



Some References

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Topics:

- vi cheat sheet
- Escape characters / sequences
- Other terminal emulators:
 - PuTTY
 - Chrome Secure Shell
 - MobaXterm

vi cheat sheet

- [Graphical vi-vim Cheat Sheet and Tutorial](#)
- [vi intro -- the cheat sheet method](#)
- http://www.atmos.albany.edu/daes/atmclasses/atm350/vi_cheat_sheet.pdf
- [VI Help Sheet 01 - VI-Help-Sheet-011.pdf](#)
- Reasons for using vim
<http://www.viemu.com/a-why-vi-vim.html>

Escape Characters

Table B.2: Escape Characters in C++

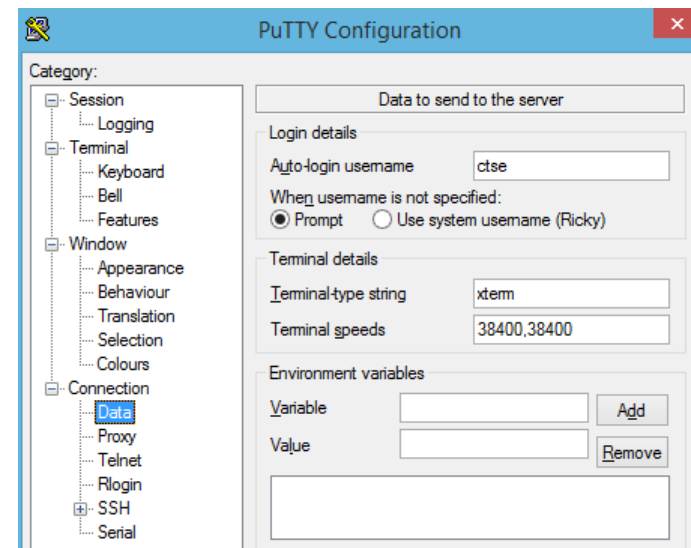
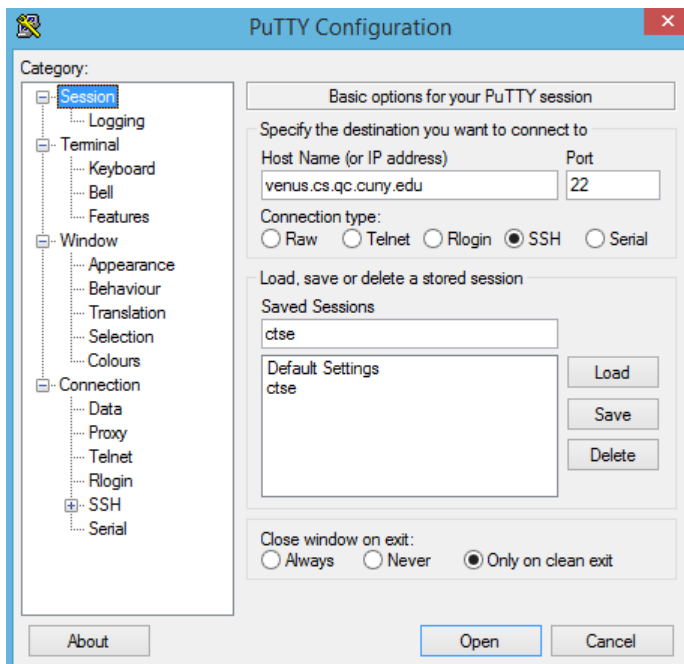
ESCAPE CHARACTER	MEANING
<code>'</code>	Literal single quotation mark.
<code>"</code>	Literal double quotation mark. (This is necessary, because otherwise a quotation mark is recognized as terminating the string literal.)
<code>\\</code>	Literal backslash.
<code>\a</code>	Bell.
<code>\b</code>	Backspace.
<code>\f</code>	Form feed.
<code>\n</code>	Newline.
<code>\r</code>	Carriage return.
<code>\t</code>	Horizontal tab.
<code>\v</code>	Vertical tab.
<code>\nnn</code>	ASCII character corresponding to number nnn, where nnn is an octal number (base 8).
<code>\xhh</code>	ASCII character corresponding to number hh, where hh is a hexadecimal number (base 16).

(from Appendix B of C++ Without Fear)

Also, please check Display 1.4 in “Absolute C++”.

PuTTY

- <http://www.chiark.greenend.org.uk/~sgtatham/putty/> or <http://www.putty.org/>



PuTTY

- PuTTY Color Settings

PuTTY Configuration

Category:

- Session
 - Logging
- Terminal
 - Keyboard
 - Bell
 - Features
- Window
 - Appearance
 - Behaviour
 - Translation
 - Selection
 - Colours
- Connection
 - Data
 - Proxy
 - Telnet
 - Rlogin
 - SSH
 - Serial

Options controlling use of colours

General options for colour usage

- Allow terminal to specify ANSI colours
- Allow terminal to use xterm 256-colour mode

Indicate bolded text by changing:

- The font
- The colour
- Both

- Attempt to use logical palettes
- Use system colours

Adjust the precise colours PuTTY displays

Select a colour from the list, and then click the Modify button to change its appearance.

Select a colour to adjust:

- Default Foreground
- Default Bold Foreground
- Default Background
- Default Bold Background
- Cursor Text
- Cursor Colour
- ANSI Black

RGB value:

- Red: 165
- Green: 5
- Blue: 37

Modify

About Open Cancel

```
ctse@venus:~/111/practice/lab02
#include <iostream>
using namespace std;

int main () {
    cout << "Hi,"; //printing Hi
    cout << " there!" << endl;
    cout << "Please enter your name." << endl;
    string name;
    cin >> name;
    cout << "You entered: " << name << endl;
    return 0;
}
```

Chrome Secure Shell

> BETA_

- [Secure Shell - Chrome Web Store](#)

Secure Shell

The screenshot shows the Chrome Secure Shell connection configuration interface. At the top, it displays "[New Connection]" and the current connection details: "ctse@venus.cs.qc.cuny.edu" and "ctse@venus.cs.qc.cuny.edu:22". Below this is a scrollable area containing several input fields: a large text field for the full host address "ctse@venus.cs.qc.cuny.edu", three smaller text fields for the username "ctse", host "venus.cs.qc.cuny.edu", and port "22", a text field for "SSH relay server options", a dropdown menu for "Identity" set to "[default]" with an "Import..." button, a text field for "SSH Arguments" containing "extra command line arguments", and a text field for "Current profile" set to "default". At the bottom, there are three buttons: "[DEL] Delete", "Options", and "[ENTER] Connect".

[New Connection] **ctse@venus.cs.qc.cuny.edu**
ctse@venus.cs.qc.cuny.edu ctse@venus.cs.qc.cuny.edu:22

ctse@venus.cs.qc.cuny.edu

ctse venus.cs.qc.cuny.edu 22

SSH relay server options

Identity: [default] Import...

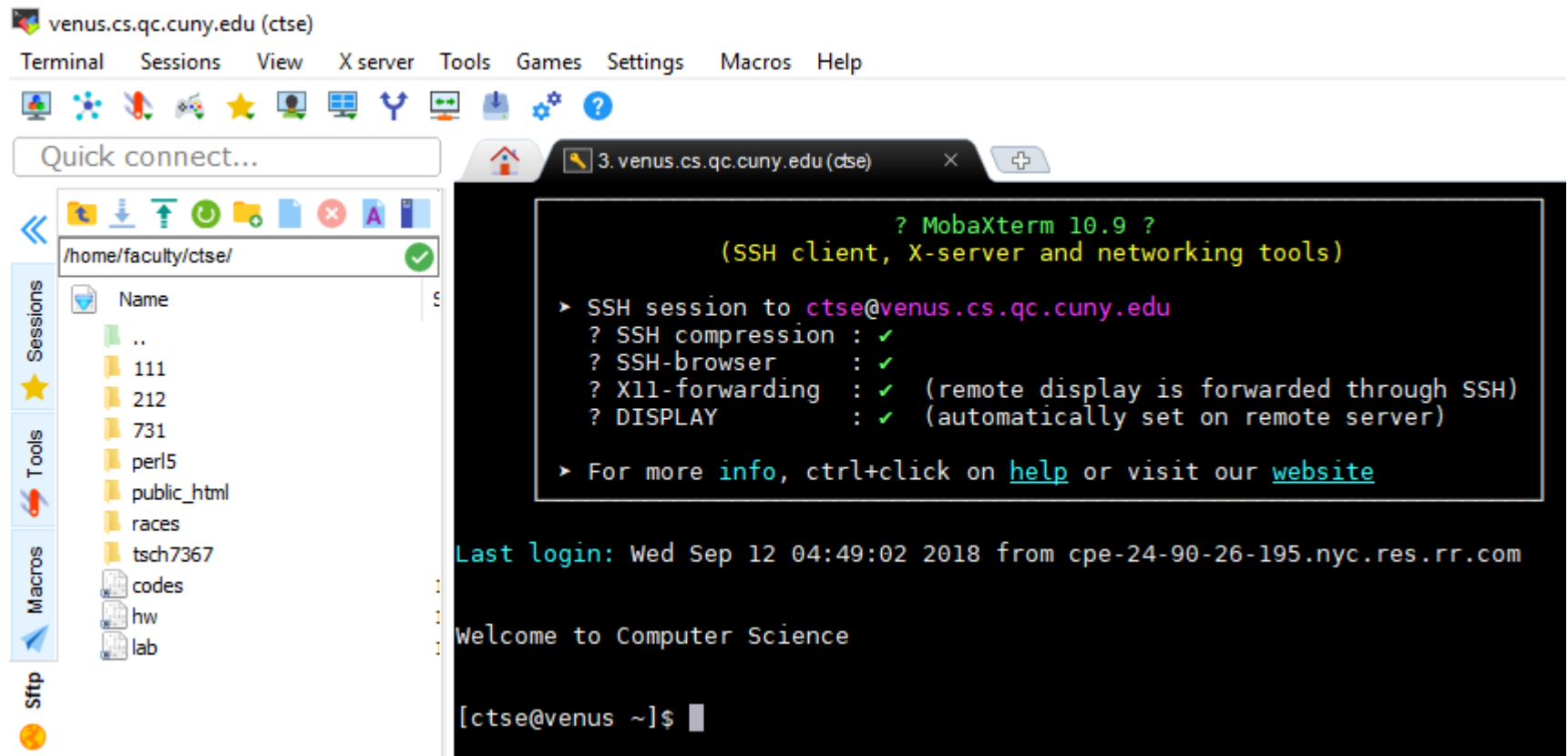
SSH Arguments: extra command line arguments

Current profile: default

[DEL] Delete Options [ENTER] Connect

MobaXterm

- MobaXterm Xserver with SSH, telnet, RDP, VNC and X11 - Home Edition



venus.cs.qc.cuny.edu (ctse)

Terminal Sessions View X server Tools Games Settings Macros Help

Quick connect...

3. venus.cs.qc.cuny.edu (ctse)

? MobaXterm 10.9 ?
(SSH client, X-server and networking tools)

- ▶ SSH session to `ctse@venus.cs.qc.cuny.edu`
- ? SSH compression : ✓
- ? SSH-browser : ✓
- ? X11-forwarding : ✓ (remote display is forwarded through SSH)
- ? DISPLAY : ✓ (automatically set on remote server)

▶ For more [info](#), ctrl+click on [help](#) or visit our [website](#)

Last login: Wed Sep 12 04:49:02 2018 from cpe-24-90-26-195.nyc.res.rr.com

Welcome to Computer Science

[ctse@venus ~]\$