

Linux commands via Xubuntu

Exercises

(see richardcondit.org/workshops/Linux for copy of these exercises)

1. Find the home folder on your computer
 - a. Open a terminal (control-t or main menu of xubuntu)
 - b. Type pwd and write down what you see

2. Review: files and folders in Xubuntu
 - a. Enter Documents folder
 - b. Open and save a file using Abiword
 - c. Close file
 - d. Check the home folder and look in Documents

3. Create a new folder using your name and move your new file there
 - a. Use mkdir from terminal
 - b. Make sure it's directly under home folder (not under Documents)
 - c. Use mv to move the Abiword file into your new folder

4. Software installation with command-line
 - a. Install the package named *tree*
 - b. Run tree from home folder
 - c. Read help on the *tree* program

5. Side by side GUI and terminal
 - a. Open xubuntu Files (the GUI) to view folders under home
 - b. Open a terminal window
 - c. Reshape them so both are visible

6. Editor nano
 - a. Open a file with nano
 - b. Type a few basic commands you want to remember, save and quit
 - c. Open a new file
 - d. Type some basic nano commands, save and quit
 - e. Create two new directories and copy one file into each

Command-line use with your Freegeek Computer

7. Capture and explore screen output
 - a. List all installed packages
 - b. List them again into a new file
 - c. Check top lines of the file (*head*)
 - d. Explore file with *more*
 - e. Count lines of file (*wc*): How many packages are installed?
 - f. Explore file with nano

8. Disk size and memory
 - a. Use *df* to find available space on hard drive
 - b. Use *free* to find available memory

9. Update software
 - a. Search google for command to update software on Ubuntu/Xubuntu
 - b. Run it