

# Remote file transfer

## Remote file transfer

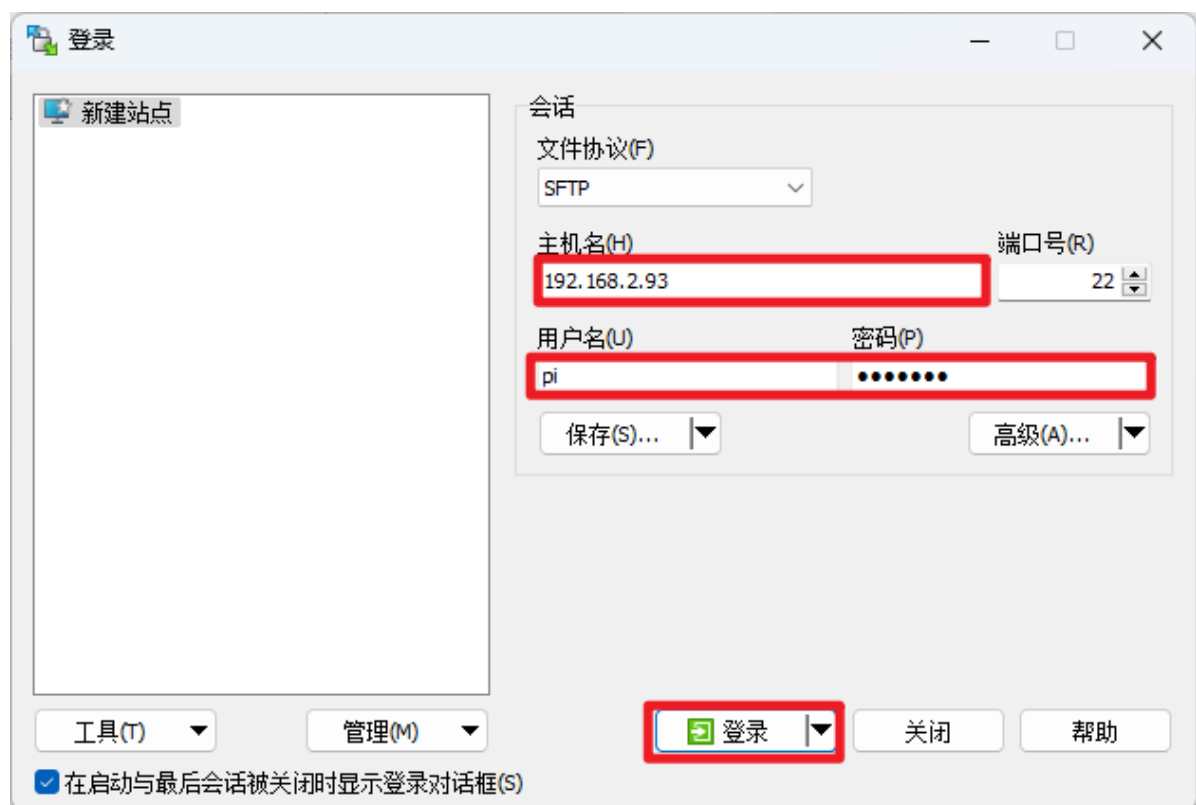
1. WinSCP software
  - Transfer files
2. SCP command
  - 1.1. Copy the file to the Raspberry Pi motherboard
  - 1.2. Copy files from the Raspberry Pi motherboard to the current computer

This article mainly introduces how to transfer files using WinSCP software and scp command. The former is recommended!

## 1. WinSCP software

Install WinSCP software by yourself. Here we mainly introduce how to connect to the Raspberry Pi system based on IP, username and password information.

My current username is pi, password is yahboom, IP address is 192.168.2.93





继续连接未知服务器，并将其主机密钥添加到缓存中吗？

服务器的主机密钥不在缓存中。不能确保该服务器就是你想连的电脑。

服务器Ed25519的密钥明细是：

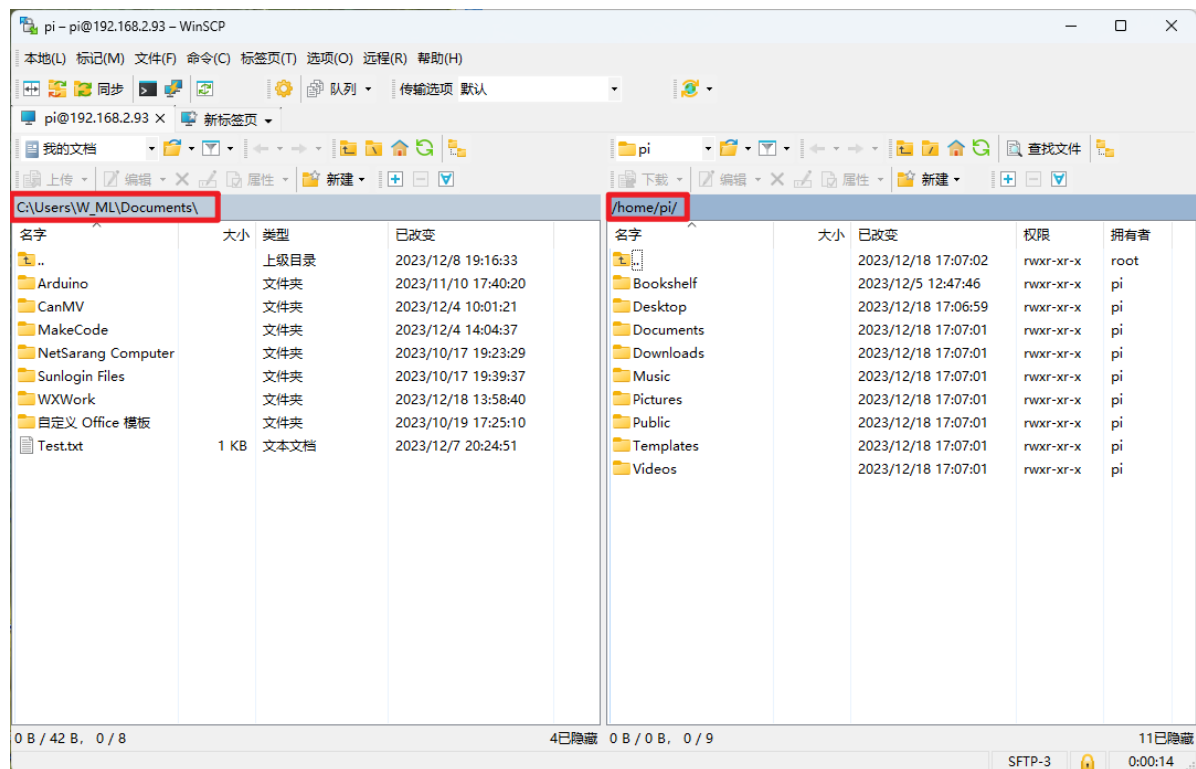
算法: ssh-ed25519 255  
SHA-256: AmyCUFkAYb3rKjKuYS9Jli0b39Pj03CmqWQpxokTOEk  
MD5: ba:7e:d9:3a:dd:22:6c:51:ec:04:a2:37:3f:5b:68:83

如果你信任该主机，按 是。要继续连接但不把主机密钥加入缓存，按 否。要放弃连接按 取消。

将密钥指纹复制到剪贴板(C)

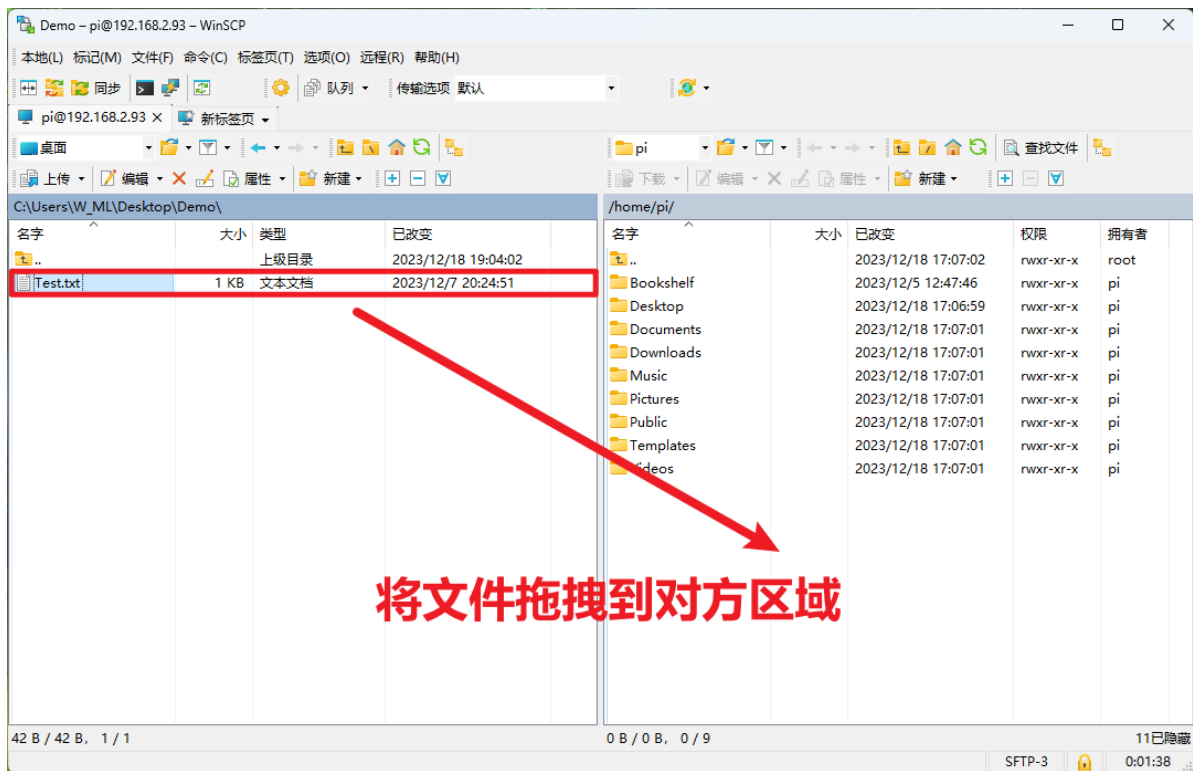
是(Y) 否(N) 取消 帮助(H)

Connection success interface:



## Transfer files

You can directly drag and drop local files to the other area, so that you can copy files; the following demonstration shows how to transfer the Text.txt file to the Raspberry Pi system.



You can directly select the folder on the computer and move it to the other area. You don't have to operate in the software!

## 2. SCP command

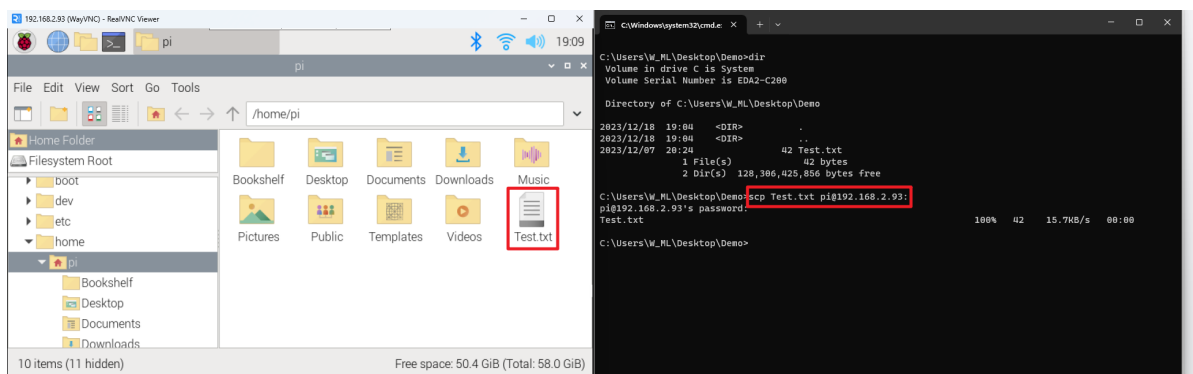
Use the scp command to send files to the Raspberry Pi system through ssh. This operation does not require the help of software, just use the terminal!

My current login username is pi, password is yahboom, IP address is 192.168.2.93

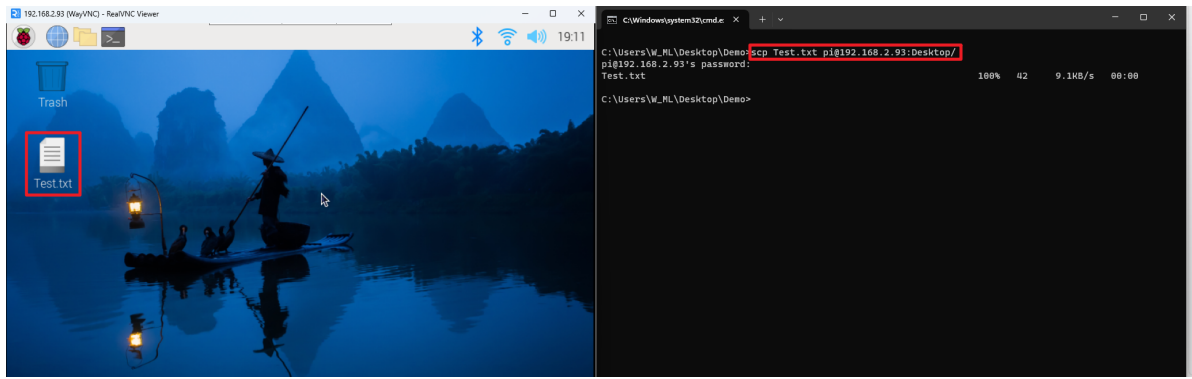
### 1.1. Copy the file to the Raspberry Pi motherboard

Single file copy command: `scp file name username@IP address Test: path`

Copy the file to the user directory: `scp Test.txt pi@192.168.2.93:`



- Copy the file to the desktop: `scp Test.txt pi@192.168.2.93:Desktop/`



## 1.2. Copy files from the Raspberry Pi motherboard to the current computer

Single file copy command: `scp username@IP address: file name`

- Copy the file in the Raspberry Pi system to the current directory of the computer: `scp pi@192.168.2.93:Test.txt .`

Note: The copied file should be in the user directory of the Raspberry Pi system (the copied Test.txt file should be in the pi user directory of the Raspberry Pi)

