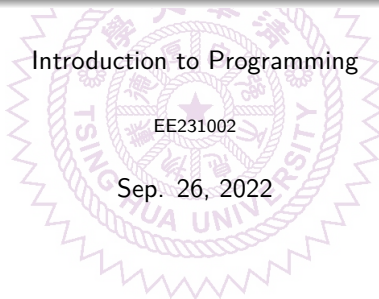


Remote Connection to EE Servers

Introduction to Programming

EE231002

Sep. 26, 2022



Remote Connection to EE Servers

- For linux (ubuntu, etc) or Mac systems
 - No need of new software
 - In a terminal, the following commands can be used
 - `ssh`: for remote login
 - `scp`: for copy files (both download and upload)
- For Windows
 - **MobaXterm**: remote terminal and file transfer
 - Software download
 - Connecting to servers
 - Transfer files
 - **PuTTY**: remote terminal
 - Software download
 - Connecting to servers
 - **FileZilla**: for file transfer
 - Software download
 - Connecting to servers
 - File transfer

MobaXterm – Download

- Download page

<http://mobaxterm.mobatek.net/download-home-edition.html>

Select the version you want to download (installable or portable version)



MobaXterm Home Edition v9.3
(Portable edition)



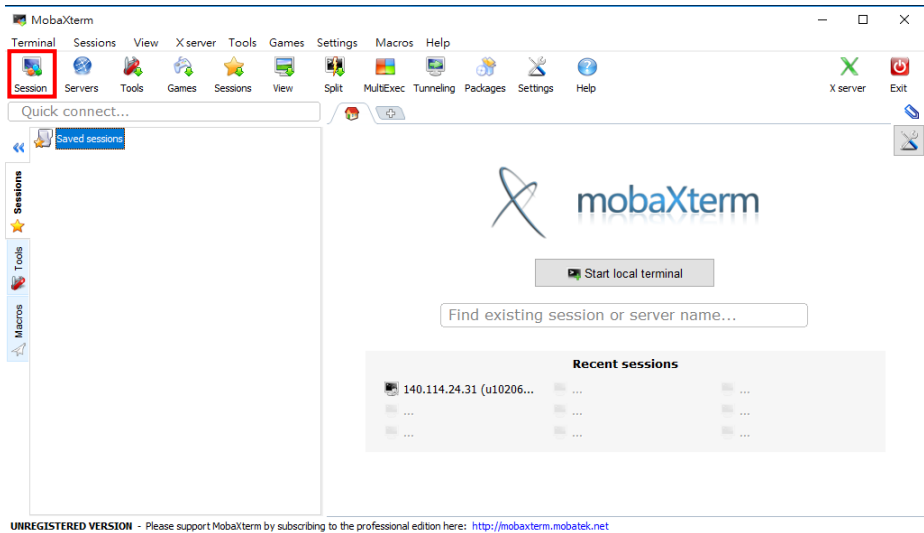
MobaXterm Home Edition v9.3
(Installer edition)

By clicking on the above buttons, you accept [MobaXterm terms and conditions](#)

You can download MobaXterm and plugins sources [here](#)

MobaXterm – Starting

- Open MobaXterm and click **Session**

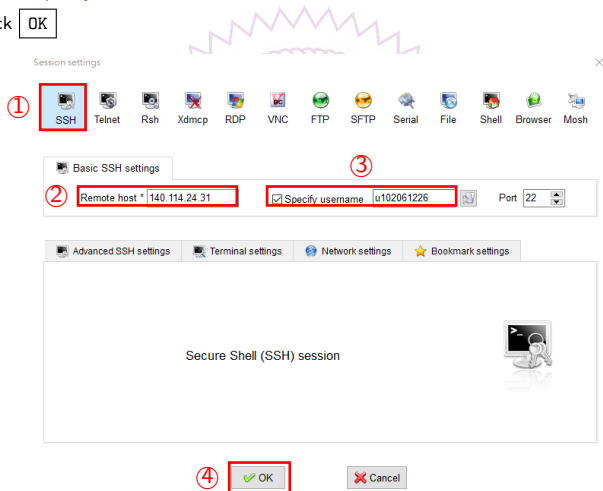


UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <http://mobaxterm.mobatek.net>

MobaXterm – Session

- Open a session

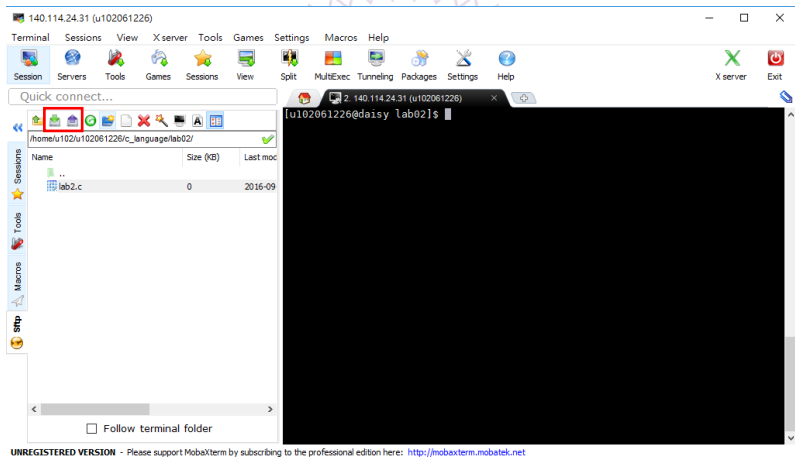
- ① Click **SSH**
- ② Enter NTHU/EE workstation IP
- ③ Enable **Specify username** and enter username
- ④ Click **OK**



MobaXterm – Upload/Download

• File transfer

- Click **upload** to upload files from your PC to the current directory on the workstation
- Click **download** to download files from the current directory on the workstation to your PC



- Download page

<https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

Package files

You probably want one of these. They include all the PuTTY utilities.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

MSI ('Windows Installer')

32-bit: [putty-0.70-installer.msi](#) [\(or by FTP\)](#) [\(signature\)](#)

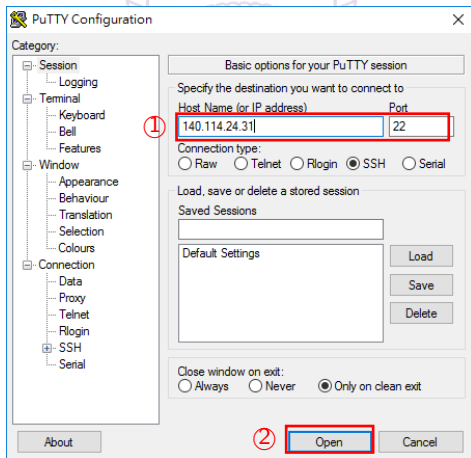
64-bit: [putty-64bit-0.70-installer.msi](#) [\(or by FTP\)](#) [\(signature\)](#)

Unix source archive

.tar.gz: [putty-0.70.tar.gz](#) [\(or by FTP\)](#) [\(signature\)](#)

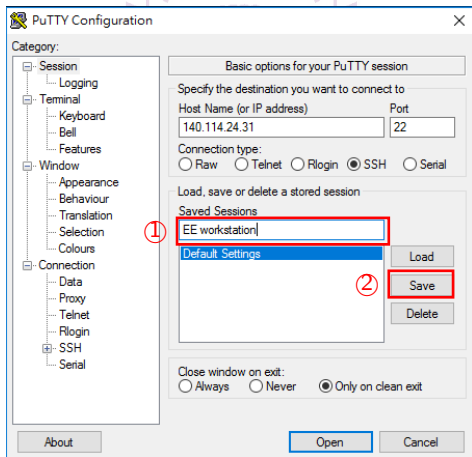
PuTTY – Connecting to EE Workstations

- Open **putty** and connect
 - ① Enter NTHU/EE workstation IP: 140.114.24.31
 - ② Click **Open**



PuTTY – Name a Session

- Save a session
 - ① Enter the name of the session
 - ② Click **Save**



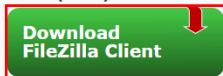
- Download page <https://filezilla-project.org/download.php?type=client>

Download FileZilla Client for Windows (64bit)

The latest stable version of FileZilla Client is 3.21.0

Please select the file appropriate for your platform below.




Windows (64bit)



This installer may include bundled offers. Check below for more options.

The 64bit versions of Windows Vista, 7, 8, 8.1 and 10 are supported.

More download options

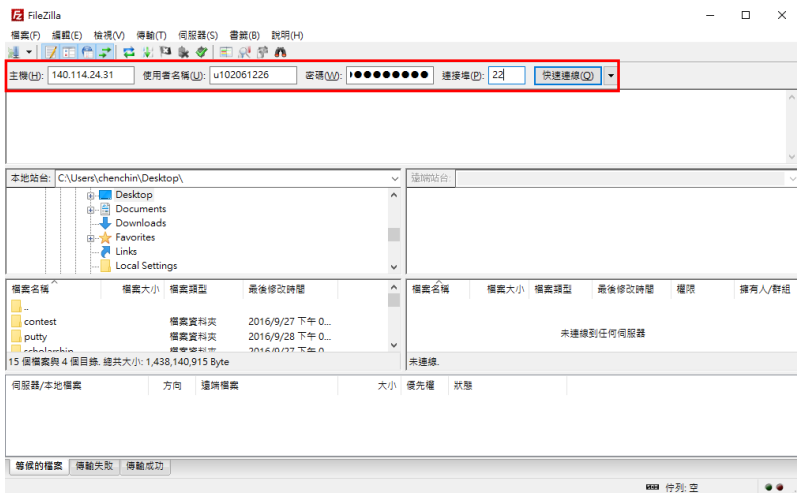
Other platforms:   

Not what you are looking for?

[Show additional download options](#)

FileZilla – Starting

• Start



FileZilla – Upload/Download Files

• File transfer

狀態: 成功取得 "/home/u102/u102061226/c_language/lab02" 的目錄

狀態: 正在刪除 "/home/u102/u102061226/c_language/lab02/lab2.c"

本地站台: C:\Users\chenchin\Desktop\
遠端站台: /home/u102/u102061226/c_language/lab02

local directory
remote directory

upload
download

檔案名稱	檔案大小	檔案類型	最後修改時間	權限	擁有人/群組
Grand Theft Au...	222	檔案			
ic_broschuer_2...	3,232,578	Foxit			
lab2.c	49	C 檔案	2016/9/28 下午 0...		
LINE L...	1,220	檔案	2016/05/16 下午 1...		

選取 1 個檔案. 總共大小: 49 Byte

同服務/本地檔案 | 方向 | 遠端檔案 | 大小 | 優先權 | 狀態

You can do the similar operations on the right hand side to download files from workstation to local