

arg: "500"

data="com.google.blockly.demo"

data="1234"

// Injection Failed

// CRASH: com.google.blockly.demo (pid 29302)

// Short Msg: java.lang.NullPointerException

// Long Msg: java.lang.NullPointerException: Attempt to invoke virtual method 'int com.google.blockly.model.BlocklyCategory.indexOf(com.google.blockly.model.Block)' on a null object reference

// Build Label: google/sdk\_gphone\_x86/generic\_x86:8.0.0/OSR1.170901.056/4497355:userdebug/dev-keys

// Build Changelist: 4497355

// Build Time: 1513035881000

// java.lang.NullPointerException: Attempt to invoke virtual method 'int com.google.blockly.model.BlocklyCategory.indexOf(com.google.blockly.model.Block)' on a null object reference

// at com.google.blockly.android.ui.BlockRecyclerViewHelper.getWorkspaceBlockGroupForTouch(BlockRecyclerViewHelper.java:195)

// at com.google.blockly.android.ui.BlockRecyclerViewHelper.access$900(BlockRecyclerViewHelper.java:50)

// at com.google.blockly.android.ui.BlockRecyclerViewHelper$DragHandler$1.run(BlockRecyclerViewHelper.java:326)

// at com.google.blockly.android.ui.Dragger$5.run(Dragger.java:572)

// at android.os.Handler.handleCallback(Handler.java:789)

// at android.os.Handler.dispatchMessage(Handler.java:98)

// at android.os.Looper.loop(Looper.java:164)

// at android.app.ActivityThread.main(ActivityThread.java:6541)

// at java.lang.reflect.Method.invoke(Native Method)

// at com.android.internal.os.Zygote$MethodAndArgsCaller.run(Zygote.java:240)

// at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:767)

//

\*\* Monkey aborted due to error.

Events injected: 278

## Network stats: elapsed time=5215ms (0ms mobile, 0ms wifi, 5215ms not connected)

\*\* System appears to have crashed at event 278 of 500 using seed 1234

第二次执行：

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: -s

bash arg: 1234

bash arg: 500

args: [-p, com.google.blockly.demo, -s, 1234, 500]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "-s"

arg: "1234"

arg: "500"

data="com.google.blockly.demo"

data="1234"

// Injection Failed

// CRASH: com.google.blockly.demo (pid 29481)

// Short Msg: java.lang.NullPointerException

// Long Msg: java.lang.NullPointerException: Attempt to invoke virtual method 'int com.google.blockly.model.BlocklyCategory.indexOf(com.google.blockly.model.Block)' on a null object reference

// Build Label: google/sdk\_gphone\_x86/generic\_x86:8.0.0/OSR1.170901.056/4497355:userdebug/dev-keys

// Build Changelist: 4497355

// Build Time: 1513035881000

// java.lang.NullPointerException: Attempt to invoke virtual method 'int com.google.blockly.model.BlocklyCategory.indexOf(com.google.blockly.model.Block)' on a null object reference

// at com.google.blockly.android.ui.BlockRecyclerViewHelper.getWorkspaceBlockGroupForTouch(BlockRecyclerViewHelper.java:195)

// at com.google.blockly.android.ui.BlockRecyclerViewHelper.access$900(BlockRecyclerViewHelper.java:50)

// at com.google.blockly.android.ui.BlockRecyclerViewHelper$DragHandler$2.run(BlockRecyclerViewHelper.java:344)

// at android.os.Handler.handleCallback(Handler.java:789)

// at android.os.Handler.dispatchMessage(Handler.java:98)

// at android.os.Looper.loop(Looper.java:164)

// at android.app.ActivityThread.main(ActivityThread.java:6541)

// at java.lang.reflect.Method.invoke(Native Method)

// at com.android.internal.os.Zygote$MethodAndArgsCaller.run(Zygote.java:240)

// at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:767)

//

\*\* Monkey aborted due to error.

Events injected: 278

## Network stats: elapsed time=5644ms (0ms mobile, 0ms wifi, 5644ms not connected)

\*\* System appears to have crashed at event 278 of 500 using seed 1234

分析结果得：两次pid值不同，响应时间不同，其他数据基本相同。出现crash，说明系统出现崩溃问题。出现NullPointerException，说明在monkey执行过程中出现空指针异常。

**5. adb shell monkey –p com.google.blockly.demo –v --throttle 200 100**

**让Monkey向小小猿APP发送100次随机事件，每次间隔事件为200毫秒**

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: -v

bash arg: --throttle

bash arg: 200

bash arg: 100

args: [-p, com.google.blockly.demo, -v, --throttle, 200, 100]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "-v"

arg: "--throttle"

arg: "200"

arg: "100"

data="com.google.blockly.demo"

arg="--throttle" mCurArgData="null" mNextArg=4 argwas="--throttle" nextarg="200"

data="200"

:Monkey: seed=1557289931786 count=100

:AllowPackage: com.google.blockly.demo

:IncludeCategory: android.intent.category.LAUNCHER

:IncludeCategory: android.intent.category.MONKEY

// Event percentages:

// 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%

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-4.0)

:Sending Touch (ACTION\_DOWN): 0:(21.0,890.0)

:Sending Touch (ACTION\_UP): 0:(34.42675,849.90814)

:Sending Touch (ACTION\_DOWN): 0:(891.0,915.0)

:Sending Touch (ACTION\_UP): 0:(887.0387,914.7134)

// Allowing start of Intent { cmp=com.google.blockly.demo/com.google.blockly.android.demo.HomePage } in package com.google.blockly.demo

// activityResuming(com.google.blockly.demo)

:Sending Touch (ACTION\_DOWN): 0:(372.0,495.0)

:Sending Touch (ACTION\_UP): 0:(369.6096,512.0021)

:Sending Touch (ACTION\_DOWN): 0:(336.0,244.0)

:Sending Touch (ACTION\_UP): 0:(346.87228,241.58865)

:Sending Touch (ACTION\_DOWN): 0:(108.0,996.0)

:Sending Touch (ACTION\_UP): 0:(99.87785,993.00226)

:Sending Touch (ACTION\_DOWN): 0:(1562.0,80.0)

:Sending Touch (ACTION\_UP): 0:(1556.3739,88.43179)

// Rejecting start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.HOME] cmp=com.google.android.apps.nexuslauncher/.NexusLauncherActivity } in package com.google.android.apps.nexuslauncher

:Sending Flip keyboardOpen=false

:Sending Touch (ACTION\_DOWN): 0:(1173.0,856.0)

// Injection Failed

:Sending Touch (ACTION\_UP): 0:(1164.909,857.6813)

// Injection Failed

// Allowing start of Intent { cmp=com.google.blockly.demo/com.google.blockly.android.demo.LuaActivity } in package com.google.blockly.demo

:Sending Touch (ACTION\_DOWN): 0:(565.0,195.0)

:Sending Touch (ACTION\_UP): 0:(561.81573,195.18347)

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

:Sending Trackball (ACTION\_MOVE): 0:(2.0,4.0)

:Sending Touch (ACTION\_DOWN): 0:(270.0,741.0)

:Sending Touch (ACTION\_UP): 0:(231.29514,744.3914)

:Sending Touch (ACTION\_DOWN): 0:(1441.0,500.0)

:Sending Touch (ACTION\_UP): 0:(1375.34,588.6961)

:Sending Touch (ACTION\_DOWN): 0:(616.0,389.0)

:Sending Touch (ACTION\_UP): 0:(621.4959,397.81943)

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

:Sending Touch (ACTION\_DOWN): 0:(1194.0,538.0)

:Sending Touch (ACTION\_UP): 0:(1197.6603,526.62274)

:Sending Touch (ACTION\_DOWN): 0:(827.0,1059.0)

:Sending Touch (ACTION\_UP): 0:(818.5941,1060.7993)

Events injected: 100

:Sending rotation degree=0, persist=false

:Dropped: keys=0 pointers=2 trackballs=0 flips=0 rotations=0

## Network stats: elapsed time=17700ms (0ms mobile, 0ms wifi, 17700ms not connected)

// Monkey finished

**6. adb shell monkey –p com.google.blockly.demo --pct-touch 10 --pct-motion 20 –v 100**

**让Monkey向小小猿APP发送100次随机事件，设定触屏的事件占比为10%，滑动事件占20%**

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: --pct-touch

bash arg: 10

bash arg: --pct-motion

bash arg: 20

bash arg: -v

bash arg: 100

args: [-p, com.google.blockly.demo, --pct-touch, 10, --pct-motion, 20, -v, 100]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "--pct-touch"

arg: "10"

arg: "--pct-motion"

arg: "20"

arg: "-v"

arg: "100"

data="com.google.blockly.demo"

arg="--pct-touch" mCurArgData="null" mNextArg=3 argwas="--pct-touch" nextarg="10"

data="10"

arg="--pct-motion" mCurArgData="null" mNextArg=5 argwas="--pct-motion" nextarg="20"

data="20"

:Monkey: seed=1557400596631 count=100

:AllowPackage: com.google.blockly.demo

:IncludeCategory: android.intent.category.LAUNCHER

:IncludeCategory: android.intent.category.MONKEY

// Event percentages:

// 0: 10.0%

// 1: 20.0%

// 2: 1.8666667%

// 3: 14.0%

// 4: -0.0%

// 5: -0.0%

// 6: 23.333334%

// 7: 14.0%

// 8: 1.8666667%

// 9: 1.8666667%

// 10: 0.93333334%

// 11: 12.133333%

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,4.0)

:Sending Touch (ACTION\_DOWN): 0:(1577.0,734.0)

:Sending Touch (ACTION\_UP): 0:(1588.5562,732.6845)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,0.0)

:Sending Touch (ACTION\_DOWN): 0:(1016.0,845.0)

:Sending Touch (ACTION\_UP): 0:(1007.5567,833.573)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-1.0)

Events injected: 100

:Sending rotation degree=0, persist=false

:Dropped: keys=0 pointers=0 trackballs=0 flips=0 rotations=0

## Network stats: elapsed time=1977ms (0ms mobile, 0ms wifi, 1977ms not connected)

// Monkey finished

分析结果：参数0代表触摸事件，参数1代表滑动事件，其值为设定值

**7. adb shell monkey -p com.google.blockly.demo --throttle 200 --ignore-crashes --ignore-timeouts --ignore-security-exceptions --ignore-native-crashes --monitor-native-crashes -v -v -v 500**

**让Monkey向小小猿APP发送500次随机事件，各个随机事件的时间间隔为200毫秒，测试过程忽略安全、超时、崩溃等异常。**

bash arg: -p

bash arg: com.google.blockly.demo

bash arg: --throttle

bash arg: 200

bash arg: --ignore-crashes

bash arg: --ignore-timeouts

bash arg: --ignore-security-exceptions

bash arg: --ignore-native-crashes

bash arg: --monitor-native-crashes

bash arg: -v

bash arg: -v

bash arg: -v

bash arg: 500

args: [-p, com.google.blockly.demo, --throttle, 200, --ignore-crashes, --ignore-timeouts, --ignore-security-exceptions, --ignore-native-crashes, --monitor-native-crashes, -v, -v, -v, 500]

arg: "-p"

arg: "com.google.blockly.demo"

arg: "--throttle"

arg: "200"

arg: "--ignore-crashes"

arg: "--ignore-timeouts"

arg: "--ignore-security-exceptions"

arg: "--ignore-native-crashes"

arg: "--monitor-native-crashes"

arg: "-v"

arg: "-v"

arg: "-v"crash

arg: "500"

data="com.google.blockly.demo"

arg="--throttle" mCurArgData="null" mNextArg=3 argwas="--throttle" nextarg="200"

data="200"

arg="--ignore-crashes" mCurArgData="null" mNextArg=5 argwas="--ignore-crashes" nextarg="--ignore-timeouts"

arg="--ignore-timeouts" mCurArgData="null" mNextArg=6 argwas="--ignore-timeouts" nextarg="--ignore-security-exceptions"

arg="--ignore-security-exceptions" mCurArgData="null" mNextArg=7 argwas="--ignore-security-exceptions" nextarg="--ignore-native-crashes"

arg="--ignore-native-crashes" mCurArgData="null" mNextArg=8 argwas="--ignore-native-crashes" nextarg="--monitor-native-crashes"

arg="--monitor-native-crashes" mCurArgData="null" mNextArg=9 argwas="--monitor-native-crashes" nextarg="-v"

:Monkey: seed=1557504116525 count=500

:AllowPackage: com.google.blockly.demo

:IncludeCategory: android.intent.category.LAUNCHER

:IncludeCategory: android.intent.category.MONKEY

// Selecting main activities from category android.intent.category.LAUNCHER

// - NOT USING main activity com.android.camera.CameraLauncher (from package com.android.camera2)

// - NOT USING main activity com.google.android.apps.chrome.Main (from package com.android.chrome)

// - NOT USING main activity com.android.contacts.activities.PeopleActivity (from package com.android.contacts)

// - NOT USING main activity com.android.settings.Settings (from package com.android.settings)

// - NOT USING main activity com.google.android.apps.docs.app.NewMainProxyActivity (from package com.google.android.apps.docs)

// - NOT USING main activity com.google.android.maps.MapsActivity (from package com.google.android.apps.maps)

// - NOT USING main activity com.google.android.apps.messaging.ui.ConversationListActivity (from package com.google.android.apps.messaging)

// - NOT USING main activity com.google.android.apps.photos.home.HomeActivity (from package com.google.android.apps.photos)

// - NOT USING main activity com.android.calendar.AllInOneActivity (from package com.google.android.calendar)

// - NOT USING main activity com.android.deskclock.DeskClock (from package com.google.android.deskclock)

// - NOT USING main activity com.google.android.dialer.extensions.GoogleDialtactsActivity (from package com.google.android.dialer)

// - NOT USING main activity com.google.android.gm.ConversationListActivityGmail (from package com.google.android.gm)

// - NOT USING main activity com.android.music.activitymanagement.TopLevelActivity (from package com.google.android.music)

// - NOT USING main activity com.google.android.youtube.videos.EntryPoint (from package com.google.android.videos)

// - NOT USING main activity com.google.android.youtube.app.honeycomb.Shell$HomeActivity (from package com.google.android.youtube)

// - NOT USING main activity com.android.gesture.builder.GestureBuilderActivity (from package com.android.gesture.builder)

// - NOT USING main activity com.android.widgetpreview.WidgetPreviewActivity (from package com.android.widgetpreview)

// - NOT USING main activity com.example.android.apis.ApiDemos (from package com.example.android.apis)

// - NOT USING main activity com.android.calculator2.Calculator (from package com.android.calculator2)

// - NOT USING main activity com.android.customlocale2.CustomLocaleActivity (from package com.android.customlocale2)

// - NOT USING main activity com.android.development.Development (from package com.android.development)

// - NOT USING main activity com.android.documentsui.LauncherActivity (from package com.android.documentsui)

// - NOT USING main activity com.google.android.apps.tachyon.MainActivity (from package com.google.android.apps.tachyon)

// - NOT USING main activity com.google.android.apps.wallpaper.picker.CategoryPickerActivity (from package com.google.android.apps.wallpaper)

// - NOT USING main activity com.google.android.googlequicksearchbox.VoiceSearchActivity (from package com.google.android.googlequicksearchbox)

// - NOT USING main activity com.google.android.googlequicksearchbox.SearchActivity (from package com.google.android.googlequicksearchbox)

// - NOT USING main activity org.chromium.webview\_shell.WebViewBrowserActivity (from package org.chromium.webview\_shell)

// + Using main activity com.google.blockly.android.demo.Welcome (from package com.google.blockly.demo)

// Selecting main activities from category android.intent.category.MONKEY

// - NOT USING main activity com.android.settings.Settings$RunningServicesActivity (from package com.android.settings)

// - NOT USING main activity com.android.settings.Settings$StorageUseActivity (from package com.android.settings)

// - NOT USING main activity com.google.android.apps.nexuslauncher.NexusLauncherActivity (from package com.google.android.apps.nexuslauncher)

// - NOT USING main activity com.google.android.googlequicksearchbox.SearchActivity (from package com.google.android.googlequicksearchbox)

// Seeded: 1557504116525

// Event percentages:

// 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%

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1332.0,473.0)

:Sending Touch (ACTION\_UP): 0:(1333.0618,460.35522)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(587.0,761.0)

:Sending Touch (ACTION\_UP): 0:(583.2526,759.1374)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1180.0,13.0)

:Sending Touch (ACTION\_POINTER\_DOWN 1): 0:(1187.2684,8.543734) 1:(1359.0,308.0)

:Sending Touch (ACTION\_MOVE): 0:(1191.1521,5.5881968) 1:(1359.4087,302.91837)

:Sending Touch (ACTION\_MOVE): 0:(1194.1199,2.9373908) 1:(1359.7177,295.73248)

:Sending Touch (ACTION\_MOVE): 0:(1203.7435,2.282503) 1:(1360.3717,292.0744)

:Sending Touch (ACTION\_POINTER\_UP 1): 0:(1208.5223,0.0) 1:(1360.9326,291.36295)

:Sending Touch (ACTION\_UP): 0:(1215.3473,0.0)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 20 // KEYCODE\_DPAD\_DOWN

:Sending Key (ACTION\_UP): 20 // KEYCODE\_DPAD\_DOWN

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1388.0,722.0)

:Sending Touch (ACTION\_UP): 0:(1385.3157,718.58496)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 142 // KEYCODE\_F12

:Sending Key (ACTION\_UP): 142 // KEYCODE\_F12

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1248.0,431.0)

:Sending Touch (ACTION\_UP): 0:(1235.3702,443.76254)

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-3.0)

:Sending Touch (ACTION\_DOWN): 0:(1317.0,903.0)

:Sending Touch (ACTION\_MOVE): 0:(1316.2211,903.5236)

:Sending Touch (ACTION\_MOVE): 0:(1309.878,908.73566)

:Sending Touch (ACTION\_MOVE): 0:(1297.785,912.52423)

:Sending Touch (ACTION\_MOVE): 0:(1288.7793,916.585)

:Sending Touch (ACTION\_MOVE): 0:(1279.4493,921.9324)

:Sending Touch (ACTION\_MOVE): 0:(1265.4353,927.1344)

:Sending Touch (ACTION\_UP): 0:(1264.5725,927.95416)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(750.0,13.0)

:Sending Touch (ACTION\_MOVE): 0:(757.36414,6.3915873)

:Sending Touch (ACTION\_MOVE): 0:(762.84595,0.0)

:Sending Touch (ACTION\_MOVE): 0:(769.5421,0.0)

:Sending Touch (ACTION\_MOVE): 0:(773.39014,0.0)

:Sending Touch (ACTION\_MOVE): 0:(781.09796,0.0)

:Sending Touch (ACTION\_UP): 0:(786.9345,0.0)

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(3.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,3.0)

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(124.0,788.0)

:Sending Touch (ACTION\_UP): 0:(142.864,791.9649)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1448.0,975.0)

:Sending Touch (ACTION\_MOVE): 0:(1428.8582,975.95905)

:Sending Touch (ACTION\_MOVE): 0:(1409.6191,979.18604)

:Sending Touch (ACTION\_MOVE): 0:(1388.9315,991.15485)

:Sending Touch (ACTION\_MOVE): 0:(1377.8436,1001.21124)

:Sending Touch (ACTION\_MOVE): 0:(1358.3456,1004.2418)

:Sending Touch (ACTION\_MOVE): 0:(1346.8612,1014.54)

:Sending Touch (ACTION\_UP): 0:(1325.7463,1020.53394)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1449.0,300.0)

:Sending Touch (ACTION\_MOVE): 0:(1434.0933,306.84296)

:Sending Touch (ACTION\_MOVE): 0:(1414.4945,316.85303)

:Sending Touch (ACTION\_MOVE): 0:(1399.1517,330.95175)

:Sending Touch (ACTION\_MOVE): 0:(1387.795,343.74872)

:Sending Touch (ACTION\_MOVE): 0:(1372.9037,352.2073)

:Sending Touch (ACTION\_MOVE): 0:(1351.0195,353.0176)

:Sending Touch (ACTION\_UP): 0:(1348.8849,370.84915)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,1.0)

:Sending Touch (ACTION\_DOWN): 0:(684.0,661.0)

//[calendar\_time:2019-05-08 03:54:28.983 system\_uptime:41093560]

// Sending event #100

:Sending Touch (ACTION\_POINTER\_DOWN 1): 0:(679.4497,653.1376) 1:(306.0,461.0)

:Sending Touch (ACTION\_MOVE): 0:(669.9995,651.1156) 1:(311.26355,478.29388)

:Sending Touch (ACTION\_MOVE): 0:(653.7516,646.77075) 1:(320.85214,480.95102)

:Sending Touch (ACTION\_MOVE): 0:(652.7619,638.1568) 1:(326.2141,491.3321)

:Sending Touch (ACTION\_MOVE): 0:(647.38934,633.3268) 1:(331.9609,504.48047)

:Sending Touch (ACTION\_MOVE): 0:(632.66376,623.5125) 1:(333.40317,522.90485)

:Sending Touch (ACTION\_MOVE): 0:(627.4998,621.31824) 1:(343.22968,524.7023)

:Sending Touch (ACTION\_MOVE): 0:(613.8153,610.939) 1:(351.40283,539.81586)

:Sending Touch (ACTION\_MOVE): 0:(598.32385,610.9019) 1:(357.40704,549.6632)

:Sending Touch (ACTION\_POINTER\_UP 1): 0:(592.5201,602.6437) 1:(359.49707,554.7611)

:Sending Touch (ACTION\_UP): 0:(575.1326,601.01935)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1392.0,935.0)

:Sending Touch (ACTION\_UP): 0:(1371.253,930.8237)

Sleeping for 200 milliseconds

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 25 // KEYCODE\_VOLUME\_DOWN

:Sending Key (ACTION\_UP): 25 // KEYCODE\_VOLUME\_DOWN

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-3.0)

:Sending Touch (ACTION\_DOWN): 0:(1703.0,759.0)

:Sending Touch (ACTION\_UP): 0:(1706.2219,771.2264)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 259 // KEYCODE\_HELP

:Sending Key (ACTION\_UP): 259 // KEYCODE\_HELP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 60 // KEYCODE\_SHIFT\_RIGHT

:Sending Key (ACTION\_UP): 60 // KEYCODE\_SHIFT\_RIGHT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 213 // KEYCODE\_MUHENKAN

:Sending Key (ACTION\_UP): 213 // KEYCODE\_MUHENKAN

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1482.0,1036.0)

:Sending Touch (ACTION\_UP): 0:(1484.1932,1035.4484)

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-4.0)

:Sending Touch (ACTION\_DOWN): 0:(903.0,923.0)

:Sending Touch (ACTION\_UP): 0:(893.8691,928.25635)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(585.0,315.0)

:Sending Touch (ACTION\_UP): 0:(589.9588,309.0132)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(793.0,953.0)

:Sending Touch (ACTION\_MOVE): 0:(789.0779,942.17395)

:Sending Touch (ACTION\_MOVE): 0:(777.96655,924.58374)

:Sending Touch (ACTION\_MOVE): 0:(771.90576,908.3908)

:Sending Touch (ACTION\_MOVE): 0:(766.7308,891.8412)

:Sending Touch (ACTION\_MOVE): 0:(755.0334,891.5904)

:Sending Touch (ACTION\_MOVE): 0:(749.60455,876.4837)

:Sending Touch (ACTION\_UP): 0:(746.99304,876.3761)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 139 // KEYCODE\_F9

:Sending Key (ACTION\_UP): 139 // KEYCODE\_F9

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 144 // KEYCODE\_NUMPAD\_0

:Sending Key (ACTION\_UP): 144 // KEYCODE\_NUMPAD\_0

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(34.0,1.0)

:Sending Touch (ACTION\_UP): 0:(34.20192,7.379906)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(702.0,452.0)

:Sending Touch (ACTION\_UP): 0:(688.8525,447.4082)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1671.0,1061.0)

:Sending Touch (ACTION\_UP): 0:(1674.525,1064.5569)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 237 // KEYCODE\_TV\_SATELLITE

:Sending Key (ACTION\_UP): 237 // KEYCODE\_TV\_SATELLITE

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,4.0)

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 158 // KEYCODE\_NUMPAD\_DOT

:Sending Key (ACTION\_UP): 158 // KEYCODE\_NUMPAD\_DOT

//[calendar\_time:2019-05-08 03:54:37.231 system\_uptime:41101807]

// Sending event #200

Sleeping for 200 milliseconds

//[calendar\_time:2019-05-08 03:54:37.433 system\_uptime:41102010]

// Sending event #200

:Sending Touch (ACTION\_DOWN): 0:(256.0,693.0)

:Sending Touch (ACTION\_UP): 0:(258.72192,691.57635)

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,4.0)

:Sending Touch (ACTION\_DOWN): 0:(447.0,160.0)

:Sending Touch (ACTION\_MOVE): 0:(447.85284,153.7963)

:Sending Touch (ACTION\_MOVE): 0:(456.9189,145.25914)

:Sending Touch (ACTION\_MOVE): 0:(473.77277,140.88988)

:Sending Touch (ACTION\_UP): 0:(485.51813,139.58337)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1295.0,782.0)

:Sending Touch (ACTION\_MOVE): 0:(1293.8129,789.354)

:Sending Touch (ACTION\_MOVE): 0:(1292.1984,796.01904)

:Sending Touch (ACTION\_MOVE): 0:(1291.8248,796.84283)

:Sending Touch (ACTION\_MOVE): 0:(1290.8346,801.30225)

:Sending Touch (ACTION\_MOVE): 0:(1289.7078,813.4438)

:Sending Touch (ACTION\_UP): 0:(1289.6401,819.828)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 4 // KEYCODE\_BACK

:Sending Key (ACTION\_UP): 4 // KEYCODE\_BACK

Sleeping for 200 milliseconds

// activityResuming(com.google.blockly.demo)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,2.0)

:Sending Key (ACTION\_DOWN): 20 // KEYCODE\_DPAD\_DOWN

:Sending Key (ACTION\_UP): 20 // KEYCODE\_DPAD\_DOWN

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1095.0,599.0)

:Sending Touch (ACTION\_UP): 0:(1083.0604,600.0586)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-3.0)

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(675.0,449.0)

:Sending Touch (ACTION\_UP): 0:(680.0643,453.33466)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 5 // KEYCODE\_CALL

:Sending Key (ACTION\_UP): 5 // KEYCODE\_CALL

Sleeping for 200 milliseconds

// Rejecting start of Intent { act=android.intent.action.CALL\_BUTTON cmp=com.google.android.dialer/com.google.android.apps.dialer.extensions.GoogleDialtactsActivity } in package com.google.android.dialer

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-3.0)

:Sending Key (ACTION\_DOWN): 203 // KEYCODE\_BUTTON\_16

:Sending Key (ACTION\_UP): 203 // KEYCODE\_BUTTON\_16

Sleeping for 200 milliseconds

// Allowing start of Intent { cmp=com.google.blockly.demo/com.google.blockly.android.demo.LuaActivity } in package com.google.blockly.demo

:Sending Key (ACTION\_DOWN): 20 // KEYCODE\_DPAD\_DOWN

:Sending Key (ACTION\_UP): 20 // KEYCODE\_DPAD\_DOWN

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-3.0)

:Sending Key (ACTION\_DOWN): 243 // KEYCODE\_TV\_INPUT\_HDMI\_1

:Sending Key (ACTION\_UP): 243 // KEYCODE\_TV\_INPUT\_HDMI\_1

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 200 milliseconds

// activityResuming(com.google.blockly.demo)

:Sending Key (ACTION\_DOWN): 20 // KEYCODE\_DPAD\_DOWN

//[calendar\_time:2019-05-08 03:54:46.012 system\_uptime:41110588]

// Sending event #300

:Sending Key (ACTION\_UP): 20 // KEYCODE\_DPAD\_DOWN

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(203.0,1050.0)

:Sending Touch (ACTION\_UP): 0:(192.8611,1042.3936)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 93 // KEYCODE\_PAGE\_DOWN

:Sending Key (ACTION\_UP): 93 // KEYCODE\_PAGE\_DOWN

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(637.0,963.0)

:Sending Touch (ACTION\_UP): 0:(627.52,969.0354)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(917.0,893.0)

:Sending Touch (ACTION\_UP): 0:(906.2287,908.7742)

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(1.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-5.0)

:Sending Key (ACTION\_DOWN): 47 // KEYCODE\_S

:Sending Key (ACTION\_UP): 47 // KEYCODE\_S

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

// Allowing start of Intent { cmp=com.google.blockly.demo/com.google.blockly.android.demo.LuaActivity } in package com.google.blockly.demo

:Sending Touch (ACTION\_DOWN): 0:(1507.0,157.0)

:Sending Touch (ACTION\_UP): 0:(1496.4281,161.7427)

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(631.0,569.0)

:Sending Touch (ACTION\_MOVE): 0:(638.3244,582.9895)

:Sending Touch (ACTION\_MOVE): 0:(651.5335,583.1421)

:Sending Touch (ACTION\_MOVE): 0:(660.35693,591.7471)

:Sending Touch (ACTION\_UP): 0:(668.24133,602.60455)

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,2.0)

:Sending Touch (ACTION\_DOWN): 0:(1624.0,160.0)

:Sending Touch (ACTION\_POINTER\_DOWN 1): 0:(1646.2241,145.04839) 1:(1376.0,781.0)

:Sending Touch (ACTION\_MOVE): 0:(1646.8838,139.36841) 1:(1364.8184,787.5225)

:Sending Touch (ACTION\_MOVE): 0:(1665.2255,126.48747) 1:(1353.6772,797.2011)

:Sending Touch (ACTION\_POINTER\_UP 1): 0:(1679.9226,114.43632) 1:(1342.2969,798.83545)

:Sending Touch (ACTION\_UP): 0:(1701.8293,110.31498)

Sleeping for 200 milliseconds

:Sending Flip keyboardOpen=false

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1196.0,513.0)

:Sending Touch (ACTION\_MOVE): 0:(1193.4615,509.3804)

:Sending Touch (ACTION\_MOVE): 0:(1192.4808,506.3084)

:Sending Touch (ACTION\_MOVE): 0:(1187.0127,499.57227)

:Sending Touch (ACTION\_MOVE): 0:(1183.0787,486.5375)

:Sending Touch (ACTION\_UP): 0:(1176.4597,481.9156)

Sleeping for 200 milliseconds

// Allowing start of Intent { cmp=com.google.blockly.demo/com.google.blockly.android.demo.LuaActivity } in package com.google.blockly.demo

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1162.0,148.0)

:Sending Touch (ACTION\_POINTER\_DOWN 1): 0:(1162.2637,145.93546) 1:(1326.0,166.0)

:Sending Touch (ACTION\_MOVE): 0:(1162.3993,144.33427) 1:(1337.108,152.3948)

:Sending Touch (ACTION\_MOVE): 0:(1163.2476,143.64859) 1:(1345.6558,149.22774)

:Sending Touch (ACTION\_MOVE): 0:(1163.8196,141.1677) 1:(1361.1696,141.99088)

:Sending Touch (ACTION\_MOVE): 0:(1164.2842,139.65166) 1:(1366.4247,135.14273)

:Sending Touch (ACTION\_MOVE): 0:(1165.1833,137.2218) 1:(1388.8079,126.357445)

:Sending Touch (ACTION\_MOVE): 0:(1166.1228,136.47859) 1:(1404.8352,111.73797)

:Sending Touch (ACTION\_MOVE): 0:(1166.922,136.33328) 1:(1417.7378,107.4771)

:Sending Touch (ACTION\_MOVE): 0:(1166.9899,135.01268) 1:(1435.021,95.68859)

:Sending Touch (ACTION\_MOVE): 0:(1167.047,132.13202) 1:(1456.881,87.604485)

:Sending Touch (ACTION\_POINTER\_UP 1): 0:(1167.7549,131.81995) 1:(1473.4907,75.95451)

:Sending Touch (ACTION\_UP): 0:(1168.6987,130.21425)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(941.0,98.0)

:Sending Touch (ACTION\_UP): 0:(943.919,89.56564)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 19 // KEYCODE\_DPAD\_UP

:Sending Key (ACTION\_UP): 19 // KEYCODE\_DPAD\_UP

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-4.0)

//[calendar\_time:2019-05-08 03:54:54.297 system\_uptime:41118874]

// Sending event #400

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1239.0,1025.0)

:Sending Touch (ACTION\_UP): 0:(1238.731,1038.1146)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 243 // KEYCODE\_TV\_INPUT\_HDMI\_1

:Sending Key (ACTION\_UP): 243 // KEYCODE\_TV\_INPUT\_HDMI\_1

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(1159.0,896.0)

:Sending Touch (ACTION\_UP): 0:(1151.5952,891.8194)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,4.0)

:Sending Touch (ACTION\_DOWN): 0:(503.0,339.0)

:Sending Touch (ACTION\_UP): 0:(503.16852,344.68338)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 22 // KEYCODE\_DPAD\_RIGHT

:Sending Key (ACTION\_UP): 22 // KEYCODE\_DPAD\_RIGHT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 282 // KEYCODE\_SYSTEM\_NAVIGATION\_LEFT

:Sending Key (ACTION\_UP): 282 // KEYCODE\_SYSTEM\_NAVIGATION\_LEFT

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(985.0,869.0)

:Sending Touch (ACTION\_MOVE): 0:(980.3507,866.0422)

:Sending Touch (ACTION\_MOVE): 0:(977.21796,865.64557)

:Sending Touch (ACTION\_MOVE): 0:(975.54236,862.6227)

:Sending Touch (ACTION\_MOVE): 0:(974.99146,860.9135)

:Sending Touch (ACTION\_MOVE): 0:(970.82446,858.1956)

:Sending Touch (ACTION\_UP): 0:(963.83276,847.7349)

Sleeping for 200 milliseconds

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-5.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-4.0,-4.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(1.0,-1.0)

:Sending Trackball (ACTION\_MOVE): 0:(-3.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(4.0,0.0)

:Sending Trackball (ACTION\_MOVE): 0:(-2.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(3.0,4.0)

:Sending Trackball (ACTION\_MOVE): 0:(-1.0,-5.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,3.0)

:Sending Trackball (ACTION\_MOVE): 0:(2.0,-2.0)

:Sending Trackball (ACTION\_MOVE): 0:(0.0,-1.0)

:Sending Touch (ACTION\_DOWN): 0:(820.0,170.0)

:Sending Touch (ACTION\_POINTER\_DOWN 1): 0:(821.4621,169.40488) 1:(1388.0,301.0)

:Sending Touch (ACTION\_MOVE): 0:(823.237,163.18695) 1:(1366.4215,284.12567)

:Sending Touch (ACTION\_MOVE): 0:(833.96423,158.59451) 1:(1346.105,271.80472)

:Sending Touch (ACTION\_MOVE): 0:(834.4577,155.55542) 1:(1341.5448,258.35034)

:Sending Touch (ACTION\_POINTER\_UP 1): 0:(847.9009,149.5552) 1:(1332.3152,242.50461)

:Sending Touch (ACTION\_UP): 0:(851.18365,145.82068)

Sleeping for 200 milliseconds

:Sending Flip keyboardOpen=true

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Sleeping for 200 milliseconds

:Switch: #Intent;action=android.intent.action.MAIN;category=android.intent.category.LAUNCHER;launchFlags=0x10200000;component=com.google.blockly.demo/com.google.blockly.android.demo.Welcome;end

// Allowing start of Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.google.blockly.demo/com.google.blockly.android.demo.Welcome } in package com.google.blockly.demo

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(929.0,465.0)

:Sending Touch (ACTION\_UP): 0:(929.3623,465.67404)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 21 // KEYCODE\_DPAD\_LEFT

:Sending Key (ACTION\_UP): 21 // KEYCODE\_DPAD\_LEFT

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 23 // KEYCODE\_DPAD\_CENTER

:Sending Key (ACTION\_UP): 23 // KEYCODE\_DPAD\_CENTER

Sleeping for 200 milliseconds

:Sending Touch (ACTION\_DOWN): 0:(121.0,210.0)

:Sending Touch (ACTION\_UP): 0:(138.93567,223.41026)

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 20 // KEYCODE\_DPAD\_DOWN

:Sending Key (ACTION\_UP): 20 // KEYCODE\_DPAD\_DOWN

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 20 // KEYCODE\_DPAD\_DOWN

:Sending Key (ACTION\_UP): 20 // KEYCODE\_DPAD\_DOWN

Sleeping for 200 milliseconds

:Sending Key (ACTION\_DOWN): 82 // KEYCODE\_MENU

:Sending Key (ACTION\_UP): 82 // KEYCODE\_MENU

Events injected: 500

:Sending rotation degree=0, persist=false

:Dropped: keys=0 pointers=0 trackballs=0 flips=0 rotations=0

## Network stats: elapsed time=39541ms (0ms mobile, 0ms wifi, 39541ms not connected)

// Monkey finished