

vim

...

edit at the speed of thought



# Why, vim?!



**I Am Devloper**  
@iamdevloper



Always enjoy seeing someone trying to exit Vim for the first time.



**Lady Gaga**  @ladygaga · Nov 7, 2012

AAAAAAAAAAAAHHHHHRHRGRGRGRRRRGURBHJB  
EORWPSOJWPJORGWOIRGWSGODEWPGOHEPW09GJEDPOKSD!!!!!!!!!!!!!!0924Q  
U8T63095JRGHWPE09UJ0PWHRGW

11:37 AM · Sep 18, 2018 · [Twitter Web Client](#)

# Why, vim?!

version 1.1  
April 1st, 06

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	= autoformat
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	u undo	i insert mode	o open below	p paste 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	" reg. i	hol/ goto eol	
a append	s subst char	d delete	f find char	g extra cmds	h ←	j ↓	k ↑	l →	. repeat	' goto mk. bol	* not used!	
Z quit	X back-space	C change to eol	V visual lines	B prev word	N prev (find)	M screen mid	< un-indent	> indent	? find (rev.)			
Z extra cmds	X delete char	c change	v visual mode	b prev word	n next (find)	m mark	, reverse	. repeat cmd	/ find			

motion

command

operator

extra

moves the cursor, or defines the range for an operator

direct action command, if red, it enters insert mode

requires a motion afterwards, operates between cursor & destination

special functions, requires extra input

commands with a dot need a char argument afterwards

q.

bol = beginning of line, eol = end of line, mk = mark, yank = copy

words: quux(foo, bar, baz).

WORDS: quux(foo, bar, baz).

**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 commands:**

CTRL-R: redo (vim),

CTRL-I/-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, 5l, 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

























# motion exercises

w	next word
b	back (start of the previous word)
e	end of the current word
\$	end of line
^	start of line
%	the matching {[(
10G	line 10
gg	start of file
G	end of file
fx	find the next occurrence of x (on this line)
/foo	find the next occurrence of foo (on any line) (supports regex)
10_	do _ 10 times

Try to go:

- > forward 10 words
- > back 5 words
- > down 3 lines
- > the end of a block of [square brackets]
- > to the end of the last line
- > to the 5th occurrence of foo in the file











# action exercises

## MOTIONS

w	next <u>w</u> ord
b	<u>b</u> ack
e	<u>e</u> nd of the current word
\$	end of line
^	start of line
%	the matching {[(
10G	<u>g</u> o to line 10
gg	<u>g</u> o to start of file
G	<u>g</u> o to end of file
fx	<u>f</u> ind x
/foo	<u>f</u> ind foo

Prefix with number to repeat

## ACTIONS

d	<u>d</u> elete
c	<u>c</u> hange
y	yank
p	<u>p</u> aste
> or <	indent
dd/cc/yy	d/c/y whole line
D/C	d/c to the end line
x	delete character
r	replace character

Prefix with number to repeat  
. to repeat last action/insert

Try to:

- > delete the next 10 lines
- > replace all the text until the next 'a' with "foo"
- > copy and paste the current word
- > make 1000 lines of "all work and no play makes jack a dull boy"
- > use visual mode to select and delete a section of a word



















