LINUX VIM COMMANDS CHEATSHEET

NAVIGATION

h	Move left	H	Top line on screen
j	Move down	M	Middle line on screen
k	Move up	L	Bottom line on screen
l	Move right		
10j	Move down 10 lines	e	The end of current word
		b	Beginning of current word
gg	First line of the file	w	Beginning of next word
G	Last line of the file		
:20	Line 20 of the file		
0	Beginning of current line		
^	First non-whitespace character of current line		
$	End of current line		
%	Move to matching parenthesis, bracket or brace		

The left, right, up and down arrow keys can also be used to navigate.

EDITING

i	Insert before current character
a	Insert after current character
I	Insert at the first non-whitespace character of the line
o	Insert a line below the current line, then enter insert mode
O	Insert a line above the current line, then enter insert mode
r	Overwrite one character and return to command mode
U	Undo
Ctrl+R	Redo

OPENING, CLOSING AND SAVING FILES

:w	Save the current file
:wq	Save the current file and close it; exits vim if no open files remain
:w newname	Save a copy of the current file as 'newname,' but continue editing the original file
:sav newname	Save a copy of the current file as 'newname' and continue editing the file 'newname'
:q!	Close a file without saving
:e somefile	Opens file in the current buffer
:x	Write any changes to the file and close the file

MODE SWITCHING

i	Enter insert mode
:	Enter command mode
R	Enter replace mode
v	Enter visual mode (highlighting)
V	Enter visual line mode (highlighting lines)
esc	Return to normal mode from insert or replace mode
esc+esc	Return to normal mode from command or visual mode

COPY/PASTING

Within vim

y	Yank
c	'Change'; cut and enter insert mode
C	Change the rest of the current line
d	Delete; cut but remain in normal mode
D	Delete the rest of the current line
p	Paste after the cursor
P	Paste before the cursor
x	Delete characters after the cursor
X	Delete characters before the cursor

Copy/paste commands operate on the specified range. If in visual mode, that range is the highlighted text. If in normal mode, that range is specified by a series of modifiers to the commands:

cw	Change one word
c4w	Change four words
c4l	Change four letters
cc	Change current line
4x	Change four characters after the cursor
4p	Paste five times after the cursor.

Modifiers work similarly for cut, delete, yank and paste.

FROM SYSTEM CLIPBOARD

:set paste	Enter paste mode
:set nopaste	Exit paste mode
Ctrl+Shift+V	Paste into file, if in paste mode; Command+Shift+V for Mac

REPLACE

:s/foo/bar/	Replace the first occurrence of foo on the current line with bar
:[range]s/foo/bar/[flags]	Replace foo with bar in range according to flags

Ranges

%	The entire file
'<,'>	The current selection; the default range while in visual mode
25	Line 25
25,50	Lines 25-50
$	Last line; can be combined with other lines as in '50,$'
.	Current line; can be combined with other lines as in '.,50'
,+2	The current lines and the two lines therebelow
-2,	The current line and the two lines thereabove

FLAGS

g	Replace all occurrences on the specified line(s)
i	Ignore case
c	Confirm each substitution

REGULAR EXPRESSIONS

Both vim's find and replace functions accept regular expressions. By default, vim assumes that some characters are part of a regular expression and these characters must be escaped with '\' to be searched for; these characters are: (,), *, ., ^, $. Other regular expression patterns are interpreted literally by default and must be escaped to be used as a part of a regular expression; these include +.

SEARCH

*	Find the next instance of the current word
#	Find the previous instance of the current word
n	Find the next instance of the word being searched for, in the direction specified by the last use of {*,#}
N	Find the previous instance of the word being searched for, in the direction specified by the last use of {*,#}
/word	Find the next occurrence of 'word'
/word\c	Find the next occurrence of 'word', ignoring case ('\c' can appear anywhere in the sequence being searched for)
/\<word\>	Find the next occurrence of the word 'word', where 'word' is bounded by word boundaries (ex. space, dash)
:noh	Un-highlight words

HANDY TRICKS

~	Toggle case of character beneath the cursor
xp	Transpose current character with that to its right
J	Join the current line and the line beneath it
:Ni!	Receive inquiry about shrubberies
:help	View vim help file
:help foo	View vim help entry on 'foo'

RESOURCES (OTHER THAN GOOGLE)

A wiki dedicated to vim.

http://vim.wikia.com/