

A100 B100 C100 HD5501

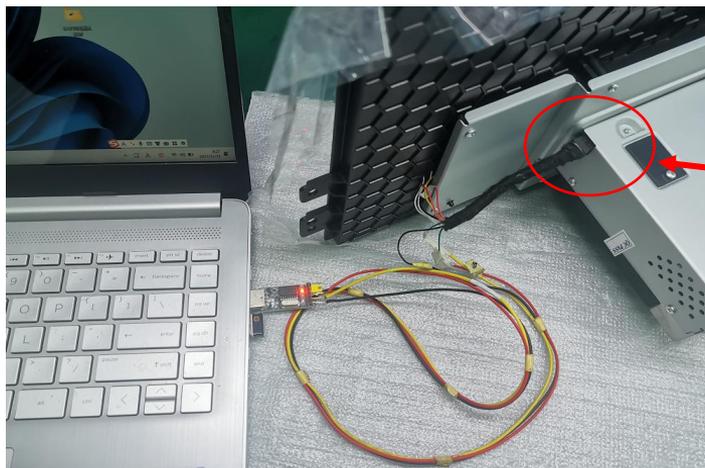
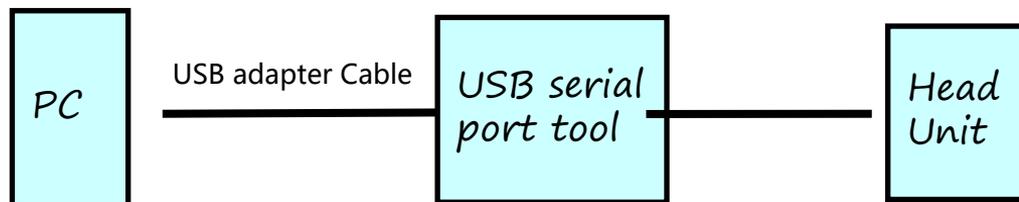
Capture BWLOGO document

--2023-11-20



Capture BWLOGO

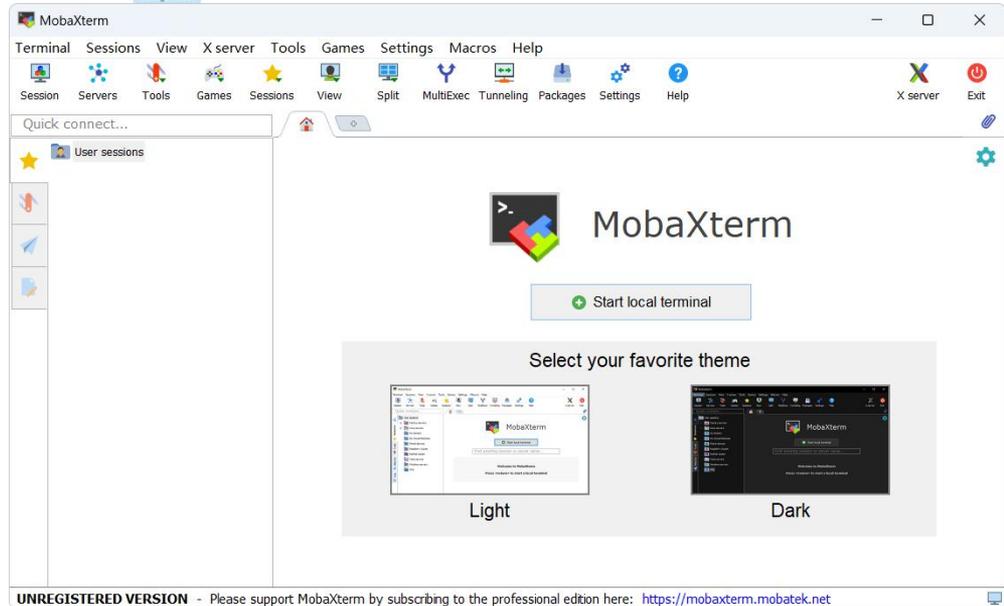
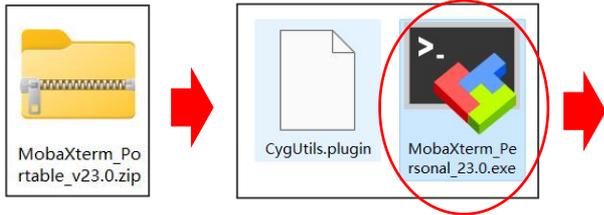
I. Need below toolings



Capture BWLOGO

II. Tool installation settings;

1、 Zip-out MobaXterm_Portable_v23.0.zip, Double click "MobaXterm_Personal_23.0.exe" () icon, in zhe capture LOG interface.

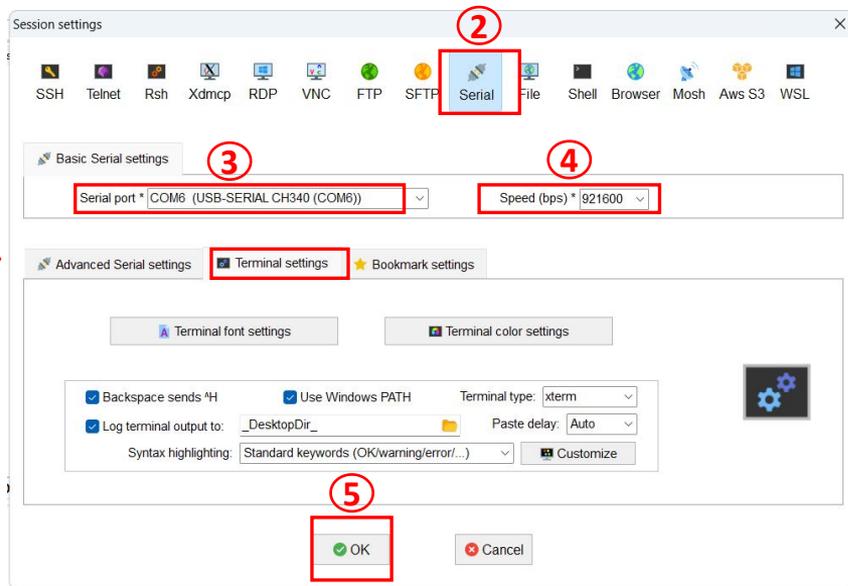
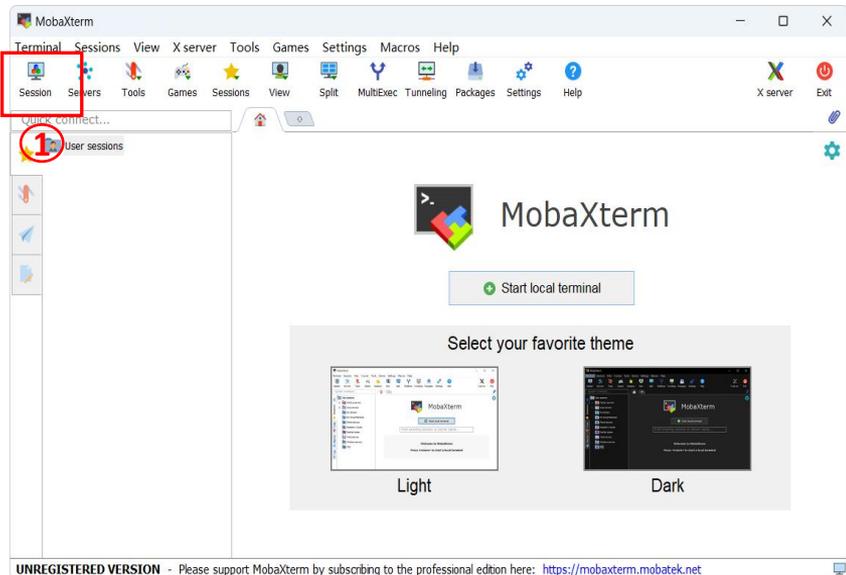




Capture BWLOGO

II. Tool installation settings;

2、 Select : ① session → ② Serial → ③ USB serial port → ④ speed (bps) 921600 → ⑤ lick OK;

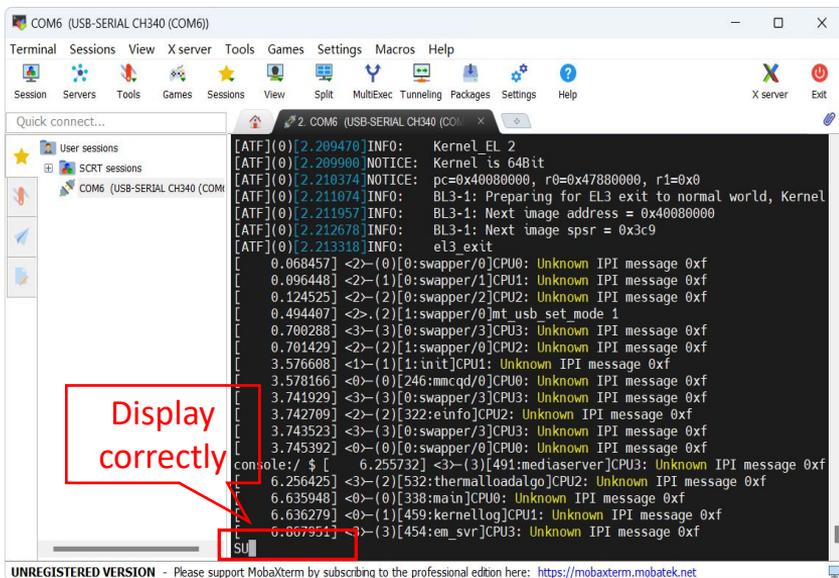




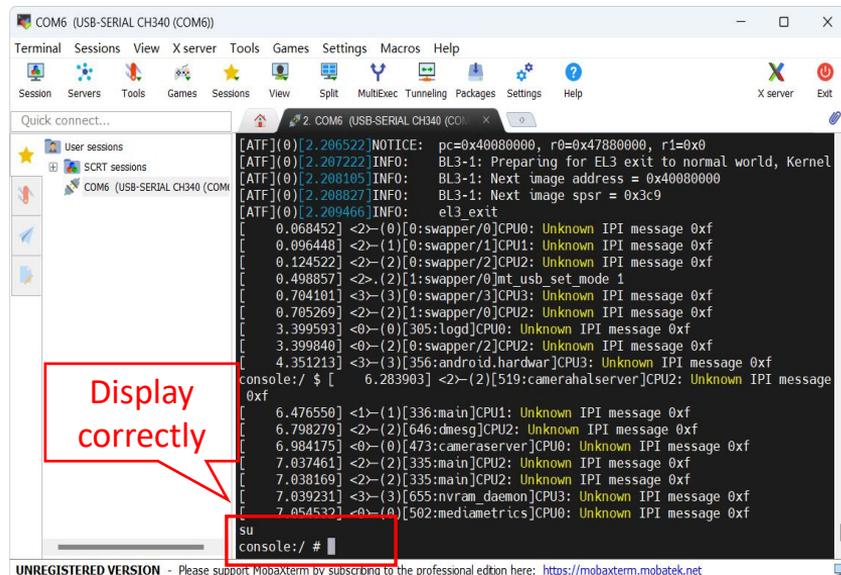
capture BWLOGO

III. Open ADB mode;

1、After interface stop, input "SU" , click computer "enter" , display () ;



```
[ATF](0)[2.209470]INFO: Kernel_EL 2
[ATF](0)[2.209900]NOTICE: Kernel is 64Bit
[ATF](0)[2.210374]NOTICE: pc=0x40080000, r0=0x47880000, r1=0x0
[ATF](0)[2.211074]INFO: BL3-1: Preparing for EL3 exit to normal world, Kernel
[ATF](0)[2.211957]INFO: BL3-1: Next image address = 0x40080000
[ATF](0)[2.212678]INFO: BL3-1: Next image spsr = 0x3c9
[ATF](0)[2.213318]INFO: el3_exit
[ 0.068457] <-> (0)[0:swapper/0]CPU0: Unknown IPI message 0xf
[ 0.096448] <-> (1)[0:swapper/1]CPU1: Unknown IPI message 0xf
[ 0.124525] <-> (2)[0:swapper/2]CPU2: Unknown IPI message 0xf
[ 0.494407] <-> (2)[1:swapper/0]mt_usb_set_mode 1
[ 0.700288] <-> (3)[0:swapper/3]CPU3: Unknown IPI message 0xf
[ 0.701429] <-> (2)[1:swapper/0]CPU2: Unknown IPI message 0xf
[ 3.576608] <-> (1)[1:init]CPU1: Unknown IPI message 0xf
[ 3.578166] <-> (0)[246:mmcq0]CPU0: Unknown IPI message 0xf
[ 3.741929] <-> (3)[0:swapper/3]CPU3: Unknown IPI message 0xf
[ 3.742709] <-> (2)[322:eiinfo]CPU2: Unknown IPI message 0xf
[ 3.743523] <-> (3)[0:swapper/3]CPU3: Unknown IPI message 0xf
[ 3.745392] <-> (0)[0:swapper/0]CPU0: Unknown IPI message 0xf
console: / $ [ 6.255732] <-> (3)[491:mediaserver]CPU3: Unknown IPI message 0xf
[ 6.256425] <-> (2)[532:thermalloadalgo]CPU2: Unknown IPI message 0xf
[ 6.635948] <-> (0)[338:main]CPU0: Unknown IPI message 0xf
[ 6.636279] <-> (1)[459:kernellog]CPU1: Unknown IPI message 0xf
[ 6.667951] <-> (3)[454:em_svr]CPU3: Unknown IPI message 0xf
su
console: / #
```



```
[ATF](0)[2.206522]NOTICE: pc=0x40080000, r0=0x47880000, r1=0x0
[ATF](0)[2.207222]INFO: BL3-1: Preparing for EL3 exit to normal world, Kernel
[ATF](0)[2.208105]INFO: BL3-1: Next image address = 0x40080000
[ATF](0)[2.208827]INFO: BL3-1: Next image spsr = 0x3c9
[ATF](0)[2.209466]INFO: el3_exit
[ 0.068452] <-> (0)[0:swapper/0]CPU0: Unknown IPI message 0xf
[ 0.096448] <-> (1)[0:swapper/1]CPU1: Unknown IPI message 0xf
[ 0.124522] <-> (2)[0:swapper/2]CPU2: Unknown IPI message 0xf
[ 0.498857] <-> (2)[1:swapper/0]mt_usb_set_mode 1
[ 0.704101] <-> (3)[0:swapper/3]CPU3: Unknown IPI message 0xf
[ 0.705269] <-> (2)[1:swapper/2]CPU2: Unknown IPI message 0xf
[ 3.399593] <-> (0)[305:logd]CPU0: Unknown IPI message 0xf
[ 3.399840] <-> (2)[0:swapper/2]CPU2: Unknown IPI message 0xf
[ 4.351213] <-> (3)[356:android.hardware]CPU3: Unknown IPI message 0xf
console: / $ [ 6.283903] <-> (2)[519:cameraserver]CPU2: Unknown IPI message 0xf
[ 6.476550] <-> (1)[336:main]CPU1: Unknown IPI message 0xf
[ 6.798279] <-> (2)[646:dmesg]CPU2: Unknown IPI message 0xf
[ 6.984175] <-> (0)[473:cameraserver]CPU0: Unknown IPI message 0xf
[ 7.037461] <-> (2)[335:main]CPU2: Unknown IPI message 0xf
[ 7.038169] <-> (2)[335:main]CPU2: Unknown IPI message 0xf
[ 7.039231] <-> (3)[655:nvram_daemon]CPU3: Unknown IPI message 0xf
[ 7.054532] <-> (0)[502:mediametrics]CPU0: Unknown IPI message 0xf
su
console: / #
```

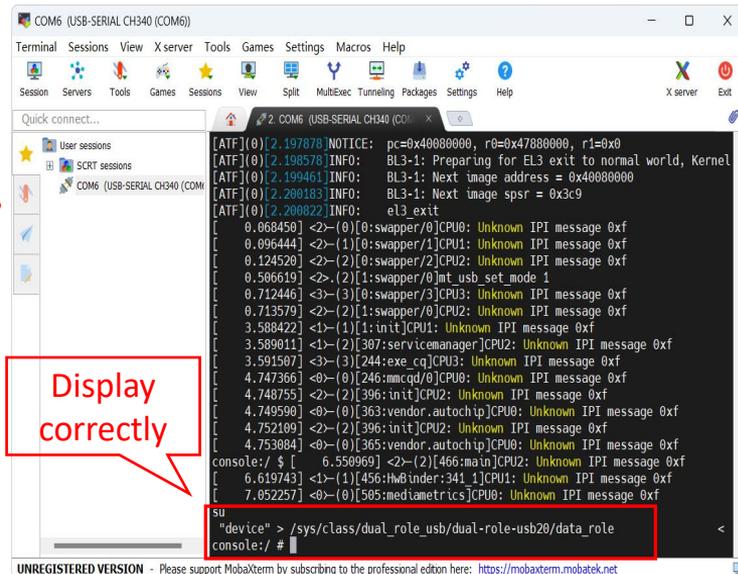
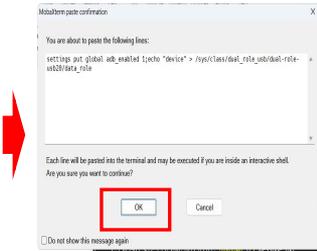
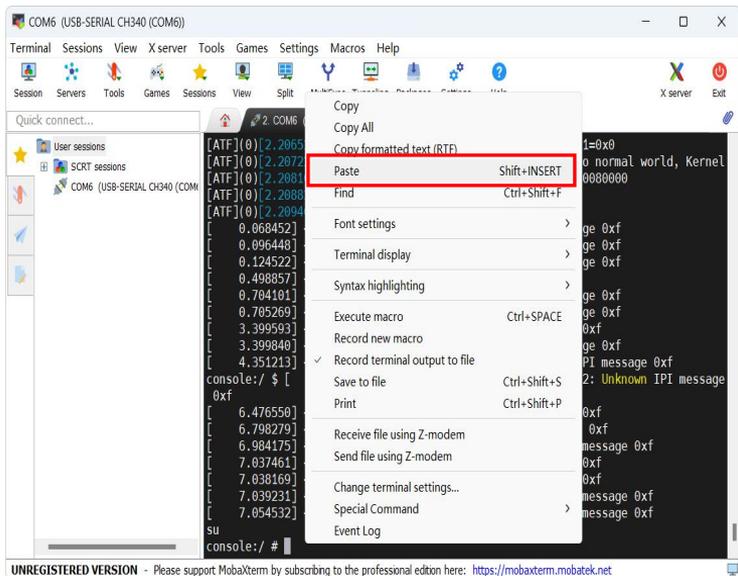
Capture BWLOGO

III. Open ADB mode;

2、Copy this command "

```
settings put global adb_enabled 1;echo "device" > /sys/class/dual_role_usb/dual-role-usb20/data_role
```

paste it here ()

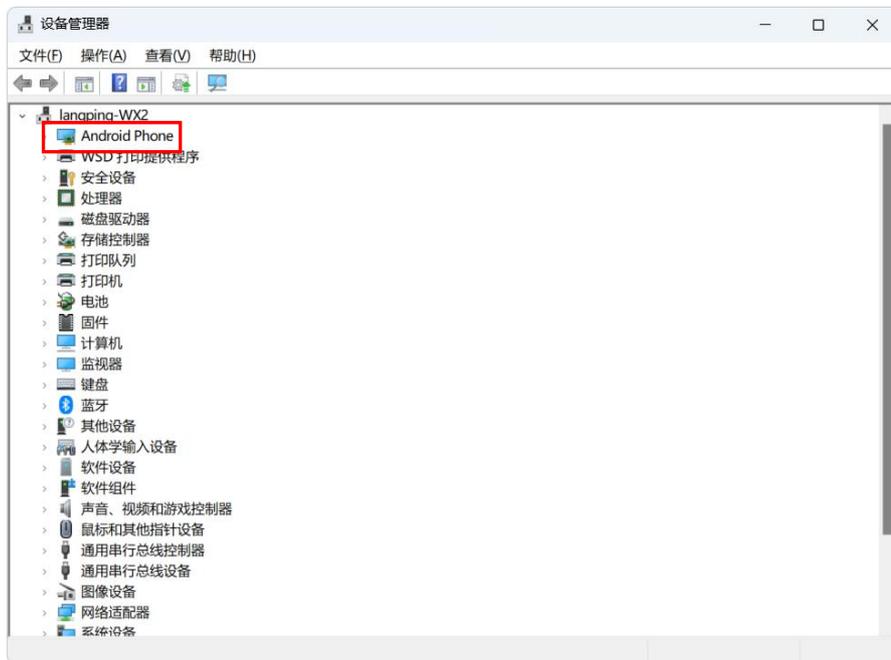




Capture BWLOGO

III. Open ADB mode;

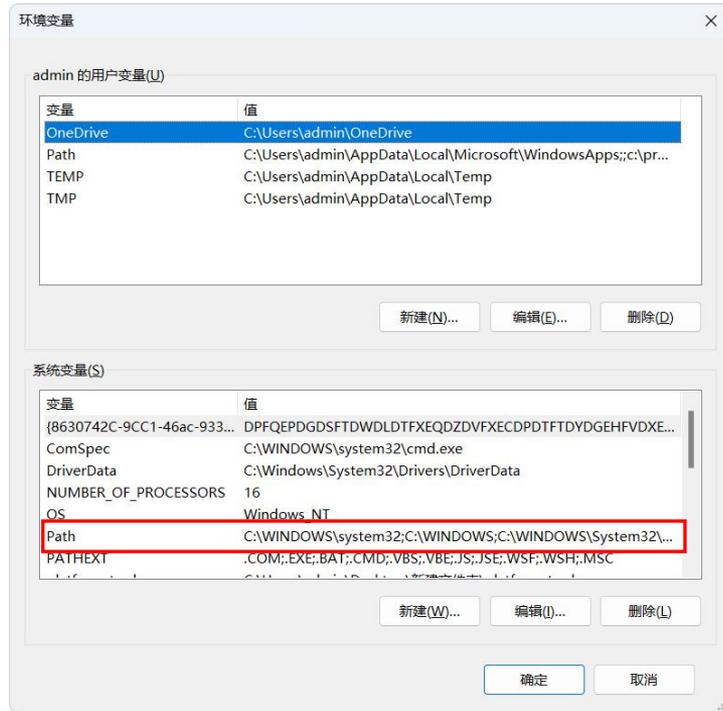
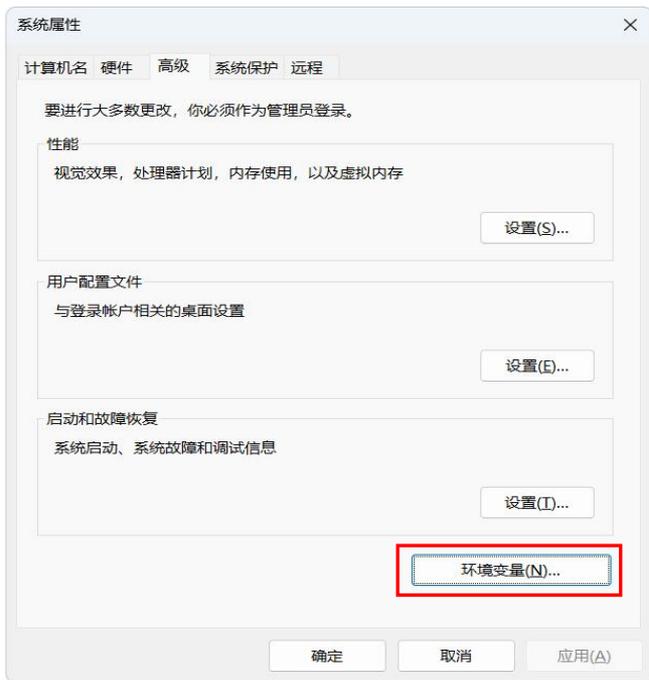
3、Connect computer, computer device manager, display ( Android Phone) OK;



Capture BWLOGO

IV. Computer settings ;

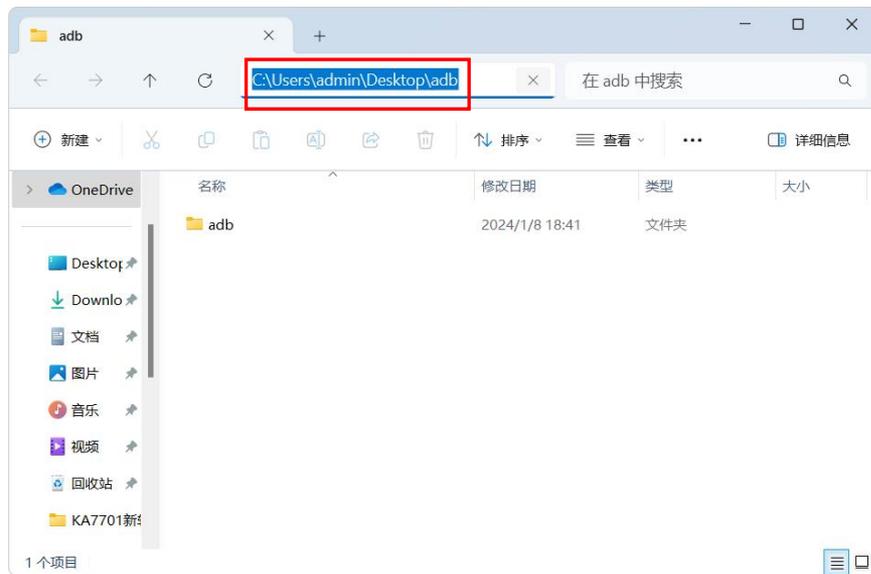
1、Open computer properties, select "environment variables" ; select " path "



capture BWLOGO

IV. Computer settings ;

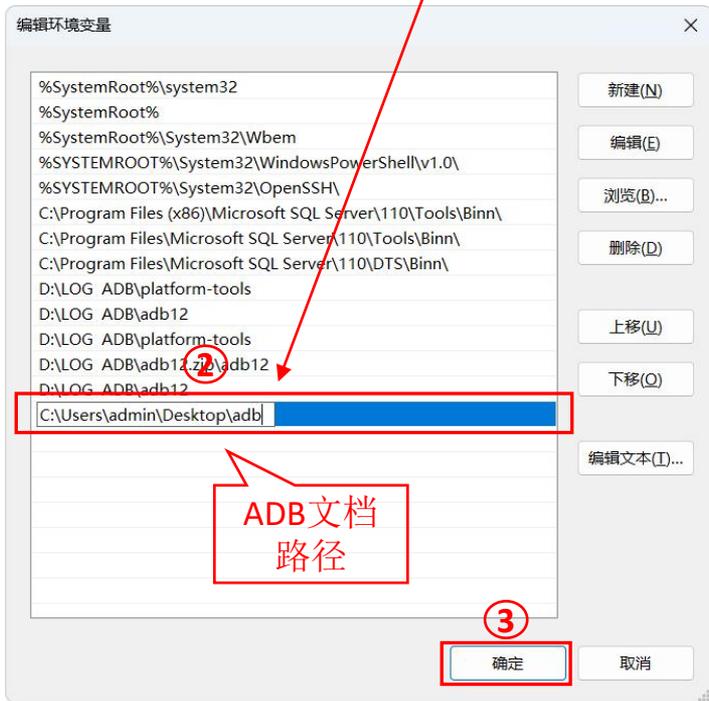
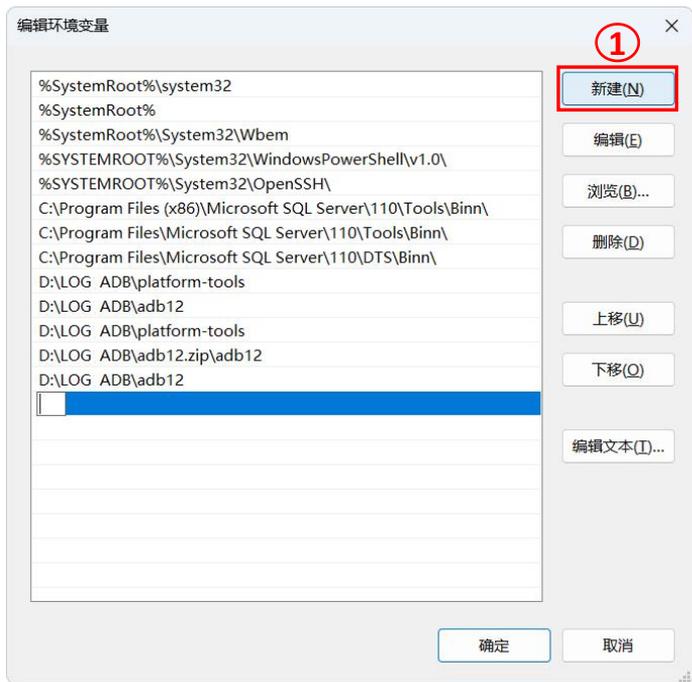
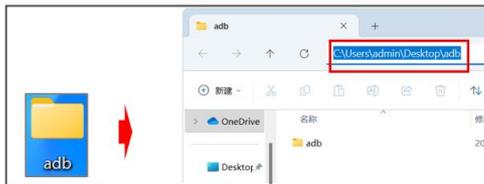
2、select () file, copy folder path;



Capture BWLOGO

IV. Computer settings ;

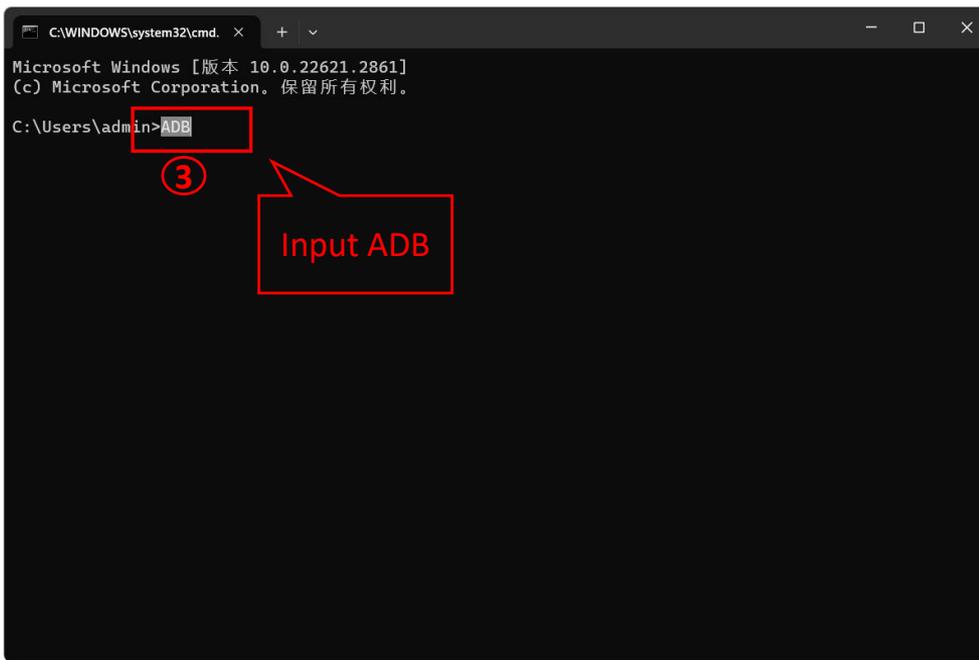
3、 Select "New folder path" , paste the ADB folder path, select "OK" ;



Capture BWLOGO

V. Open ADB interface;

1、Open the computer running, input "CMD" ; input "ADB" ; click computer "enter"





Capture BWLOGO

VI. Input command ;

1、Input “adb root” , click computer “enter” ,

```
C:\WINDOWS\system32\cmd. x + v
reboot [bootloader|recovery|sideload|sideload-auto-reboot]
  reboot the device; defaults to booting system image but
  supports bootloader and recovery too. sideload reboots
  into recovery and automatically starts sideload mode,
  sideload-auto-reboot is the same but reboots after sideloading.
sideload OTAPACKAGE  sideload the given full OTA package
root                 restart adb with root permissions
unroot              restart adb without root permissions
usb                 restart adb listening on USB
tcpip PORT          restart adb listening on TCP on PORT

internal debugging:
start-server        ensure that there is a server running
kill-server         kill the server if it is running
reconnect           kick connection from host side to force reconnect
reconnect device   kick connection from device side to force reconnect
reconnect offline  reset offline/unauthorized devices to force reconnect

environment variables:
$ADB_TRACE          comma-separated list of debug info to log:
                    all,adb,sockets,packets,rwx,usb,sysdeps,transport,jdwp
$ADB_VENDOR_KEYS   colon-separated list of keys (files or directories)
$ANDROID_SERIAL    serial number to connect to (see -s)
$ANDROID_LOG_TAGS  tags to be used by logcat (see logcat --help)
$ADB_LOCAL_TRANSPORT_MAX_PORT max emulator scan port (default 5585, 16 emus)
$ADB_MDNS_AUTO_CONNECT comma-separated list of mdns services to allow auto-connect (default adb-tl
s-connect)

C:\Users\admin>adb root
```

```
C:\WINDOWS\system32\cmd. x + v
sideload OTAPACKAGE  sideload the given full OTA package
root                 restart adb with root permissions
unroot              restart adb without root permissions
usb                 restart adb listening on USB
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$ADB_LOCAL_TRANSPORT_MAX_PORT max emulator scan port (default 5585, 16 emus)
$ADB_MDNS_AUTO_CONNECT comma-separated list of mdns services to allow auto-connect (default adb-tl
s-connect)

C:\Users\admin>adb root
* daemon not running; starting now at tcp:5037
* daemon started successfully
  restarting adb as root

C:\Users\admin>
```



Capture BWLOGO

VI. Input command ;

2、Input "adb remount" , click computer "enter" ,

```
C:\WINDOWS\system32\cmd. x + v
sideload OTAPACKAGE sideload the given full OTA package
root restart adb with root permissions
unroot restart adb without root permissions
usb restart adb listening on USB
tcpip PORT restart adb listening on TCP on PORT

internal debugging:
start-server ensure that there is a server running
kill-server kill the server if it is running
reconnect kick connection from host side to force reconnect
reconnect device kick connection from device side to force reconnect
reconnect offline reset offline/unauthorized devices to force reconnect

environment variables:
$ADB_TRACE
comma-separated list of debug info to log:
all,adb,sockets,packets,rwx,usb,sys,sysdeps,transport,jdwp
$ADB_VENDOR_KEYS colon-separated list of keys (files or directories)
$ANDROID_SERIAL serial number to connect to (see -s)
$ANDROID_LOG_TAGS tags to be used by logcat (see logcat --help)
$ADB_LOCAL_TRANSPORT_MAX_PORT max emulator scan port (default 5585, 16 emus)
$ADB_MDNS_AUTO_CONNECT comma-separated list of mdns services to allow auto-connect (default adb-tl
s-connect)

C:\Users\admin>adb root
* daemon not running; starting now at tcp:5037
* daemon started successfully
restarting adb as root

C:\Users\admin>adb remount
```



```
C:\WINDOWS\system32\cmd. x + v
usb restart adb listening on USB
tcpip PORT restart adb listening on TCP on PORT

internal debugging:
start-server ensure that there is a server running
kill-server kill the server if it is running
reconnect kick connection from host side to force reconnect
reconnect device kick connection from device side to force reconnect
reconnect offline reset offline/unauthorized devices to force reconnect

environment variables:
$ADB_TRACE
comma-separated list of debug info to log:
all,adb,sockets,packets,rwx,usb,sys,sysdeps,transport,jdwp
$ADB_VENDOR_KEYS colon-separated list of keys (files or directories)
$ANDROID_SERIAL serial number to connect to (see -s)
$ANDROID_LOG_TAGS tags to be used by logcat (see logcat --help)
$ADB_LOCAL_TRANSPORT_MAX_PORT max emulator scan port (default 5585, 16 emus)
$ADB_MDNS_AUTO_CONNECT comma-separated list of mdns services to allow auto-connect (default adb-tl
s-connect)

C:\Users\admin>adb root
* daemon not running; starting now at tcp:5037
* daemon started successfully
restarting adb as root

C:\Users\admin>adb remount
remount succeeded

C:\Users\admin>
```

Display correctly



Capture BWLOGO

VI. Input command ;

3、Input “adb pull data/misc/bwlog” , click computer “enter” ,

```
C:\WINDOWS\system32\cmd. x + v
usb restart adb listening on USB
tcpip PORT restart adb listening on TCP on PORT

internal debugging:
start-server ensure that there is a server running
kill-server kill the server if it is running
reconnect kick connection from host side to force reconnect
reconnect device kick connection from device side to force reconnect
reconnect offline reset offline/unauthorized devices to force reconnect

environment variables:
$ADB_TRACE
comma-separated list of debug info to log:
all,adb,sockets,packets,rwx,usb,sysnc,sysdeps,transport,jdwp
$ADB_VENDOR_KEYS colon-separated list of keys (files or directories)
$ANDROID_SERIAL serial number to connect to (see -s)
$ANDROID_LOG_TAGS tags to be used by logcat (see logcat --help)
$ADB_LOCAL_TRANSPORT_MAX_PORT max emulator scan port (default 5585, 16 emus)
$ADB_MDNS_AUTO_CONNECT comma-separated list of mdns services to allow auto-connect (default adb-tl
s-connect)

C:\Users\admin>adb root
* daemon not running; starting now at tcp:5037
* daemon started successfully
restarting adb as root

C:\Users\admin>adb remount
remount succeeded

C:\Users\admin>adb pull data/misc/bwlog
```



```
C:\WINDOWS\system32\cmd. x + v
internal debugging:
start-server ensure that there is a server running
kill-server kill the server if it is running
reconnect kick connection from host side to force reconnect
reconnect device kick connection from device side to force reconnect
reconnect offline reset offline/unauthorized devices to force reconnect

environment variables:
$ADB_TRACE
comma-separated list of debug info to log:
all,adb,sockets,packets,rwx,usb,sysnc,sysdeps,transport,jdwp
$ADB_VENDOR_KEYS colon-separated list of keys (files or directories)
$ANDROID_SERIAL serial number to connect to (see -s)
$ANDROID_LOG_TAGS tags to be used by logcat (see logcat --help)
$ADB_LOCAL_TRANSPORT_MAX_PORT max emulator scan port (default 5585, 16 emus)
$ADB_MDNS_AUTO_CONNECT comma-separated list of mdns services to allow auto-connect (default adb-tl
s-connect)

C:\Users\admin>adb root
* daemon not running; starting now at tcp:5037
* daemon started successfully
restarting adb as root

C:\Users\admin>adb remount
remount succeeded

C:\Users\admin>adb pull data/misc/bwlog
data/misc/bwlog/: 11 files pulled, 0 skipped. 25.8 MB/s (46182861 bytes in 1.709s)

C:\Users\admin>
```

Display correctly



Capture BWLOGO

VII. Bwlogo storage location;

```
C:\WINDOWS\system32\cmd. x + v
internal debugging:
start-server      ensure that there is a server running
kill-server      kill the server if it is running
reconnect        kick connection from host side to force reconnect
reconnect device kick connection from device side to force reconnect
reconnect offline reset offline/unauthorized devices to force reconnect

environment variables:
$ADB_TRACE
  comma-separated list of debug info to log:
  all,adb,sockets,packets,rwx,usb,sysnc,sysdeps,transport,jdwp
$ADB_VENDOR_KEYS
  colon-separated list of keys or directories)
$ANDROID_SERIAL
  serial number to connect to (see -s)
$ANDROID_LOG_TAGS
  tags to be used by logcat (see logcat --help)
$ADB_LOCAL_TRANSPORT_MAX_PORT
  max emulator scan port (default 5585, 16 emus)
$ADB_MDNS_AUTO_CONNECT
  comma-separated list of mdns services to allow auto-connect (default adb-tl
s-connect)

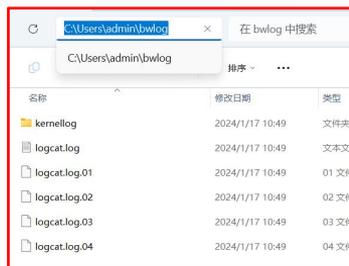
C:\Users\admin>adb root
* daemon not running; starting now at tcp:5037
* daemon started successfully
restarting adbd as root

C:\Users\admin>adb remount
remount succeeded

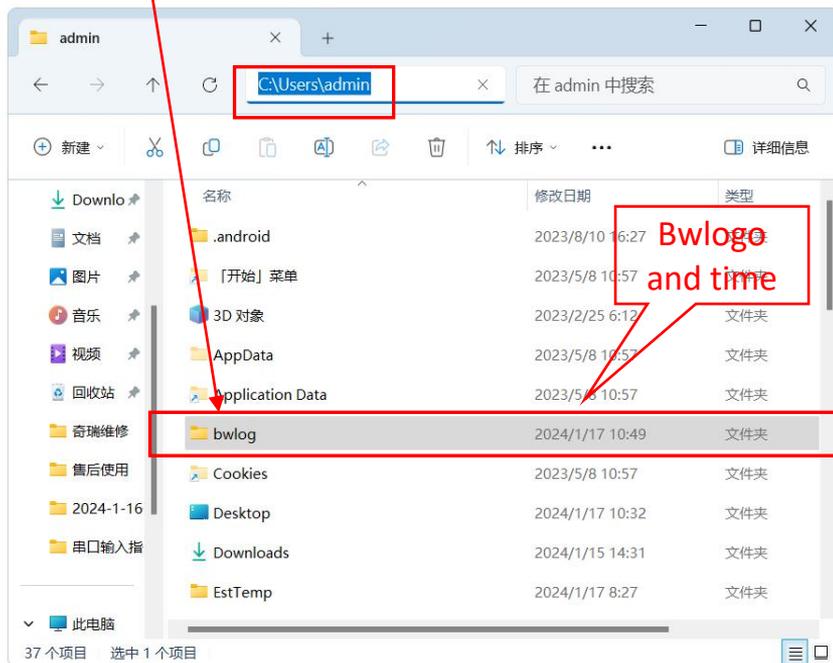
C:\Users\admin>adb pull data/misc/bwlog
data/misc/bwlog/: 11 files pulled, 0 skipped. 25.8 MB/s (46182861 bytes in 1.709s)

C:\Users\admin>
```

Bwlogo location



名称	修改日期	类型
kernellog	2024/1/17 10:49	文件夹
logcat.log	2024/1/17 10:49	文本文件
logcat.log.01	2024/1/17 10:49	01 文件
logcat.log.02	2024/1/17 10:49	02 文件
logcat.log.03	2024/1/17 10:49	03 文件
logcat.log.04	2024/1/17 10:49	04 文件



Bwlogo and time

C:\Users\admin

名称	修改日期	类型
.android	2023/8/10 16:27	文件夹
[开始] 菜单	2023/5/8 10:57	文件夹
3D 对象	2023/2/25 6:12	文件夹
AppData	2023/5/8 10:57	文件夹
Application Data	2023/5/8 10:57	文件夹
bwlog	2024/1/17 10:49	文件夹
Cookies	2023/5/8 10:57	文件夹
Desktop	2024/1/17 10:32	文件夹
Downloads	2024/1/15 14:31	文件夹
EstTemp	2024/1/17 8:27	文件夹