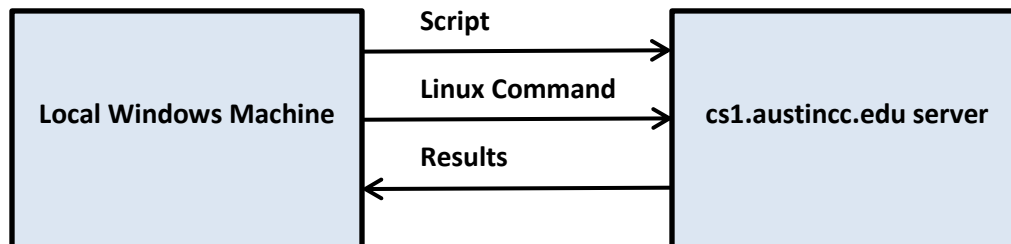


## SOFTWARE TESTING SCRIPTING LABS

Some of the labs in this course require the creation of a script on a local Windows machine, followed by a transfer of that script to a server, then the execution of that script on the server, and finally the transfer of the results back from the server to the local Windows machine.



Secure Shell (**SSH**) is a program to log into another computer over a network, to execute commands in a remote machine, and to move files from one machine to another. It provides strong authentication and secure communications over insecure channels. Once connected, **SFTP** (secure file transfer protocol) is used to transfer files between the two computers ([www.webopedia.com/TERM/S/SSH.htm](http://www.webopedia.com/TERM/S/SSH.htm)).

The program that will be used in this course to support both the SSH and SFTP activity is an open source program called WinSCP. This program has two different ways of being installed. One method requires the code to be installed on each local Windows machine. The other method allows the program to be installed on a flash drive, thus allowing the program to essentially be executed on any Windows machine. This is called the “portable” version and is the version that will be used for this course since it allows the students to do their assignments on virtually any Windows machine.

To download and install this “portable” version on a flash drive, navigate to the following URL <http://winscp.net/eng/download.php>, and select “Portable executables”

### Download WinSCP

#### WinSCP 5.5.4

**Installation package** (5.3 MiB; 423,404 downloads to date)

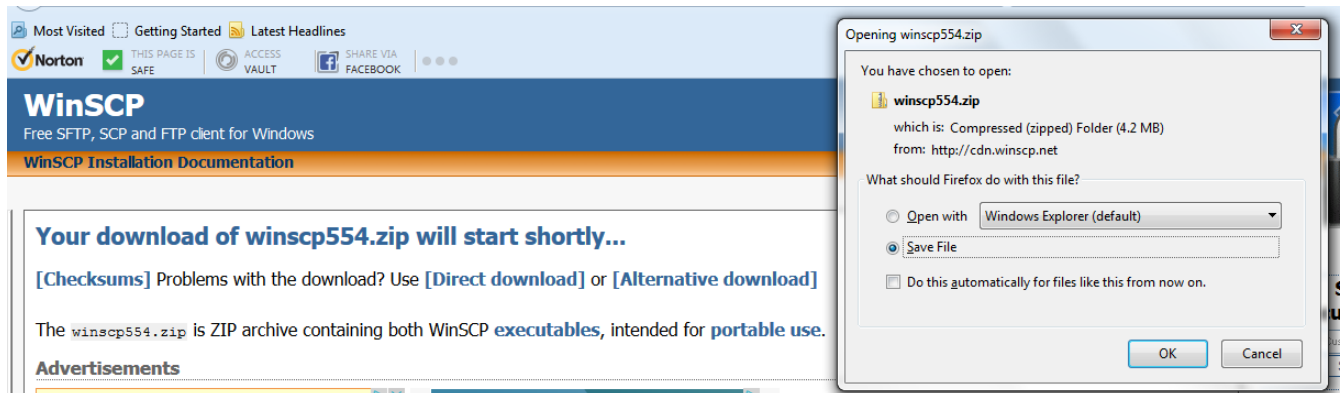
**Portable executables** (4.2 MiB; 92,508 downloads to date)

**.NET assembly / COM library** (0.1 MiB; 6,593 downloads to date)

**Source code** (9.6 MiB; 5,663 downloads to date)

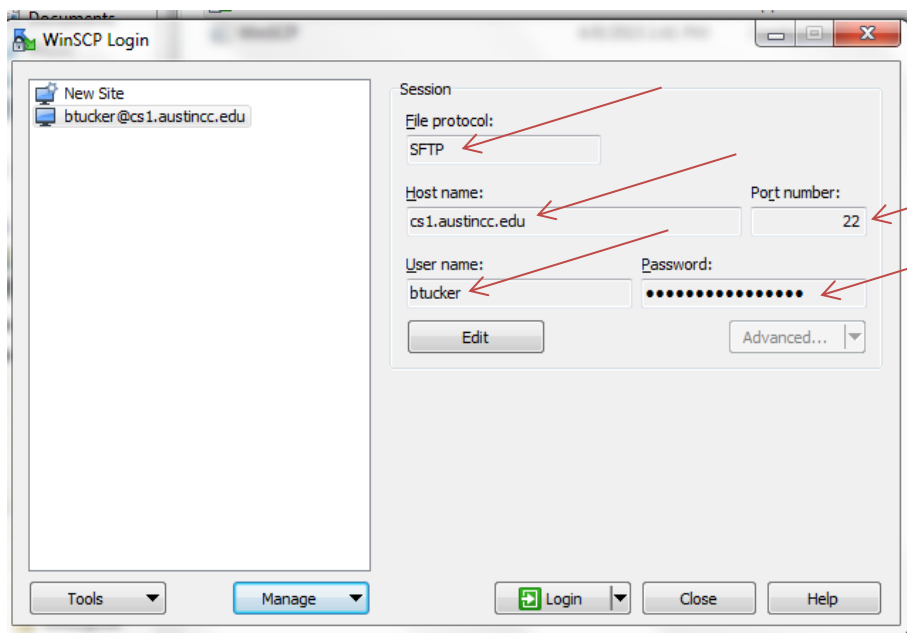
[\[Release Notes, Checksums\]](#) [\[What's New\]](#) [\[Release Notifications\]](#)

A pop up Window will appear, select “Save File” then Click on OK



After the download is complete, there will be a zipped file in your Downloads folder. You will then need to unzip (“Extract”) this onto a flash drive and you have successfully created your Portable version of WinSCP.

To run this portable application open the winscpxxx folder on your flash drive (the xxx represent the version and level of your software), then click on the WinSCP Application (next to the icon) and the WinSCP Login screen will appear.



Each student has been assigned a user ID and password for the **cs1.austincc.edu** server. You will find both your cs1.austincc.edu User name and Password listed in the grades section of Blackboard. Verify that the File protocol reflects SFTP. You will then need to enter your User name, password, Host name (cs1.austincc.edu), and Port number (22) then click “login”.