VIM Cheatsheet

Stu Field

Movement	
h	move left
j	move down
k	move up
l	move right
w	jump by start of words (punctuation considered words)
W	jump by words (spaces separate words)
e	jump to end of words (punctuation considered words)
E	jump to end of words (no punctuation)
b	jump backward by words (punctuation considered words)
B	jump backward by words (no punctuation)
0	(zero) start of line
ctrl+u	page up
ctrl+d	page down
^	first non-blank character of line
$	end of line
G	Go To command (prefix with number $\rightarrow$ 5G goes to line 5)

Editing	
r	replace a single character (does not use insert mode)
J	join line below to the current one
cc	change (replace) an entire line
cw	change (replace) to the end of word
c$	change (replace) to the end of line
s	delete character at cursor and substitute text
S	delete line at cursor and substitute text (same as cc)
xp	transpose two letters (delete and paste, technically)
u	undo
.	repeat last command

Insert Mode	
i	start insert mode at cursor
I	insert at the beginning of the line
a	append after the cursor
A	append at the end of the line
o	open (append) blank line below current line (no need to press return)
O	open blank line above current line
ea	append at end of word
Esc	exit insert mode

Visual Mode	
v	start visual mode, mark lines, then do command (such as y-yank)
V	start Line-wise visual mode
o	move to other end of marked area
ctrl+v	start visual block mode
O	move to Other corner of block
aw	mark a word
ab	a () block (with braces)
aB	a {} block (with brackets)
ib	inner () block
iB	inner {} block
Esc	exit visual mode

Visual Commands	
¿	shift right
¡	shift left
y	yank (copy) marked text
d	delete marked text
~	switch case

Cut & Paste	
yy	yank (copy) a line
yl	yank character under cursor
2yy	yank 2 lines
yw	yank word
y$	yank to end of line
p	put (paste) the clipboard after cursor
P	put (paste) before cursor
dd	delete (cut) a line
dw	delete (cut) the current word
x	delete (cut) current character

Exiting	
:w	write (save) the file, but don't exit
:wq	write (save) and quit
:q	quit (fails if anything has changed)
:q!	quit and throw away changes

Search & Replace	
/pattern	search for pattern
?pattern	search backward for pattern
n	repeat search in same direction
N	repeat search in opposite direction
:%s/old/new/g	replace all *old* with *new* throughout file
:%s/old/new/gc	replace all *old* with *new* throughout file with confirmations

Multiple Files	
:e filename	Edit a file in a new buffer
:bnext (or :bn)	go to next buffer
:bprev (of :bp)	go to previous buffer
:bd	delete a buffer (close a file)
:sp filename	Open a file in a new buffer and split window
ctrl+ws	Split windows
ctrl+ww	switch between windows
ctrl+wq	Quit a window
ctrl+wv	Split windows vertically

VI Spell Check	
:set spell	Turn on spell checking
]s	Go to next misspelled word
[s	Go to previous misspelled word
]S	like `]s` but only stop at bad words not rare words
zg	Add word as a good word and append to '`spellfile`'
zG	Add word to internal spell list
zug	Remove word from '`spellfile`'
zuG	Remove word from internal spell list
z=	List suggestions for misspelled word
:set spell spelllang=en_us	Set region dictionary (us, ca, gb, de_de, de_at, de_ch)
:set nospell	Turn off spell checking

PopD/PushD	
dirs	list the directory stack
dirs -p	list the directory stack, each on a new line
dirs -c	clear the directory stack
pushd dir	add directory to the top of the stack and switch to that dir
pushd -n dir	add directory to the top of the stack and suppress dir switch
pushd	switch 1st and 2nd dirs in stack
pushd -N	bring Nth (from bottom) stack entry to top, rotates rest, zero indexing
pushd +N	bring Nth (from top) stack entry to top, rotates rest, zero indexing
popd	pop top dir off the stack and switch to new 1st in stack
popd +N	remove the Nth stack entry from the top
popd -N	remove the Nth stack entry from the bottom
	popd +0 == popd
	popd -0 removes bottom dir in stack

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