**Bash Shell[[1]](#endnote-1) – 9-Jan-2017**

Determine the current shell: echo $0

Exit the shell: exit

Buffer manipulation:

*copy* highlight with mouse-click and drag

*paste* click middle-mouse-button

*scroll* use wheel on mouse (or SHIFT-Page-UP, SHIFT-PAGE-Down keys)

clear or reset clears screen buffer

History – stores all recent commands

history list all commands saved in the history file

up, down arrow keys page through the previous commands one at a time.

left, right arrow keys move thru the current command line one character at a time.

CTRL-left, CTRL-right move thru the current command line one word at a time.

CTRL-a, CTRL-e go to the start or end of the current command line.

!! execute the previous command again

!n execute the nth command in the history (e.g., !3)

Configuration files – see the FILES section of the bash man page (man bash).

printenv display all environment variables and their current values

File name completion

Type the unique start of a file name, hit tab to complete the name.

Redirection – change the meaning of stdin, stdout, and stderr

| Send the stdout of one process to the stdin of another process (*pipe*)

> Redirect stdout to a file. If the file exists it will be overwritten.

>> Append stdout to a file. The original contents of the file is retained.

< Get stdin from a file.

&> Redirect both stdout and stderr to a file

Aliases – create commands with preset options, for example

alias list all of the currently defined aliases

alias ll='ls –alF'

alias la='ls –A'

alias l-'ls –CF'

1. To change the font in an xTerm, CTRL--right-mouse-button [↑](#endnote-ref-1)