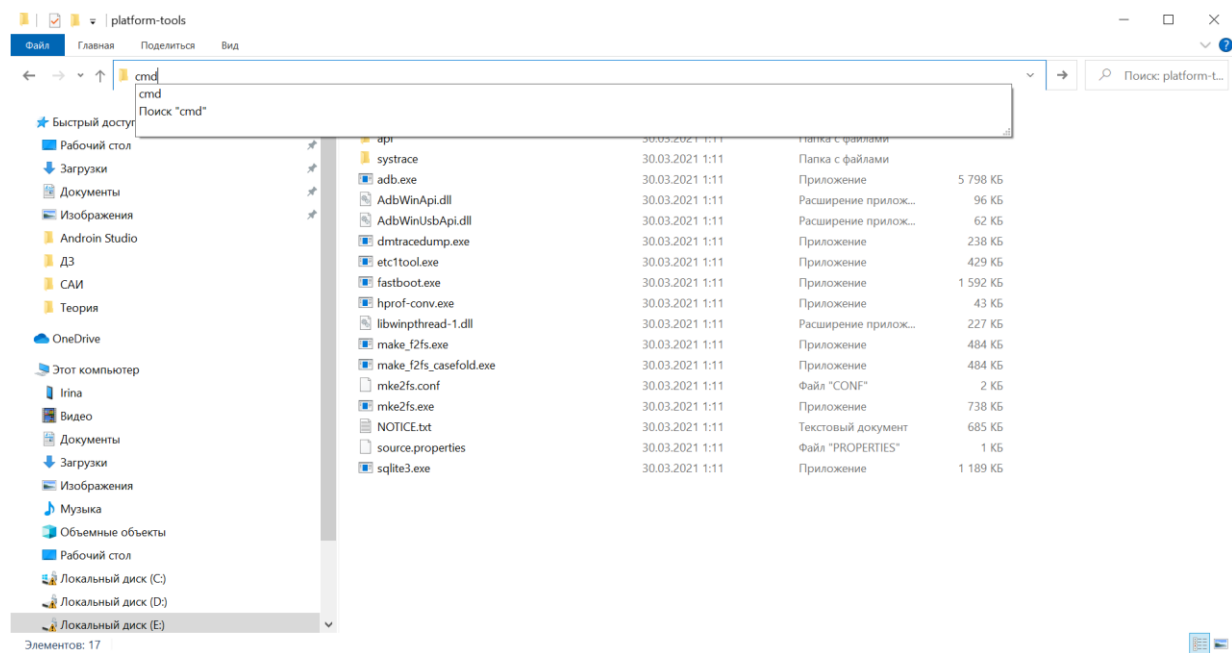
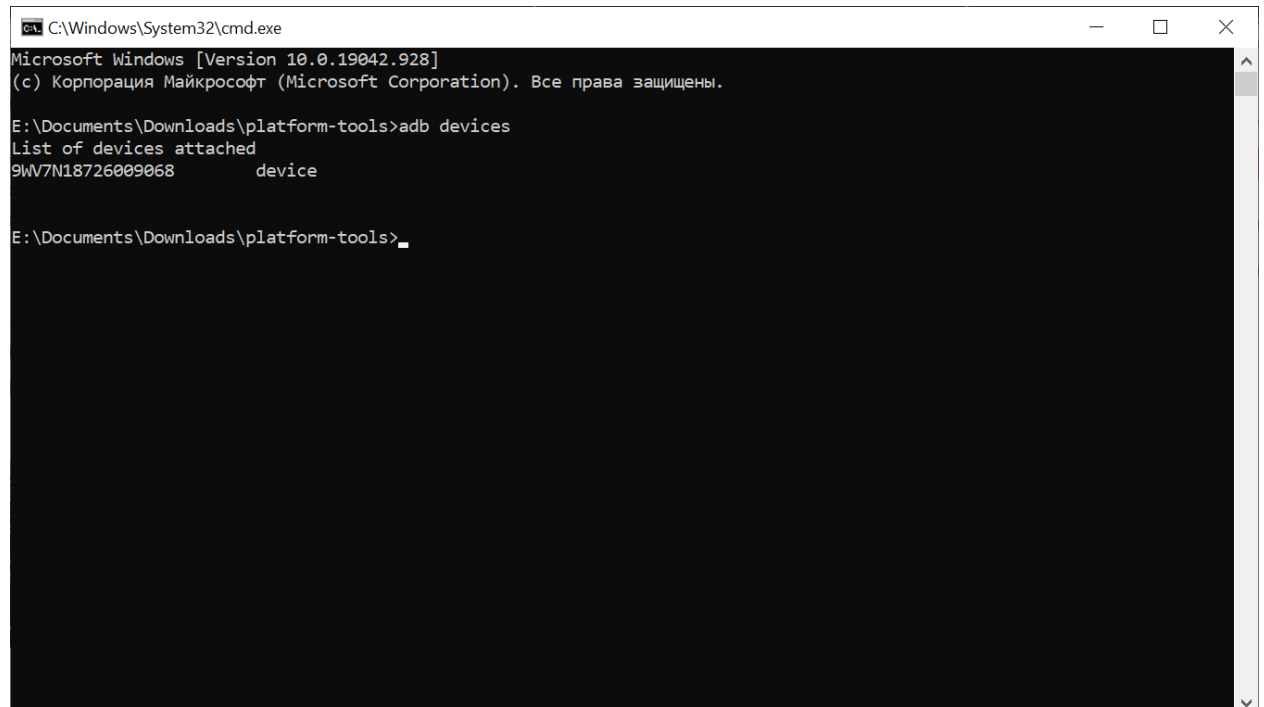


Задача ADB

В папке C:\Windows\System32\cmd.exe в адресную строку вводим cmd



adb devices



adb -s 9WV7N18726009068 logcat

```
C:\Windows\System32\cmd.exe - adb -s 9VV7N18726009068 logcat
05-04 23:26:16.879 1296 1450 E WificondControl: Noise: 0, Snr: -1, Chload: -1
05-04 23:26:16.884 1296 1458 D ConnectivityService: notifyType CALLBACK_CAP_CHANGED for NetworkAgentInfo [WIFI () - 27
2]
05-04 23:26:16.889 1296 1512 D HiData_HwArbitrationStateMonitor: ConnectivityManager.NetworkCallback : onCapabilitiesC
hanged
05-04 23:26:16.889 1296 1512 D HiData_HwArbitrationStateMonitor: network:272, lastValidated:true, validated:true
05-04 23:26:16.890 1296 1450 D WifiScoreReport: Score = 60, wifiConnectivityManagerEnabled = false, lowScoreCount = 0
05-04 23:26:16.892 1809 2221 D SmartMpControl: onCapabilitiesChanged network 272 networkCapabilities [ Transports: WIF
I Capabilities: NOT_METERED&INTERNET&NOT_RESTRICTED&TRUSTED&NOT_VPN&VALIDATED&NOT_ROAMING&FOREGROUND&NOT_CONGESTED&NOT_S
USPENDED LinkUpBandwidth>=1048576Kbps LinkDnBandwidth>=1048576Kbps SignalStrength: -66 SSID: ****]
05-04 23:26:16.901 1296 1296 D HiData_HwAPPQoSUserAction: RSSI_CHANGE:-66
05-04 23:26:16.902 1296 1509 D HwWifiConnectivityManagerMonitor: signal level changed: 4 --> 3, 802.11v = false
05-04 23:26:16.903 1296 1449 I QosMonitor: queryRtt: rtt_type = 3
05-04 23:26:16.903 1296 1449 I QosMonitor: postEventFromNative: msg=100,arg1=4,arg2=10
05-04 23:26:16.903 1296 1449 I QosMonitor: resetRtt: rtt_type = 3
05-04 23:26:16.907 1796 1978 E HwWifiStatStore: updateLinkSpeed linkSpeed =39 lastSpdLev=1 index=1
05-04 23:26:16.907 1796 1978 D HwWifiCHRStateManager: handleUpdateChannel:2437
05-04 23:26:16.912 1296 6525 E WifiService: enforceCanAccessScanResults: hiding ssid and bssidUID 10145 has no locatio
n permission
05-04 23:26:16.915 8535 8535 D HwInnerWifiManagerImpl: SupplicantState = COMPLETED
05-04 23:26:16.915 8535 D HwInnerWifiManagerImpl: isPhoneAP = false
05-04 23:26:16.922 1296 6525 E WifiService: enforceCanAccessScanResults: hiding ssid and bssidUID 10145 has no locatio
n permission
05-04 23:26:16.922 8535 8535 D HwInnerWifiManagerImpl: SupplicantState = COMPLETED
05-04 23:26:16.922 8535 8535 D HwInnerWifiManagerImpl: isPhoneAP = false
05-04 23:26:16.926 1296 6525 E WifiService: enforceCanAccessScanResults: hiding ssid and bssidUID 10145 has no locatio
n permission
n permission
```

Ctrl C – остановка чтения логов

```
C:\Windows\System32\cmd.exe
05-04 23:34:47.617 4488 11322 V Mms_TXM_SVC: Handling incoming message: { when=-5ms what=100 target=com.android.mms.tra
nsaction.TransactionService$ServiceHandler } = EVENT_QUIT
05-04 23:34:47.795 1296 1450 E WificondControl: Noise: 0, Snr: -1, Chload: -1
05-04 23:34:47.803 1296 1449 D Wifi_PRO: MSG_RETURN_AP_CURRY_RSSI rssi = -63
05-04 23:34:47.803 1296 1523 I HuaweiWifiWatchdogStateMachine: Pota txb txg rxg:0, 2, 0. Lr =0% Totpkt=2
05-04 23:34:47.803 1296 1449 I QosMonitor: queryRtt: rtt_type = 3
05-04 23:34:47.806 1296 11323 I HwUidTcpMonitor: TcpStatisticsRun run
05-04 23:34:47.807 1296 1449 I QosMonitor: postEventFromNative: msg=100,arg1=4,arg2=10
05-04 23:34:47.807 1296 11323 D HwUidTcpMonitor: parseWlanUidTcpStatistics lastUidTcpStatInfo = [ mUid = 10057 mPacketN
ame = org.telegram.messenger mSendSegs = 2394 mResendSegs = 2 mRcvSegs = 2862 ]
05-04 23:34:47.808 1296 1449 I QosMonitor: postEventFromNative: msg=100,arg1=0,arg2=10
05-04 23:34:47.809 1296 1449 I MQoS : rtt=240,tcp_tx_pkts=1068227,tcp_rx_pkts=1208154
05-04 23:34:47.809 1296 1449 I QosMonitor: resetRtt: rtt_type = 3
05-04 23:34:47.811 1296 1523 I HuaweiWifiWatchdogStateMachine: PTcp RTT:0, rtt pkt=0, tcp_rx=1, tcp_tx=1, tcp_reTran=0
, rtRate=0
05-04 23:34:47.817 1296 4690 I MQoS : QOS_level:5(5),wifi-link;use signalLvl:5;RAT:3G-UMTS
05-04 23:34:48.210 1296 1449 I TrafficMonitor: update:rxPkts:2,txPkts:1,rxBytes:320,txBytes:52
05-04 23:34:48.210 1296 1449 I TrafficMonitor: start expired. level:-1
05-04 23:34:48.210 1296 1449 I TrafficMonitor: gettimer:interval=2000
05-04 23:34:49.533 678 6759 I Iiked : [INFO]: ikev2.c:305: ikev2_periodic_task()
05-04 23:34:50.215 1296 1449 I TrafficMonitor: update:rxPkts:0,txPkts:0,rxBytes:0,txBytes:0
05-04 23:34:50.216 1296 1449 I TrafficMonitor: start expired. level:-1
05-04 23:34:50.216 1296 1449 I TrafficMonitor: gettimer:interval=2000
05-04 23:34:50.268 611 611 E WifiHAL : enter wifi_get_link_stats
05-04 23:34:50.280 1296 1450 E WificondControl: Noise: 0, Snr: -1, Chload: -1
05-04 23:34:50.285 1296 1450 D WifiScoreReport: Score = 60, wifiConnectivityManagerEnabled = false, lowScoreCount = 0
05-04 23:34:50.361 11324 11324 E JankService: child Thread receive to stop
05-04 23:34:50.494 717 852 E JankService: all data read ok
^C
E:\Documents\Downloads\platform-tools>cxz
```

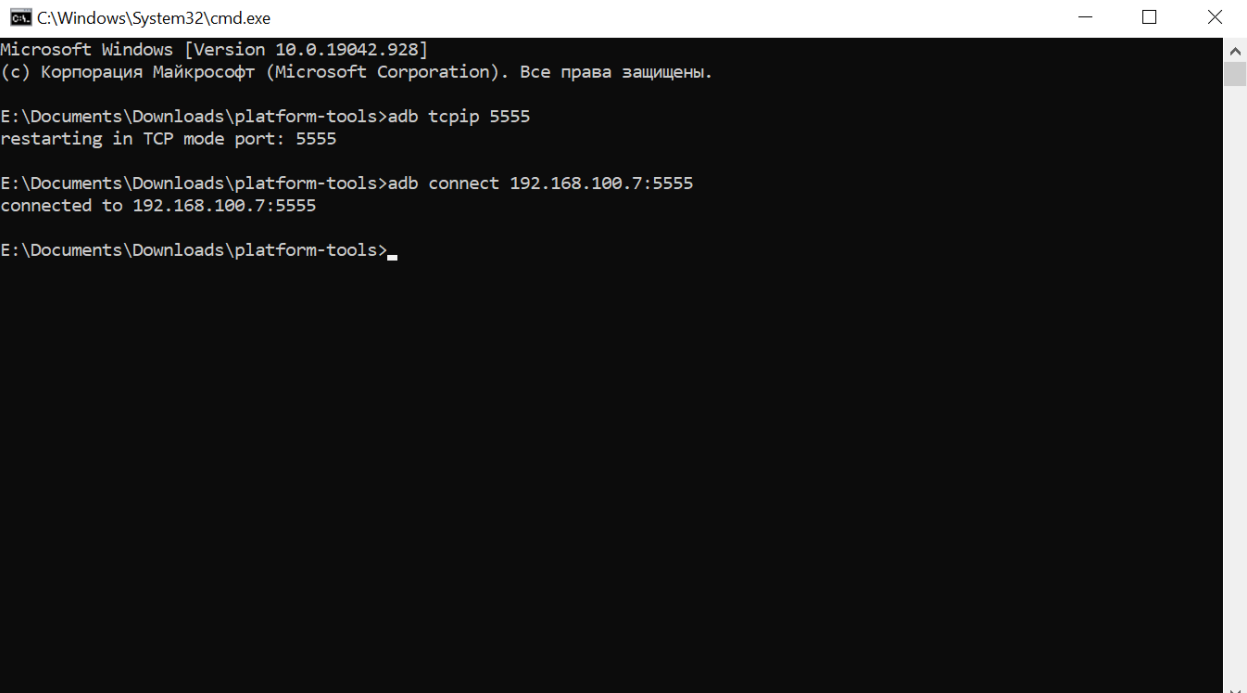
Подключение через Wifi

Подключает устройство к USB

```
adb tcpip 5555
```

Отключаем от USB

```
adb connect 192.168.100.7:5555
```



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.928]
(c) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

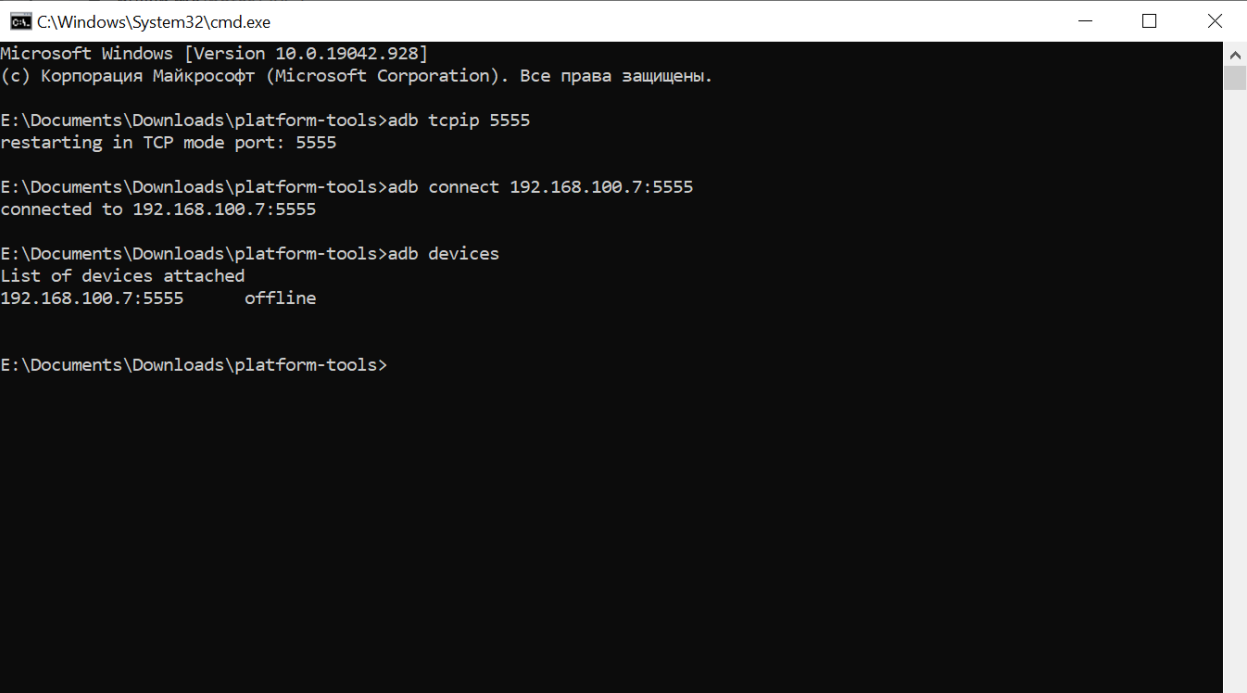
E:\Documents\Downloads\platform-tools>adb tcpip 5555
restarting in TCP mode port: 5555

E:\Documents\Downloads\platform-tools>adb connect 192.168.100.7:5555
connected to 192.168.100.7:5555

E:\Documents\Downloads\platform-tools>
```

Проверяем устройство

```
adb devices
```



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.928]
(c) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

E:\Documents\Downloads\platform-tools>adb tcpip 5555
restarting in TCP mode port: 5555

E:\Documents\Downloads\platform-tools>adb connect 192.168.100.7:5555
connected to 192.168.100.7:5555

E:\Documents\Downloads\platform-tools>adb devices
List of devices attached
192.168.100.7:5555      offline

E:\Documents\Downloads\platform-tools>
```

Читаем логи приложения на телефоне com.android.todoist

adb logcat | findstr com.android.todoist

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.928]
(c) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

E:\Documents\Downloads\platform-tools>adb logcat | findstr com.android.todoist
```

```
C:\Windows\System32\cmd.exe
05-05 00:21:45.382 615 615 D SurfaceFlinger: duplicate layer name: changing Surface(name=e217a22 com.android.todoist/com.android.todoist.MainActivity)/@0xebe7d21 - animation-leash to Surface(name=e217a22 com.android.todoist/com.android.todoist.MainActivity)/@0xebe7d21 - animation-leash#1
05-05 00:21:45.385 1296 8813 V WindowManager: Not removing Window{e217a22 u0 com.android.todoist/com.android.todoist.MainActivity EXITING} due to exit animation
05-05 00:21:45.386 1296 1321 I StatusBarDisable: setFlags what=0 which=1 pkg=Window{45e25e4 u0 com.android.todoist/com.android.todoist.MainActivity}
05-05 00:21:45.503 1296 1405 V WindowManager: Exit animation finished in Window{e217a22 u0 com.android.todoist/com.android.todoist.MainActivity EXITING}: remove=true
05-05 00:21:45.503 1296 1405 E WindowManager: win=Window{e217a22 u0 com.android.todoist/com.android.todoist.MainActivity EXITING} destroySurfaces: appStopped=false win.mWindowRemovalAllowed=true win.mRemoveOnExit=true
05-05 00:21:45.505 1296 1405 V WindowManager: postWindowRemoveCleanupLocked: Window{e217a22 u0 com.android.todoist/com.android.todoist.MainActivity}
05-05 00:21:45.505 1296 1405 V WindowManager: Removing Window{e217a22 u0 com.android.todoist/com.android.todoist.MainActivity} from AppWindowToken{ec485f0 token=Token{163ce33 ActivityRecord{3fbd1a2 u0 com.android.todoist/.MainActivity t59152}}}}
05-05 00:21:45.508 1296 1321 I StatusBarDisable: setFlags what=0 which=1 pkg=Window{45e25e4 u0 com.android.todoist/com.android.todoist.MainActivity}
05-05 00:21:45.556 11239 11239 I HiTouch_HiTouchSensor: Checking pkgName: com.android.todoist Checking result: true
05-05 00:21:46.323 11239 11239 I HiTouch_HiTouchSensor: Checking pkgName: com.android.todoist Checking result: true
05-05 00:21:56.664 1846 2821 D ThermalTrace: saveRepeatData, app:com.android.todoist, shell:30,abient:-100
05-05 00:22:24.365 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todoist
05-05 00:22:24.406 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android.todoist
05-05 00:22:33.529 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todoist
05-05 00:22:33.571 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android.todoist
```

adb logcat -c

adb logcat | findstr com.android.todolist > E:\Documents\log.txt

```
C:\Windows\System32\cmd.exe
05-05 00:43:00.237 4224 4390 I AppLifeChangeSensor: CAWARENESS: activityPaused componentName = ComponentInfo{com.andr
oid.todolist/com.android.todolist.MainActivity}
05-05 00:43:00.256 1296 1321 I StatusBarDisable: setFlags what=0 which=1 pkg=Window{45e25e4 u0 com.android.todolist/co
m.android.todolist.MainActivity}
05-05 00:43:00.257 1296 1321 I StatusBarDisable: setFlags what=0 which=1 pkg=Window{45e25e4 u0 com.android.todolist/co
m.android.todolist.MainActivity}
05-05 00:43:00.259 1809 7930 I HidataAppQoeP: foregroundUidRemove uid: 10461 name: com.android.todolist
05-05 00:43:00.269 1296 1321 I StatusBarDisable: setFlags what=0 which=1 pkg=Window{45e25e4 u0 com.android.todolist/co
m.android.todolist.MainActivity}
05-05 00:43:00.323 1296 8813 V WindowManager: notifyAppStopped: AppWindowToken{ec485f0 token=Token{163ce33 ActivityRec
ord{3fbd1a2 u0 com.android.todolist/.MainActivity t59152}}}
05-05 00:43:00.333 687 29414 D iTouchService: itouch currentPackageName=com.android.todolist
05-05 00:43:00.333 687 29414 D iTouchService: itouch:app com.android.todolist is not game app
05-05 00:43:00.344 1296 1405 D WindowManager: now set the app exit scale animation for: Window{45e25e4 u0 com.android.
todolist/com.android.todolist.MainActivity EXITING}, [winWidth, winHeight] = [1080, 2280][originPivotX, originPivotY] =
[540.0, 799.0][fromX, fromY] = [1.0, 1.0][toX, toY] = [0.1574074, 0.0745614]
05-05 00:43:00.350 1296 1405 I WindowManager: {AppWindowToken{ec485f0 token=Token{163ce33 ActivityRecord{3fbd1a2 u0 co
m.android.todolist/.MainActivity t59152}}}} is closing and {AppWindowToken{28dc07c token=Token{fb26b6f ActivityRecord{bb
1ee4e u0 com.huawei.android.launcher/.unihome.UniHomeLauncher t1}}} is opening
05-05 00:43:00.536 1296 1405 V WindowManager: Exit animation finished in Window{45e25e4 u0 com.android.todolist/com.an
droid.todolist.MainActivity EXITING}: remove=false
05-05 00:43:00.536 1296 1405 E WindowManager: win=Window{45e25e4 u0 com.android.todolist/com.android.todolist.MainActi
vity EXITING} destroySurfaces: appStopped=true win.mWindowRemovalAllowed=false win.mRemoveOnExit=false
05-05 00:43:10.400 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todol
ist
05-05 00:43:10.654 710 2864 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android
.todolist
^C^C
E:\Documents\Downloads\platform-tools>adb logcat | findstr com.android.todolist > E:\Documents\log.txt
```

```
log.txt - Блокнот
Файл Правка Формат Вид Справка
05-05 00:33:32.229 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename
com.android.todolist
05-05 00:33:32.262 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename
is com.android.todolist
05-05 00:34:15.347 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename
com.android.todolist
05-05 00:34:15.382 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename
is com.android.todolist
05-05 00:34:24.153 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename
com.android.todolist
05-05 00:34:24.195 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename
is com.android.todolist
05-05 00:34:41.744 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename
com.android.todolist
05-05 00:34:41.782 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename
is com.android.todolist
05-05 00:34:50.565 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename
com.android.todolist
05-05 00:34:50.607 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename
is com.android.todolist
05-05 00:34:57.351 1846 2821 D ThermalTrace: saveRepeatData, app:com.android.todolist, shell:31,abient:
100
```

Делаем скрин экрана

```
adb shell screencap /sdcard/screen.png
```

После этого картинку нужно выдернуть из устройства командой *adb pull*:

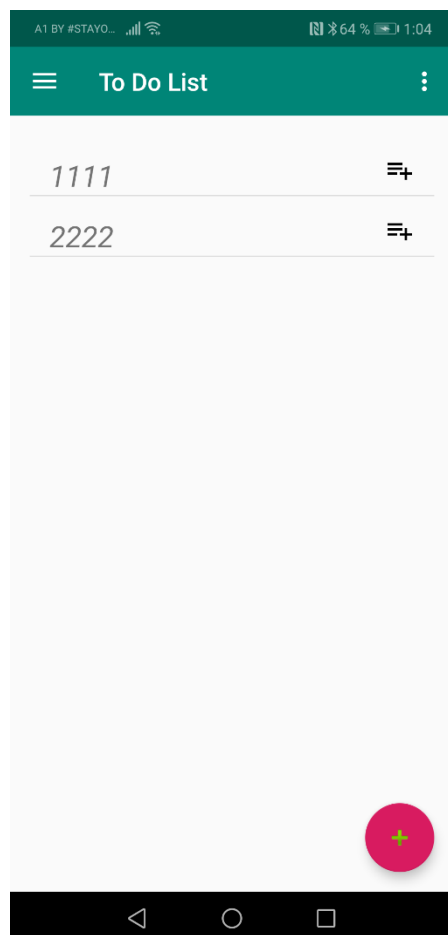
```
adb pull /sdcard/screen.png
```

скрин сохранился по адресу C:\Windows\System32\cmd.exe

ИЛИ в одной команду две

```
adb shell screencap /sdcard/screen.png && adb pull  
/sdcard/screen.png E:/Documents/screen.png
```

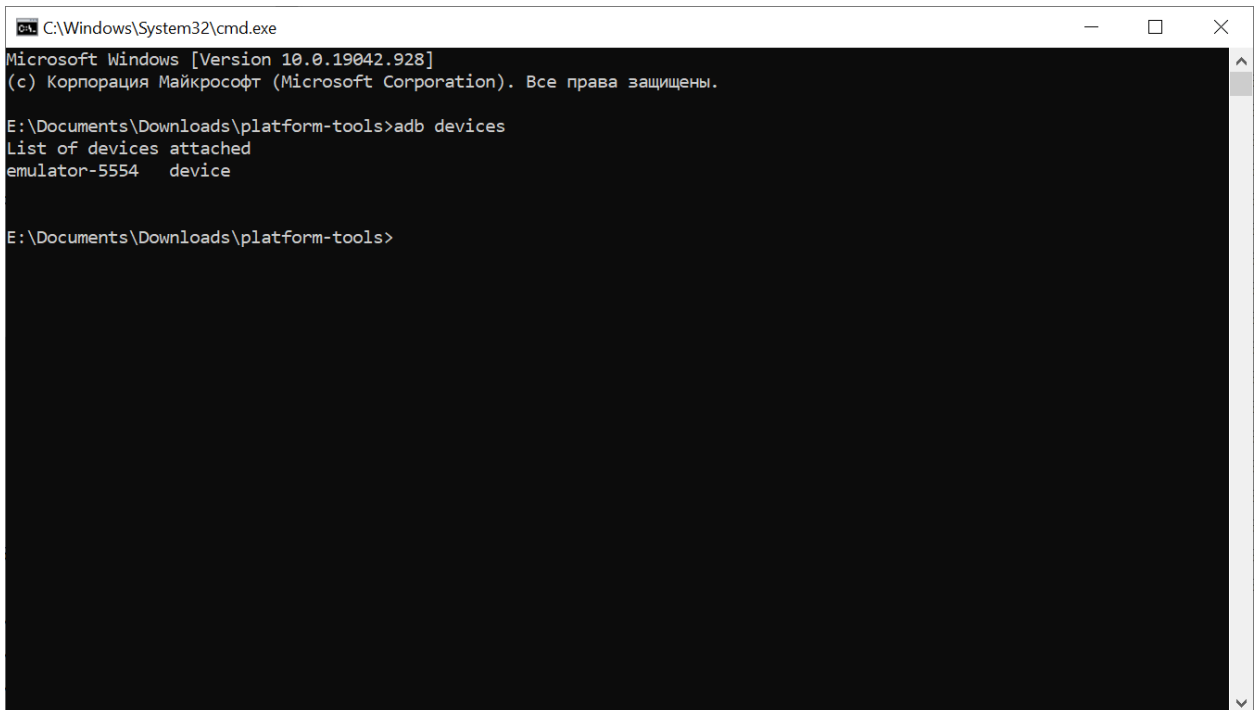
```
C:\Windows\System32\cmd.exe
. . .
05-05 00:57:45.695 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todolist
05-05 00:57:45.737 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android.todolist
05-05 00:57:58.571 1846 2821 D ThermalTrace: saveRepeatData, app:com.android.todolist, shell:30,abient:-100
05-05 00:58:26.993 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todolist
05-05 00:58:27.036 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android.todolist
05-05 00:58:35.331 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todolist
05-05 00:58:35.374 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android.todolist
05-05 00:58:51.852 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todolist
05-05 00:58:51.894 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android.todolist
05-05 00:58:58.599 1846 2821 D ThermalTrace: saveRepeatData, app:com.android.todolist, shell:31,abient:-100
05-05 00:59:32.612 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessAdd packagename com.android.todolist
05-05 00:59:32.654 710 781 I AwareLog: HibStrategy::HibStrategySwapCandidateProcessRemove packagename is com.android.todolist
^C^C
E:\Documents\Downloads\platform-tools>adb shell screencap /sdcard/screen.png
E:\Documents\Downloads\platform-tools>adb pull /sdcard/screen.png
/sdcard/screen.png: 1 file pulled, 0 skipped. 8.2 MB/s (51287 bytes in 0.006s)
E:\Documents\Downloads\platform-tools>
```



adb reboot – ре-старт приложения

Подключили эмулятор

adb devices



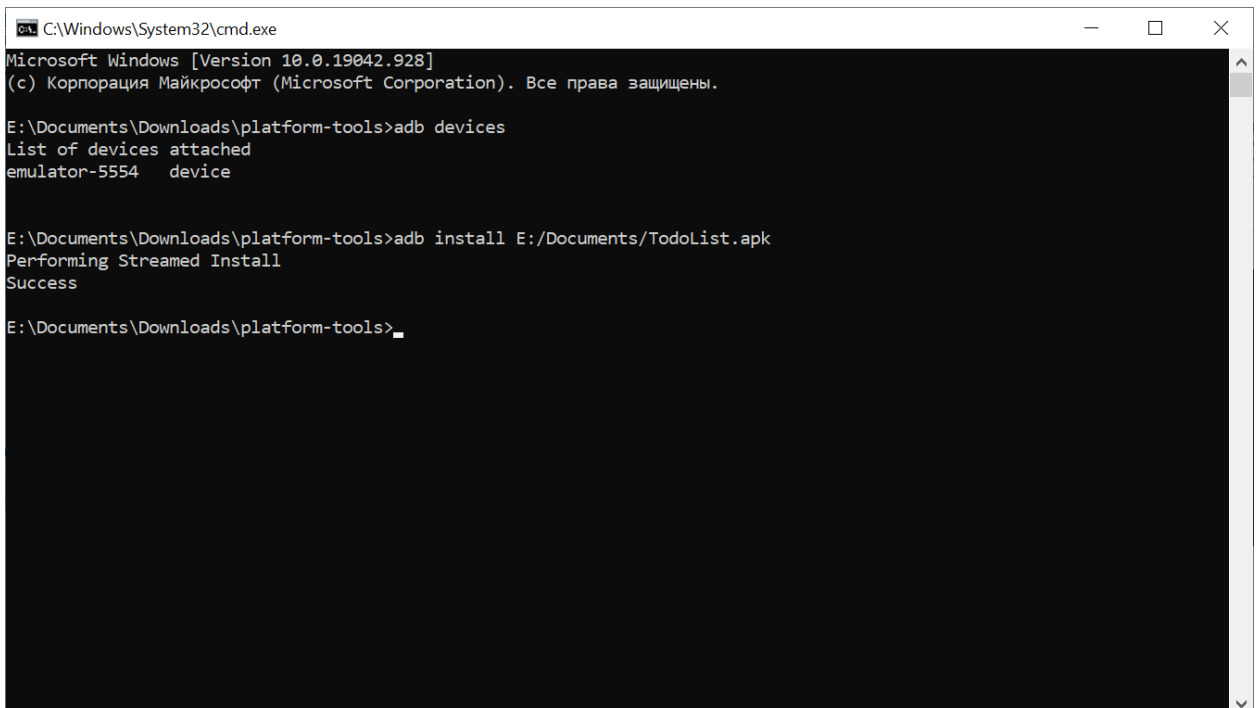
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.928]
(c) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

E:\Documents\Downloads\platform-tools>adb devices
List of devices attached
emulator-5554    device

E:\Documents\Downloads\platform-tools>
```

Установка приложения на эмулятор

adb install E:/Documents/ToDoList.apk



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.928]
(c) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

E:\Documents\Downloads\platform-tools>adb devices
List of devices attached
emulator-5554    device

E:\Documents\Downloads\platform-tools>adb install E:/Documents/ToDoList.apk
Performing Streamed Install
Success

E:\Documents\Downloads\platform-tools>
```



Удаление приложения

adb uninstall com.android.todolist

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19042.928]
(c) Корпорация Майкрософт (Microsoft Corporation). Все права защищены.

E:\Documents\Downloads\platform-tools>adb devices
List of devices attached
emulator-5554    device

E:\Documents\Downloads\platform-tools>adb install E:/Documents/ToDoList.apk
Performing Streamed Install
Success

E:\Documents\Downloads\platform-tools>adb install E:/Documents/ToDoList.apk
Performing Streamed Install
Success

E:\Documents\Downloads\platform-tools>adb uninstall com.android.todolist
Success

E:\Documents\Downloads\platform-tools>
```

