



## Vi Quick Reference

### Words, sentences, paragraphs

<b>w</b>	word forward
<b>W</b>	... ignore punctuation
<b>b</b>	word backwards
<b>B</b>	... ignore punctuation
<b>e</b>	end of word
<b>E</b>	... ignore punctuation
<b>)</b>	sentence forward
<b>(</b>	sentence backwards
<b>}</b>	paragraph forward
<b>{</b>	paragraph backward

### Line positioning

<b>H</b>	home window line
<b>L</b>	last window line
<b>M</b>	middle window line
<b>+</b>	next line, at first non-white
<b>-</b>	previous line, at first non-white
<b>↓</b> or <b>j</b>	next line, same column
<b>↑</b> or <b>k</b>	previous line, same column

### Marking and returning

<b>``</b>	previous place in file
<b>''</b>	... at first non-blank in line
<b>mx</b>	mark position with letter <i>x</i>
<b>`x</b>	to mark <i>x</i>
<b>^x</b>	... at first non-blank in line

### Scanning pattern formation

<b>/pattern</b>	next line matching "pattern"
<b>?pattern</b>	... find backwards
<b>^</b>	beginning of line
<b>\$</b>	end of line
<b>.</b>	any character
<b>*</b>	any number of preceding
<b>.*</b>	matches anything or nothing
<b>\&lt;</b>	beginning of word
<b>\&gt;</b>	end of word
<b>[abc]</b>	a single char ( <i>a</i> or <i>b</i> or <i>c</i> )
<b>[^abc]</b>	... any char except <i>a</i> or <i>b</i> or <i>c</i>
<b>[x-y]</b>	... between <i>x</i> and <i>y</i>

### Positioning within file

<b>^F</b>	forward one screenfull
<b>^B</b>	backward one screenfull
<b>^D</b>	scroll down half screen
<b>^U</b>	scroll up half screen
<b>^E</b>	scroll window down 1 line
<b>^Y</b>	scroll window up 1 line
<b>G</b>	goto line (end default)
<b>10G</b>	goto 10th line in file
<b>/pattern</b>	next line matching <i>pattern</i>
<b>?pattern</b>	prev line matching <i>pattern</i>
<b>n</b>	repeat last / or ?
<b>N</b>	reverse last / or ?
<b>%</b>	find matching ( ) { or }
<b>]]</b>	next section/function
<b>[[</b>	previous section/function

### Adjusting the screen

<b>^L</b>	clear and redraw messy screen
<b>^R</b>	retype, eliminate @ lines
<b>zCR</b>	redraw, current at window top
<b>z-</b>	... at bottom
<b>z.</b>	... at center
<b>zn.</b>	use <i>n</i> line window

### Miscellaneous operations

<b>C</b>	change rest of line
<b>D</b>	delete rest of line
<b>Y</b>	yank lines
<b>s</b>	substitute chars
<b>J</b>	join lines
<b>x</b>	delete characters
<b>X</b>	... before cursor

### Yank and put

<b>p</b>	put back lines
<b>P</b>	put before
<b>"xy</b>	yank (copy) to buffer <i>x</i>
<b>"xd</b>	delete into buffer <i>x</i>
<b>"xp</b>	put from buffer <i>x</i>

NOTE: the yank and delete commands above are followed by a cursor movement command to specify what will be yanked or deleted. (see Operators section)

### Initializing VI options

<b>set option</b>	enable option
<b>set nooption</b>	disable option
<b>set option=value</b>	give value <i>val</i>
<b>set all</b>	show all options
<b>set</b>	show changed options

### Useful options

<b>autoindent</b>	ai	supply indent
<b>autowrite</b>	aw	write before changing files
<b>ignorecase</b>	ic	in scanning
<b>lisp</b>		( ) { } are s-exp's
<b>list</b>		print ^I for tab, \$ at end
<b>magic</b>		. [ * special in patterns
<b>number</b>	nu	number lines
<b>paragraphs</b>	para	macro names which start ...
<b>redraw</b>		simulate smart terminal
<b>scroll</b>		command mode lines
<b>sections</b>	sect	macro names ...
<b>shiftwidth</b>	sw	for < >, and input ^D
<b>showmatch</b>	sm	to ) and } as typed
<b>window</b>		visual mode lines
<b>wrapscan</b>	ws	around end of buffer?
<b>wrapmargin</b>	wm	automatic line splitting