



## Introduction to the SC RTP desktop

### Part 1 - Basics of the command line

#### Commands are given in backticks, like ``ls``

- Open a terminal window and then try ``ls``
- You should see some folders, including Documents. If not, try ``cd`` and then ``ls`` again.
- Change to the Documents folder with ``cd`` and then make a directory using ``mkdir`` with any name you wish. Change into that directory.
- Try ``pwd`` to see your current directory. This should give output like `'home/[group]/[username]'` What is your group and username?
- Change to any directory you have with files in and try ``ls -lh``. Can you identify which items are files and which (if any) are directories?
- Change back to home (``cd`` or ``cd ~``) and try ``ls -a``. Do you see a `'ssh'` directory? You'll need that when you come to access remote machines later.
- Pick a command-line editor. Try creating some files and saving them. If you choose vim, try lesson 1 of the vimtutor.
- Take one of the files you just created and create a copy with ``cp``. Rename the copy with ``mv``. If you haven't already, try using tab-completion to fill in the file names.
- List your current directory. Do any files have similar names? Can you list files by file extension? (Hint ``ls *.txt``)
- Open some of those files again and type some words, for example animal names. Try finding all instances of one of your chosen words with ``grep``