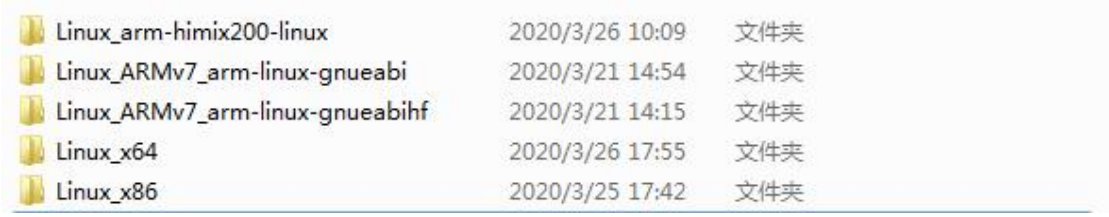
Test Manual

Affirm:

This manual is for reading only by non-developers during testing. Developers can directly enter the Sample to call the example test.

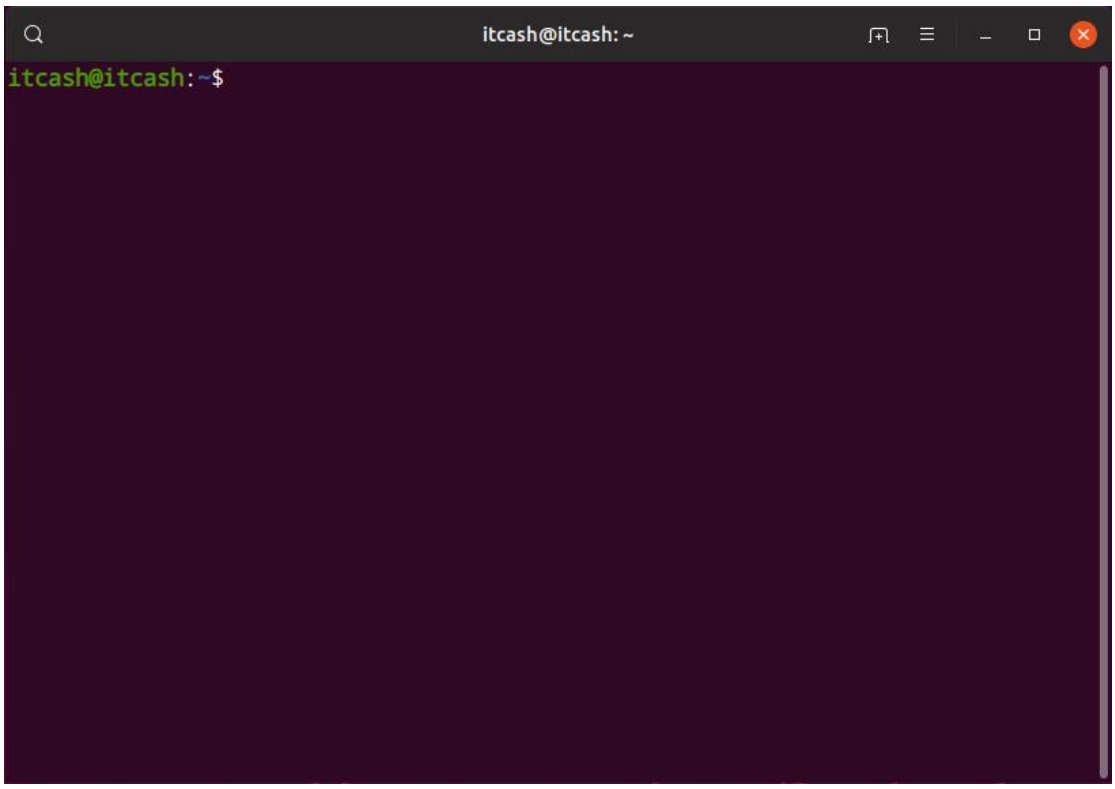
Note that the content of the command is marked with red text. If there is no Linux foundation at all, please do not enter any wrong letter and distinguish between upper and lower case. Pay attention to spaces. After entering the command, you must add the Enter key to execute the command.

Step 1: Select the corresponding Linux version after decompression.

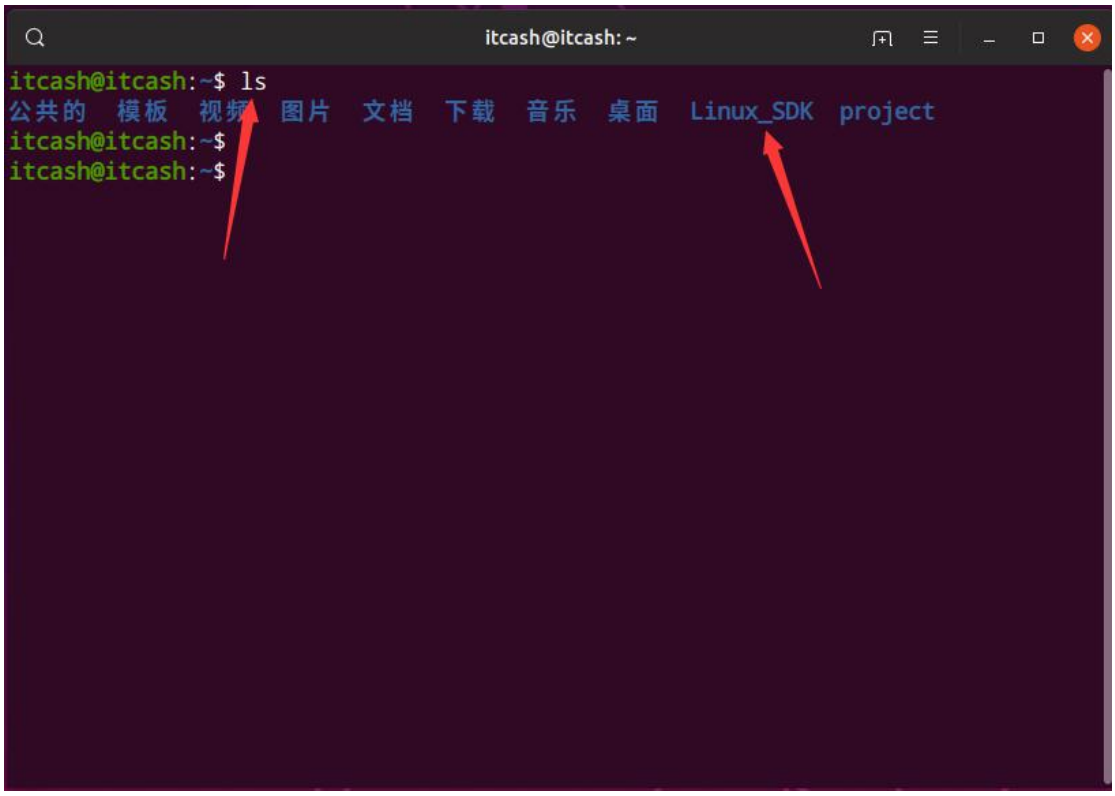


Linux_x64 and Linux_x86 are PC platforms.

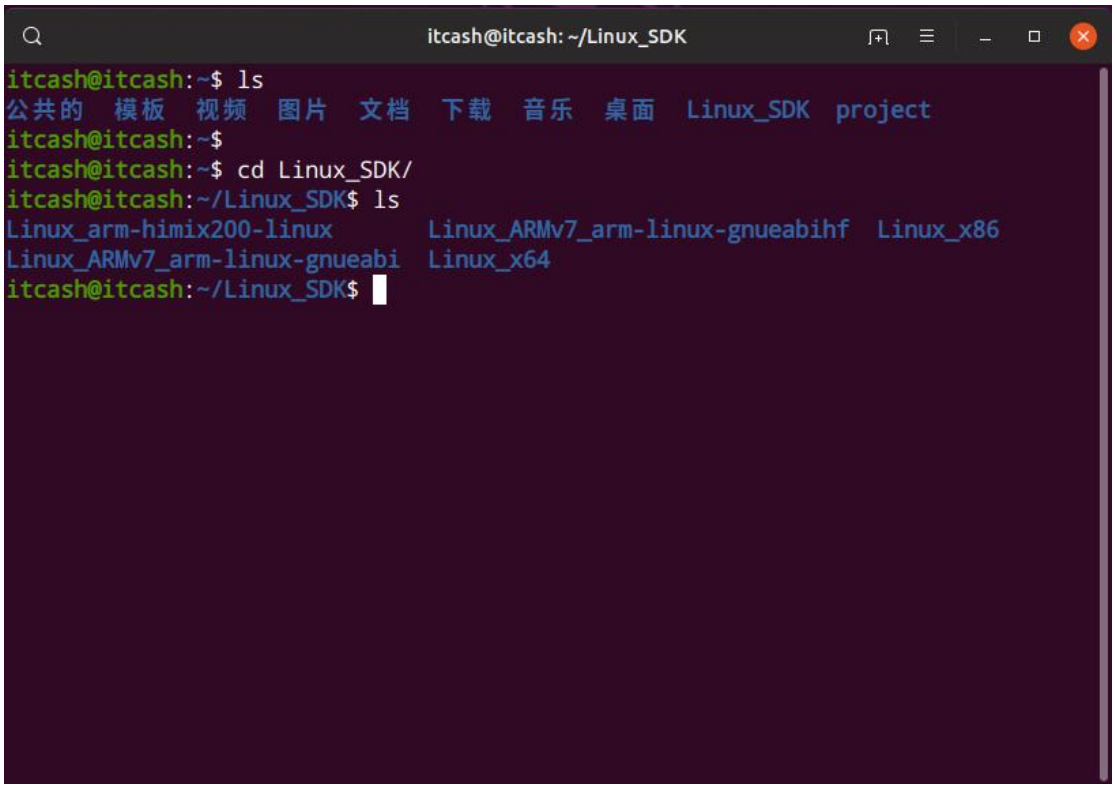
Step 2: Open command editor shell or bash.



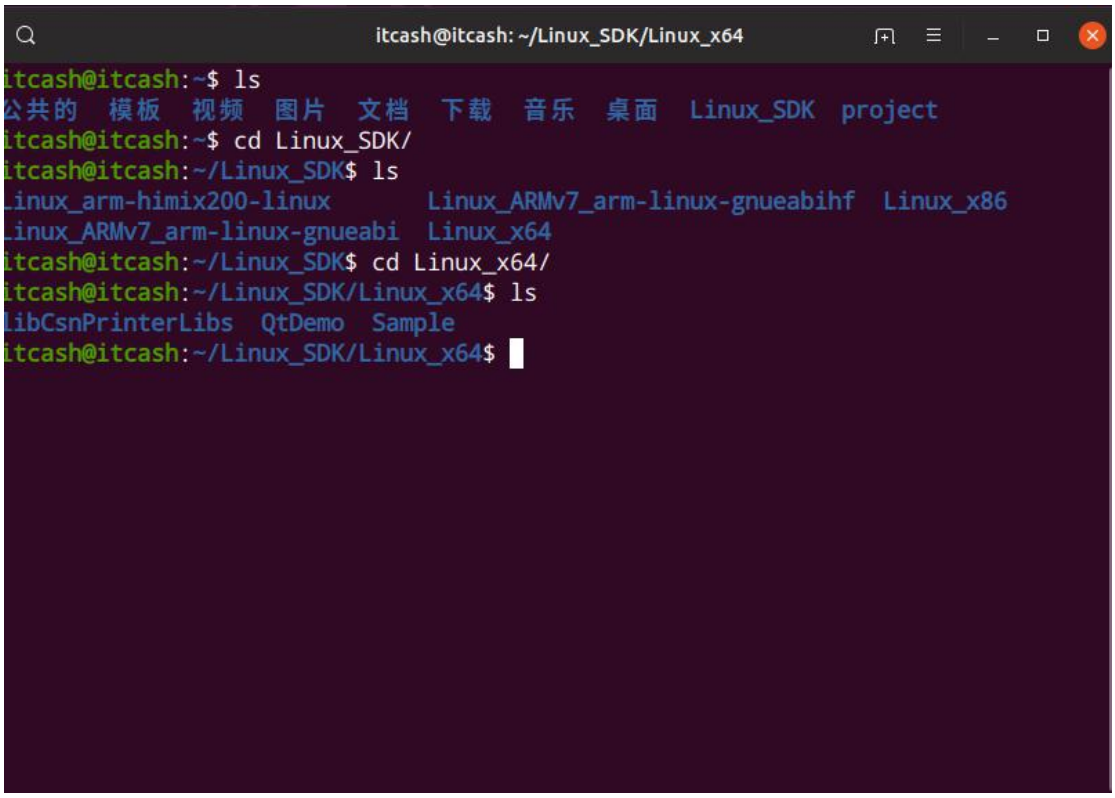
Step 3: Type “ls” to view the directory location.



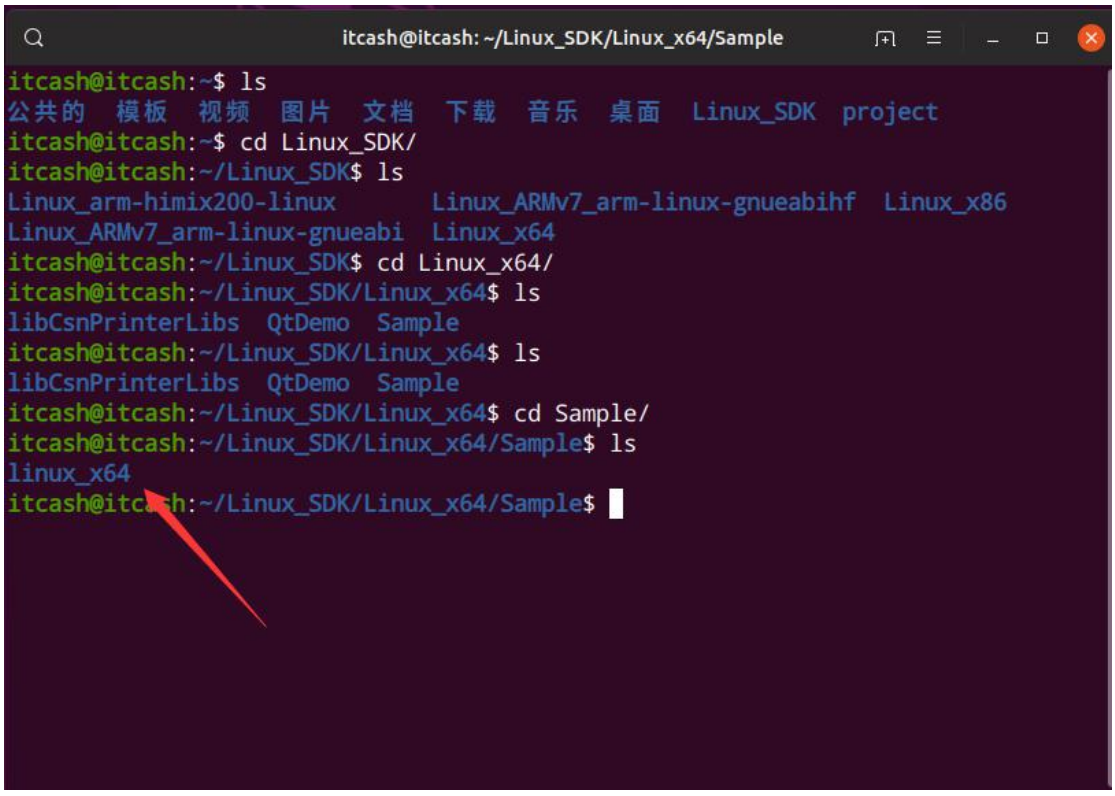
Step 4: Type “cd Linux_SDK”, then type “ls” to view the contents of the directory.



Step 5: Enter the corresponding platform version. In this example, the 64-bit PC is used for demonstration. Type “cd Linux_x64”, then type “ls” to view the directory information.



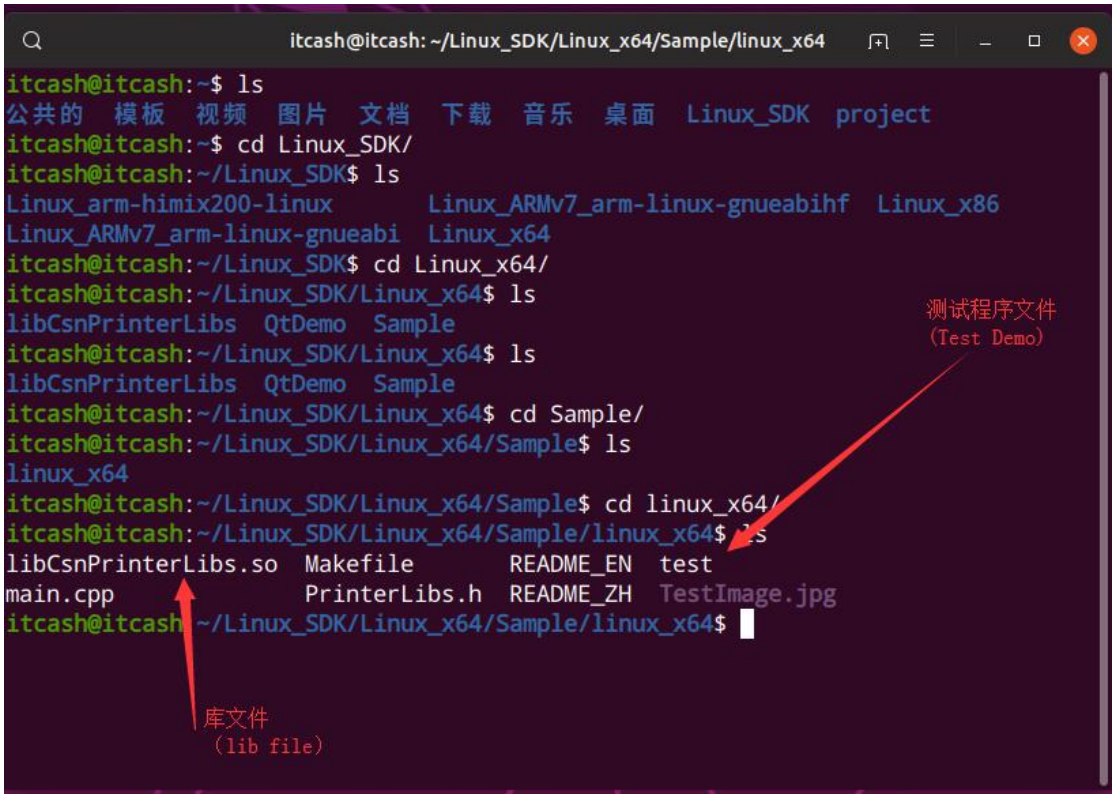
Step 6: Type “cd Sample”, then type “ls” to view the catalog file.



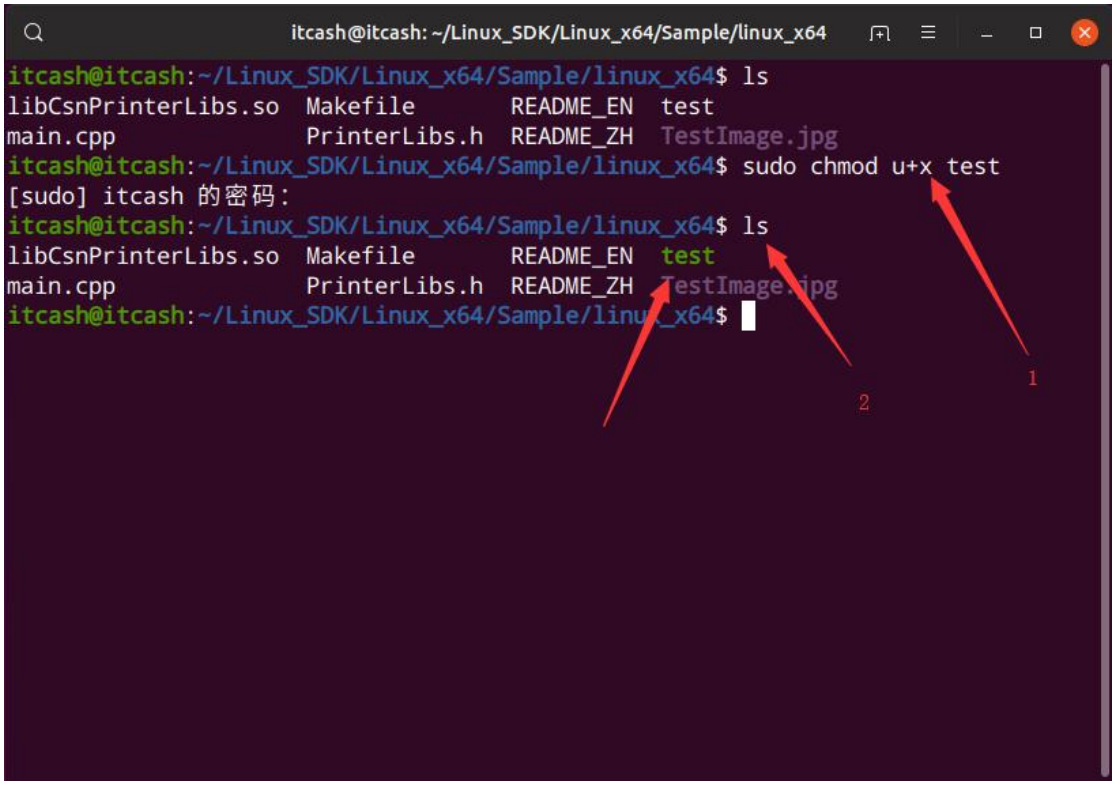
Step 7: Type “cd linux_x64”, then type “ls” to view the catalog file.

Test is a test program, and libCsnPrinterLibs.so is a library file. At this time, the test file is the same as other ordinary files, indicating that test does not have execution permission, and you

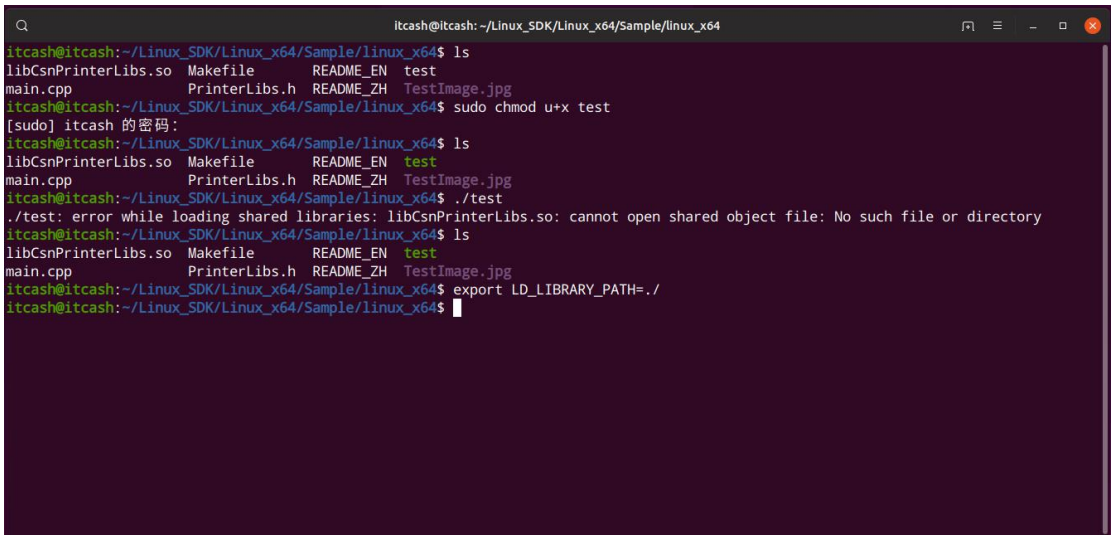
need to give test execution permission.



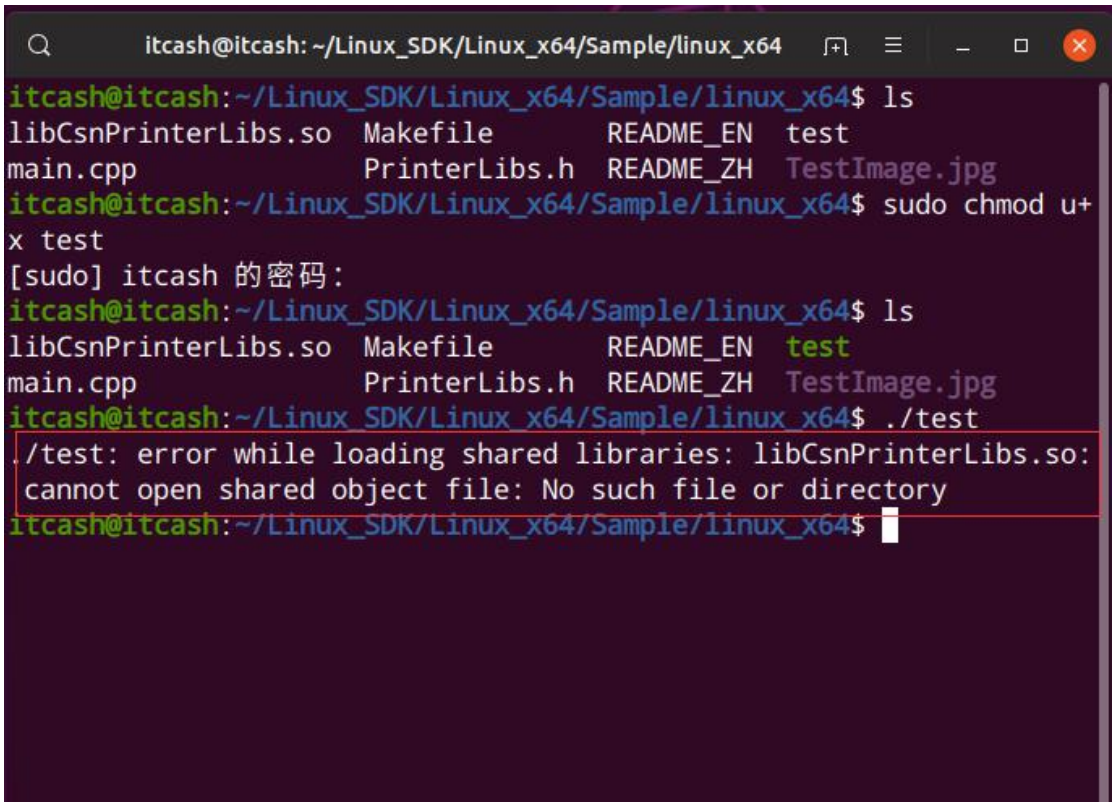
Step 8: Type “sudo chmod u + x test” and then enter the password and then press Enter. Type “ls”and find that the test turns green, indicating that you have permission to run.



Step 9: Type “export LD_LIBRARY_PATH =. /” to tell the system to search the library path. This command is valid for a single time. It needs to be re-entered to log out or restart the system. If the command does not report an error, the input is correct.



If the library path is not found, it will prompt something similar to the following. Need to re-type “export LD_LIBRARY_PATH =. /”.



Step 10: Give read and write permissions to the port. In this example, use the virtual serial port as an example. Type “sudo chmod 777 /dev/ttyUSB0” and enter the password. It should be noted that you need to determine which interface the serial port is connected to on the printer. The serial port and USB virtual serial port are usually / dev / ttyXXX and / dev / ttyUSBX, the USB print port is usually / dev / usb / lp / xxx, and the parallel port is usually / dev / lp / xxx. (The USB print

port and the USB virtual serial port PL2303 must be recognized without simplification of the system. If simplified, please re-compile the corresponding driver into the system). The running format of test is ./test port, baud rate / network port number, and the third parameter is not required for the USB print port and parallel port. In this example, the virtual serial port is used as an example. Type "./test /dev/ttyUSB0 9600", the printer starts printing.

Printing effect: If there are garbled characters, the printer does not support Japanese and Korean.

Self Test
測試小票
テストシート

welcome to use

欢迎使用我司打印机

歡迎使用印表機

ご利用を歓迎する

Test BarCode

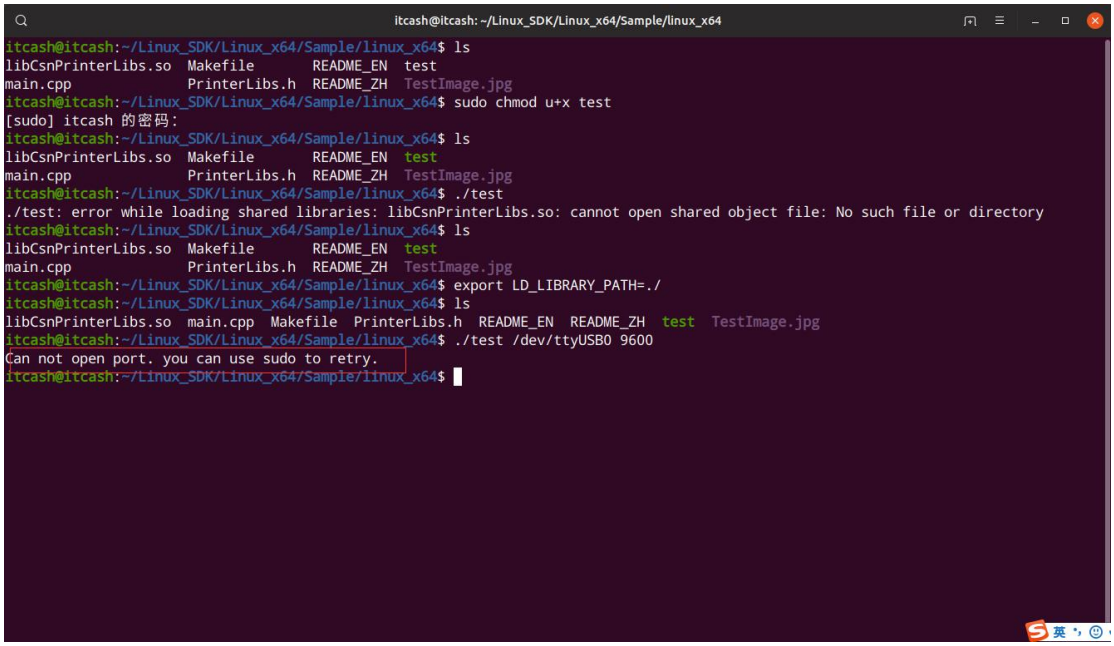
1 2 3 4 5 6

Test QrCode

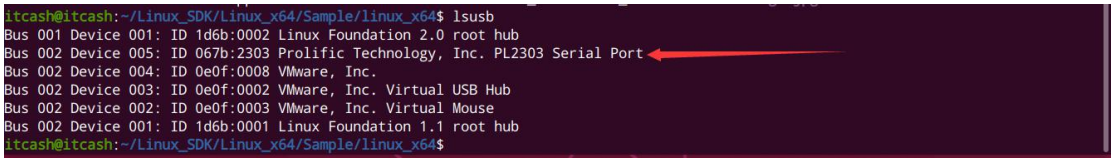
Test Double QrCode

Self Test测试小票

If there is no permission, or the port is opened incorrectly, the following content will be prompted.



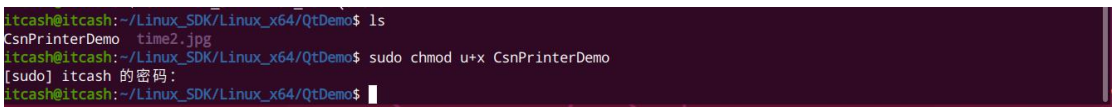
As a supplementary note, during USB connection, if the corresponding port cannot be found under / dev /, please type the "lsusb" command to see if there is currently a USB connected to the system. The ID is 067b: 2303 is our virtual serial port, and the ID is 0fe6: 811e is our USB print port. If these two are not recognized, it is not a system driver problem, and you need to troubleshoot the hardware problem.



Others: We have also developed a convenient testing tool for the corresponding graphical interface version under the PC version of Linux with a graphical interface. But you also need to have read and write access to the port and Demo to run. The following is a brief description.

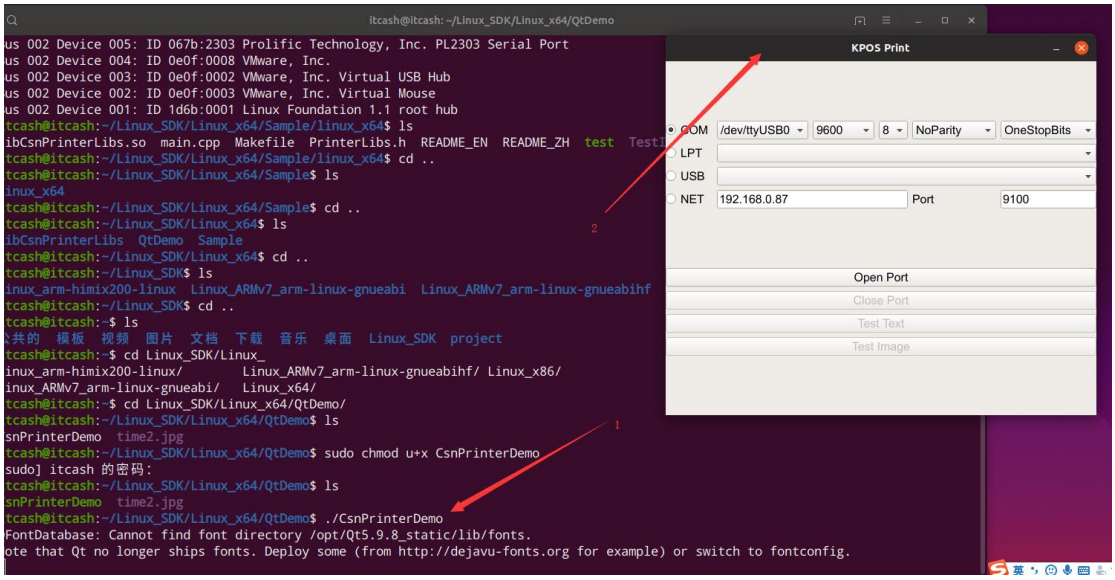
1. Go to the QtDemo directory of the SDK and type" cd Linux_SDK /Linux_x64/QtDemo/"

2. Give QtDemo execution permission, type "sudo chmod u+x CsnPrinterDemo" and enter the password

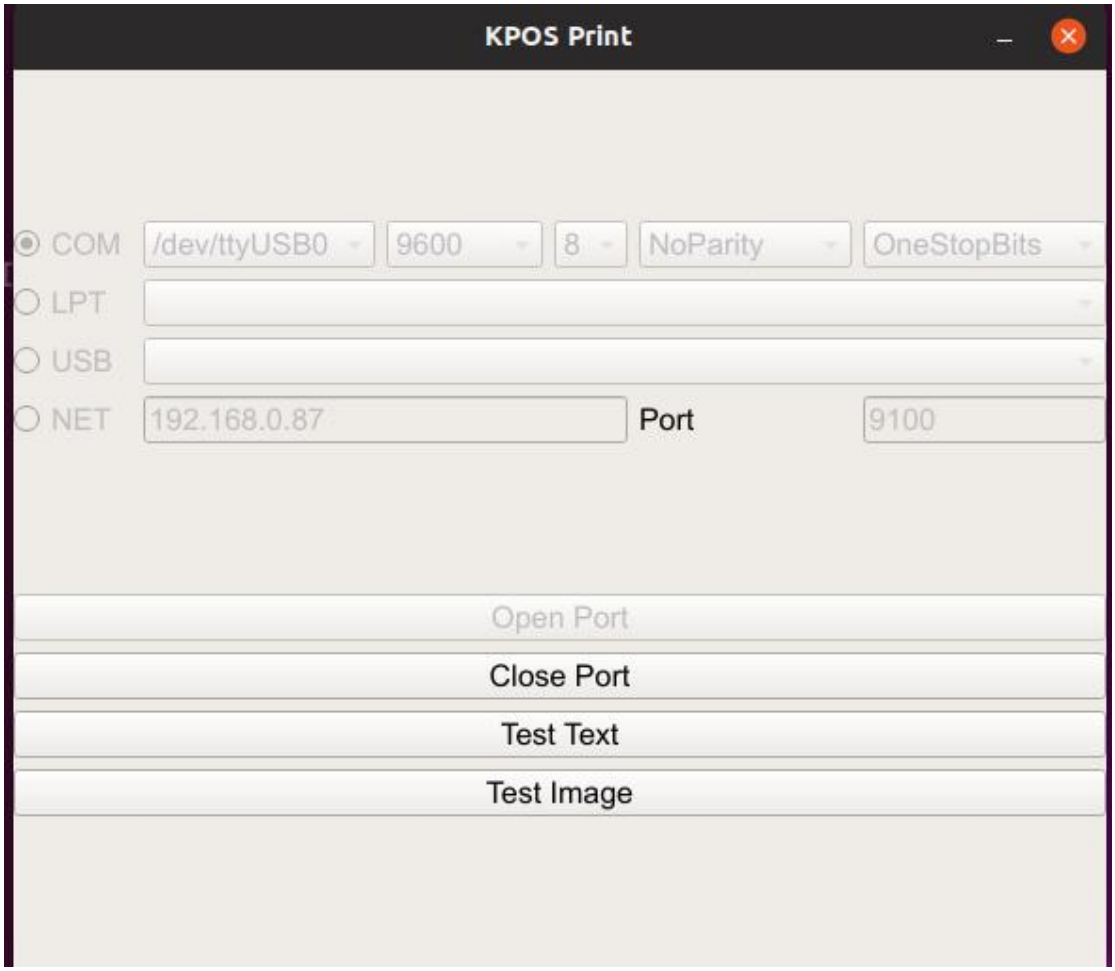


3. To grant read and write permissions to the port, type “sudo chmod 777 /dev/ttyUSB0” (Please note that this is an example, please use the actual corresponding port).

4. Open the corresponding QtDemo “./CsnPrinterDemo”



5. Select the corresponding port, click Open Port to open the port and click Test Text



6. If there is no corresponding port, please reopen the test software.