Introduction to the SCRTP desktop

Part 3 - Accessing remote machines

Commands are given in backticks, like `ls`. The following assume you are using an SCRTP desktop, a Linux machine, or a Mac.

- Try using `ssh` to access another machine. If you have a SCRTP desktop you can try godzilla.csc.warwick.ac.uk. If you have access to Orac or Tinis, try those. Otherwise try using a machine IP (address) of "127.0.0.1" , which denotes the current machine.

- Pay special attention to any Welcome message displayed.

- Use `ssh -X` and open a graphical program (such as Gedit) on the remote machine. Does the window forward correctly?

- Create an rsa key using `ssh-keygen -t rsa -b 4096` (see also here). Be careful not to overwrite an existing key.

- (If you want to use keys to access SCRTP machines) Follow the instructions here. Once your key is on the SCRTP machines, try using ssh to access them. Make sure you are not prompted for your password. If you used a name other than 'id_rsa' for your key, note the instruction about the '-i' option.

- Use `scp` to copy a file to a remote machine. Be careful to remember the ':' or you will instead create a file called, for example, username@godzilla.

- Try using `curl` to fetch this link. Notice that the page is just printed into your console window. Use a pipe as described here to put it into a file instead. Hint: highlight or copy the next lines to see the command.

- Examine the file with your favourite text editor.