# How to copy files between the Drexel Linux Servers and a Laptop

Dimitra Vista

[dimitra.vista@drexel.edu](mailto:dimitra.vista@drexel.edu)

Drexel University

Included are instructions on how to copy files between your laptop and Drexel University’s Unix servers at tux.cs.drexel.edu

## Mac Users

1. Open a terminal window on your laptop
2. If you want to copy the file foo.txt from tux to your local computer
   1. Use the terminal window to navigate to the directory on your laptop where you want the file added
   2. Execute this command on the terminal window

scp [{user}@tux.cs.drexel.edu:/a/remote/file](mailto:%7buser%7d@tux.cs.drexel.edu:/a/remote/file) /a/local/file

e.g.,

scp [dv35@tux.cs.drexel.edu:/home/dv35/foo.txt foo.txt](mailto:dv35@tux.cs.drexel.edu:/home/dv35/foo.txt%20foo.txt)

* 1. Provide your password to tux to complete the command

1. If you want to copy the file foo.txt from your local computer to tux
   1. Use the terminal window on your laptop to navigate to the directory on your laptop that contains the file
   2. Execute this command on the terminal window

scp /a/local/file {user}@tux.cs.drexel.edu:/a/remote/file

e.g,

scp foo.txt dv35@tux.cs.drexel.edu:/home/dv35

* 1. You will be asked for your password to tux to complete the command

An online reference guide on how to use the scp command can be found here

<https://linuxize.com/post/how-to-use-scp-command-to-securely-transfer-files/>

## Windows Users

Window users have two options but both require a separate download: pscp and WinSCP

### Option 1: pscp

Download pscp (putty secure copy) and follow these instructions

https://it.cornell.edu/managed-servers/transfer-files-using-putty

### Option 2: WinSCP

1. Download WinSCP to move files between your laptop and tux.

<https://winscp.net/eng/index.php>

1. Once you have WinSCP, on the Login in screen, use the following information

File protocol: SCP

Host name: tux.cs.drexel.edu

Port number: 22

User name: <username>

Password: <password>

1. You will see the files on your computer on the left, and on tux on the right.  You can copy paste, etc. between the two.