Bash Cheatsheet

Directory Commands

cd .... Change current working directory.
cd - .... Return to prev working directory.
.. .. Represents parent of current directory.
. ... Represents current working directory.
pwd Print name of current/working directory.
mkdir .... Make a new directory.
rmdir .... Remove empty directory.
rm .... Remove file or directory.

File Commands

ls .... List information about files.
ls -la List detailed information about all files.
touch .... Change file timestamps.
mv .... Move a file OR rename a file.
cat .... Concatenate files and print to stdout.
more .... View file one page at a time.
less ... Enhanced version of **more** command.
which .... Find where program is located.
whereis .... Like **which**, but broader results.
whatis .. Get short description of a program.
xdg-open ... Open file with default program.

System Commands

^D ... End process (more graceful than ^C).
^C .... Kill the current process.
top .... Display system processes.
[program] > [file] Redirect program output to file (overwrites).
[program] »[file] .... Append output to file.
[program1] | [program2] Make output from program1 input to program2

Navigation

<tab> .... Auto-completes user input.
<up/down arrow> .... Cycle through command history.
^R Reverse search through command history.
clear .... Clears terminal view (also ^l)
apropos .... Search for commands whose description contains a certain term.
!! ...... Run immediately previous command.
![str] ... Run last command starting with str.
[cmd1] ; [cmd2] .... Run cmd1, then cmd2.
man .... Access the system manual pages.

Misc Commands

echo .... Displays a line of text
history .... Lists all previous commands

Legend

^ .... Abbreviation for Ctrl
<keyboard_ button> . Denotes button on keyboard
[user_ input] Denotes user input of a given kind
cwd .. Stands for Current Working Directory

Example .bashrc files

- `https://crunchbang.org/forums/viewtopic.php?id=1093`

- `http://tldp.org/LDP/abs/html/sample-bashrc.html`

Other Links and Information
Bash Scripting:

- `http://ryanstutorials.net/bash-scripting-tutorial/bash-script.php`

- `http://tldp.org/HOWTO/Bash-Prog-Intro-HOWTO.html`

Shells:

- `https://en.wikipedia.org/wiki/Shell_(computing)`

- `https://www.ibm.com/developerworks/library/l-linux-shells/`