CS61A SPRING 2009 — QUICK GUIDE TO CONNECTING FROM HOME (WITH WINDOWS)

MIN XU

1. Setting up PuTTY

PuTTY is the basic remote connection client program. You should have this unless you know how to use other remote connection programs.

- (1) Download PuTTY from http://www.chiark.greenend.org.uk/~sgtatham/putty/ Just get putty.exe
- (2) Open PuTTY.exe, no installation is needed.

Set Host Name to h50.cs.berkeley.edu

Set Port to 22

Set Connection type to SSH

You can also give save your settings under a name given in Saved Session blank. Once you hit Save, you can directly access your settings next time you open PuTTY.

Category:		
 Session Logging Terminal Keyboard Bell Features Window Appearance Behaviour Translation Selection Colours Connection Data Proxy Telnet Rlogin SSH Serial 	Basic options for your PuTTY session	
	Specify the destination you want to connect to Host Name (or IP address) Port	
	h50.cs.berkeley.edu	
	Connection type. ⑦ Raw ⑦ Telnet ⑦ Rlogin	
	Load, save or delete a stored session Saved Sessions	
	cs61a	
	Detault Settings cs61a Save Delete	
	Close window on exit:	
About	Open Cancel	

FIGURE 1. Setting for PuTTY

This is all you need if you are OK with just *text-only* interface. You will notice that if you open emacs, you will get a text-based interface. To enable graphical interface, be sure to read section 3.

Date: January 20, 2009.

2. Setting up WinSCP

WinSCP will allow you to transfer files from your home computer to your instructional account.

- (1) Download WinSCP from http://winscp.net/eng/download.php
- (2) Install, nothing tricky here, just go with the default settings for everything.
- (3) Open WinSCP

Set Host Name to h50.cs.berkeley.edu Set Port to 22 Enter Username and Password

You can again save session as before.

(4) The rest should be intuitive, just move files around as you would in windows.

Session	Session Host name: Port number:
Environment Directories SSH Preferences	beer name: h50.cs.berkeley.edu User name: cs61a-tf Private key file:
	Protocol <u>File protocol:</u> SFTP Allow SCP fallback Select color

FIGURE 2. Setting for WinSCP

3. Setting up XMING

XMing will give you graphical support for your remote connection.

- (1) Download XMing from http://sourceforge.net/project/showfiles.php?group_id=156984 Download both Xming and Xming-fonts
- (2) Install both, just go with the default settings again.
- (3) Open Xlaunch

I like the Multiple Window mode, go with whatever style your heart desires Select Start no client

You don't need to change anything on the next two pages.

(4) Tricky step here, open PuTTY

On the left settings bar, Look under Connection

open up more setting options for SSH

Go to X11, Check Enable X11 Forwarding

Enter localhost:O for X display location

Enter Host Name information as per the PuTTY Guide, and connect.

(5) Log in, now try commands like emacs

Category:				
🛄 Logging 🛛 🔺		Options controlling SSH X11 forwarding		
i⊟-Terminal		X11 forwarding		
Keyboard Bell		Enable X11 forwarding		
Features		X display location (localho	ist:0	
■ Window - Appearance B charaitere		Remote X11 authentication protocol MIT-Magic-Cookie-1 XDM-Authorization 		
- Behaviour - Translation - Selection - Colours - Connection - Data - Proxy - Telnet - Rlogin - SSH - Kex - Auth - TTY - X11	1			
- Tunnels	-			

FIGURE 3. Setting for X11 Forwarding