

# vi / vim graphical cheat sheet

**Esc**  
normal  
mode

~ toggle case	! external filter	@ play macro	# prev ident	\$ eol	% goto match	^ "soft" bol	& repeat :s	* next ident	( begin sentence	) end sentence	_ "soft" bol down	+ next line
\ goto mark	1	2	3	4	5	6	7	8	9	0 "hard" bol	- prev line	= auto <sup>3</sup> format
Q ex mode	W next WORD	E end WORD	R replace mode	T back 'till	Y yank line	U undo line	I insert at bol	O open above	P paste before	{ begin parag.	}	end parag.
q record macro	w next word	e end word	r replace char	t 'till	y yank <sup>1,3</sup>	u undo	i insert mode	o open below	p paste <sup>1</sup> after	[ misc	]	misc
A append at eol	S subst line	D delete to eol	F "back" find ch	G eof/ goto ln	H screen top	J join lines	K help	L screen bottom	: ex cmd line	" reg. <sup>1</sup> spec	bol/ goto col	
a append	s subst char	d delete <sup>1,3</sup>	f find char	g extra <sup>6</sup> cmds	h ←	j ↓	k ↑	l →	: repeat t/T/f/F	' goto mk. bol	\ not used!	
Z quit <sup>4</sup>	X back-space	C change to eol	V visual lines	B prev WORD	N prev (find)	M screen mid'l	< un-indent <sup>3</sup>	> indent <sup>3</sup>	? find (rev.)			
Z extra <sup>5</sup> cmds	X delete char	c change <sup>1,3</sup>	v visual mode	b prev word	n next (find)	m set mark	, reverse t/T/f/F	. repeat cmd	/ find			

<b>motion</b>	moves the cursor, or defines the range for an operator
<b>command</b>	direct action command, if <b>red</b> , it enters insert mode
<b>operator</b>	requires a motion afterwards, operates between cursor & destination
<b>extra</b>	special functions, requires extra input
q.	commands with a dot need a char argument afterwards
bol	= beginning of line, eol = end of line, mk = mark, yank = copy
words:	<u>quux</u> ( <u>foo</u> , <u>bar</u> , <u>baz</u> );
WORDS:	<u>quux</u> ( <u>foo</u> , <u>bar</u> , <u>baz</u> );

**Main command line commands ('ex'):**  
:w (save), :q (quit), :q! (quit w/o saving)  
:e f (open file f),  
:%s/x/y/g (replace 'x' by 'y' filewide),  
:h (help in vim), :new (new file in vim),

**Other important comands:**  
CTRL-R: redo (vim),  
CTRL-F/-B: page up/down,  
CTRL-E/-Y: scroll line up/down,  
CTRL-V: block-visual mode (vim only)

**Visual mode:**  
Move around and type operator to act on selected region (vim only)

## Notes:

- (1) use "x before a yank/paste/del command to use that register ('clipboard') (x=a..Z,\*) (e.g.: "ay\$ to copy rest of line to reg 'a')
- (2) type in a number before any action to repeat it that number of times (e.g.: 2p, d2w, 5i, d4j)
- (3) duplicate operator to act on current line (dd = delete line, >> = indent line)
- (4) ZZ to save & quit, ZQ to quit w/o saving
- (5) zt: scroll cursor to top, zb: bottom, zz: center
- (6) gg: top of file (vim only), gf: open file under cursor (vim only)

For a graphical vi/vim tutorial & more tips, go to [www.viemu.com](http://www.viemu.com) - home of ViEmu, vi/vim emulation for Microsoft Visual Studio

<C-o>	Go back
<C-i>	Go forward
:k	mark
`{a-z}	goto mark
:!	Execute external command
%s/old/new/gc	Find all in file and replace
:r	Retrive content into cbrrent buffer
<C-d>	Show completions
\c	Ignore case for one search
<C-a>	Perform addition
<C-x>	Perform subtraction
g~	Swap case
gu	Make lowercase
gU	Make uppercaser
gf	Go to file under cursor
::!bash	Filter the current line through bash
:%!bash	Filter all lines through bash