Movement **Inserting Text**

hikl Left, down, up, right Insert at cursor

Go to the beginning of the line Λ Insert at the beginning of the line

\$ Go to the end of the line Append after cursor

Go to the first line Α Append at the end of the line gg

Go to the last line G Open a new line below the current line 0 0 Open a new line above the current line Go to line n :n

Replacing Text

Replace character Delete character Х Change word dd Delete line CW Change line dw Delete word CC c{motion} Change from cursor to {motion} d{motion} Delete {motion}

Copy/Paste

y{motion} Yank {motion} u Yank line Ctrl-r уу

Paste after cursor р Р Paste before cursor

Searching

/{pattern} Forward search for {pattern} ?{pattern} Reverse search for {pattern}

Repeat the last search n

Ν Repeat the last search in the opposite direction Undo/Redo

Deleting Text

Undo Redo

Save and Quit

Write (save) :w Write and quit :wq

Quit p:

Force quit, don't save changes :q!

Force write and quit :wa!

Repeating Commands

{num}{command} Repeat command {num} times :help[topic/command] Get help on topic or command.

Help

Repeat previous change **Tutorial** vimtutor

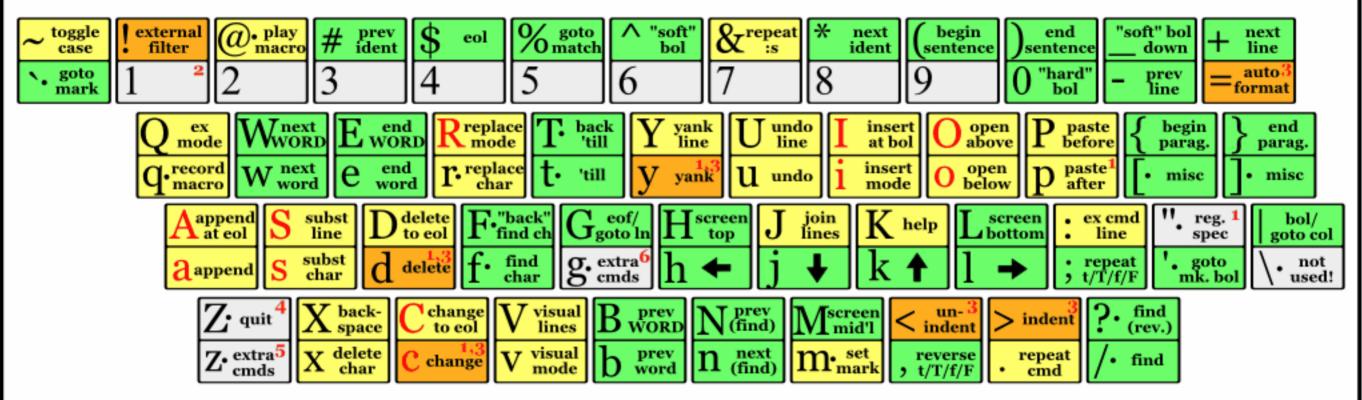
Find and Replace

:s/{old}/{new}/{options} Substitute {new} for {old} on the current line Substitute {new} for {old} in the entire document :%s/{old}/{new}/{options}

The g option substitutes all occurrences on a line, otherwise just the first occurrence is changed per line.

vi / vim graphical cheat sheet





motion moves the cursor, or defines the range for an operator

command direct action command, if red, it enters insert mode requires a motion afterwards, operates between cursor &

destination 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: 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:

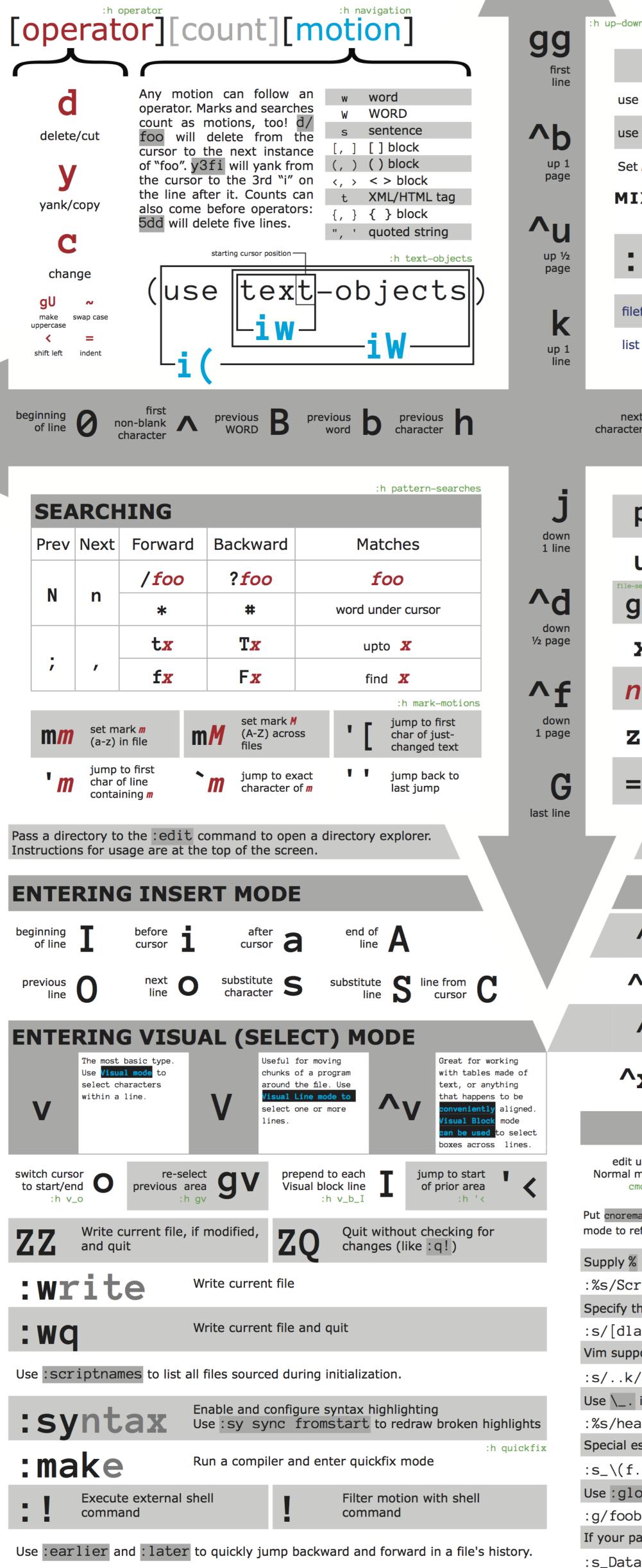
CTRL-R: redo (vim), CTRL-F/-B: page up/down, CTRL-E/-Y: scroll line up/down, CTRL-V: block-visual mode (vim only)

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)



Read external program output into current file

:read

								ſ	
down-motions									:h
	ts	SW	sts	et	tabstop	ts	Columns per tabst	ор	: h
ise spaces only	n	n	n	on	shiftwidth	sw	Columns per <<	1	in
ise tabs only	n	n	0	off	softtabstop	sts	Spaces per tab		:h
Set <i>n</i> to desired tab	widtl	h (de	efaul	t 8)	expandtab	et	<tab> inserts spa</tab>	ces	: h
IIXING TAE	35	Α	ND	SP	ACES I		RIGHT OU at means don't do		:h
:retab			•	e all tal p settin	•	s acc	cording to current		:h
fileformat ff		Tr	y cha	anging t	this if your lin	e-en	dings are messed u	ıp	:he
list		Di	spla	y whites	space visibly a	iooo	ding to listchars	1	

									:h left	-right-motion	ıs
next character	1	end of word	е	beginning of next word	W	end of WORD	Ε	beginning of next WORD	W	end of line	

р	paste after cursor	Р	paste before cursor	^[return to Normal mode
u	undo	^r	redo		repeat
gf	find file under cursor in path and jump to it	dd	delete current line	уу	yank current line
x	delete character after cursor	%	jump to matching paren	r	replace char under cursor
<i>n</i> G	jump to line <i>n</i>	↑ jump-motions	jump back	∧i jump-motions	jump forward
ZZ	center screen on cursor	zt	align top of screen with cursor	zb	align bottom of screen with cursor
==	auto-indent current line	<<	shift current line left by shiftwidth	>>	shift current line right by shiftwidth

Using ^[to return to Normal mode lets you keep your fingers on the home row. It's even easier if you map Caps Lock to Control!
:h insert.txt

	COOL	INSER	T MODE STUFF
^W	delete word before cursor	^u	delete line before cursor
^r <i>r</i>	insert the contents of register r	^r=	use the expression register (try ^r=5+10)
^t	increase line indent by shiftwidth	^d	decrease line indent by shiftwidth
^x^1	line completion	^n	find next completion suggestion according to complete
			:h cmdline.txt

	COM	MAND-LI	NE MODE (ONLY
edit using mal mode cmdwin	insert word under cursor cmdline-editing	^r^w	completion suggestions cmdline-completion	^ d

cmdwin	cmdline-editing		cmdline-comp	oletion	<u> </u>
Put cnoremap %% <c-r>=expa</c-r>			_	% in Commar	nd-line
Supply % as a range to t	he:substitut	e command to	run it on ever	y line in th	e file.
:%s/Scribbl/Design	1/	"Scribbled" ->	"Designed"		
Specify the "g" flag to a	pply the substitut	tion to <i>every</i> ma	tch on a line.		
:s/[dla]//g		"badly" -> "by	"	:h s_flags,	:h /[]
Vim supports many regu	ılar expression fe	atures.			
:s/k/ax/		"Mook" -> "Ma	x"	:h usr_27	, :h /.
Use \ instead of . if	you want to sear	ch across multip	le lines.		
:%s/heat*Bungle	e/anto/	"Cheatsheet\n	Bungler" -> "	Cantor"	h /\
Special escapes can be	used to change th	ne case of substi	tutions.		
:s_\(f\)_\U\1\E	_	"foobar" -> "Fo	OObar" ^{:h s}	ub-replace-s	special
Use : global to perform	m a command on	matching lines.			
:g/foobar/delete		Delete all lines	containing "f	oobar"	
If your pattern contains	slashes, just use	a different char	acter as your	delimiter.	
:s_Data/Lore_Bren	t Spiner_				
Use \= to evaluate expr	essions with repl	acement groups			
:s_\d_\=submatch(0	∂) + 1_g	"10 25" -> "21	36"	:h sub-repl	lace-\=

:h <i>cmd</i>	Normal mode <i>cmd</i> help
:h i_ <i>cmd</i>	Insert mode <i>cmd</i> help
:h v_ <i>cmd</i>	Visual mode <i>cmd</i> help
:h c <i>cmd</i>	Command-line editing cmd help
:h : <i>cmd</i>	Command-line cmd help
:h 'option'	<i>Option</i> help
:helpgrep	Search through all help docs!

^]	:h tags-and-searches Jump to tag under cursor, including [tags] in help files
^t	Jump back up the tag-list
g^]	Jump to tag if it's the only match; else list matching tags

			:h keycodes
<cr></cr>	^m	\r	Enter
<tab></tab>	^i	\t	Tab
<c-n></c-n>	^n		Ctrl- <i>n</i>
<m-n></m-n>			Alt- <i>n</i>
<esc></esc>	^[Escape
<bs></bs>	^h	\b	Backspace
			Delete
	711	\D	·

	:h options
:set opt?	View current value of opt
:set no <i>opt</i>	Turn off flag opt
:set opt	Turn on flag opt
:set $opt=val$	Overwrite value of opt
:set $opt+=val$	Append to value of opt
:echo &opt	Access opt as a variable

	:h buffers
:ls	List all open files
:b path	Jump to unique file matching path . Use < Tab> to scroll through available completions!
:b <i>n</i>	Jump to file <i>n</i> , number from first column of :ls
:bnext	Jump to next file
:bprev	Jump to previous file
:bdelete	Remove file from the buffer list
:edit	Open a file for editing
:enew	Open a blank new file for editing
	:h windows
:split	Split current window horizontally
:vsplit	Split current window vertically
^w hjkl	Move cursor to window left, below, above or to the right of the current window
^w HJKL	Move current window to left, bottom, top, or right of screen
^w r	Rotate windows clockwise
^w +-<>	Increase/decrease current window height/width
^w T	Move current window to a new tab
:only	Close all windows except current window

Execute a command in each open file

hidden	hid	Lets you switch buffers without saving	
laststatus	ls	Show status line never (0), always (2) or with 2+ windows (1)	
hlsearch	hls	Highlight search matches. Also see 'highlight'	
number	nu	Show line numbers	
showcmd	SC	Show commands as you type them	
ruler	ru	Show line and column number of the cursor	
backspace	bs	Set to '2' to make backspace work like sane editors	
wrap		Control line wrapping	
background	bg	Set to 'dark' if you have a dark color scheme	

REGISTERS are CLIPBOARDS

All commands that delete, copy, or paste text use registers. To change which register is used by a command, type the register before the command. The default register is called "the unnamed register", and it is invoked with a pair of double-quotes (""). Typing dd or yy is the same as typing ""dd or ""yy. Think of the first " as a short way of saving "register" so "" is propounced "register "" and "a "register a"

of saying "register", so "" is pronounced "register "", and "a, "register a".				
:regis	sters	View all current registers		
:echo	@r	Access register r as a variable		
"/	Last search pattern register	Contains the last pattern you searched for		
"_	The black hole register	Use this to delete without clobbering any register ("_dd)		
"0	Last yank register	Contains the last text you yanked		
"1	Last big delete register	Contains the last line(s) you deleted		
"2-"9	Big delete register stack	Every time "1 is written to, its content is pushed to "2, then "2 to "3, and so on		
"" —	Small delete register	Contains the last text you deleted within a single line		
"+	System clipboard	If the OS integration gods smile upon you, this register reads and writes to your system clipboard.		
"a-"z	Named registers	26 registers for you to play with		
"A-"Z	Append registers	Using upper-case to refer to a register will append to it rather than overwrite it		
q r	Record	Record into register \boldsymbol{r} . Stop recording by hitting \boldsymbol{q} again		
@ r	Playback	Execute the contents of register r		
@@	Repeat last playback	Repeat the last @r, this is particularly useful with a count		

vim one-liner used to sort the list of names by length: :exe 'g/^/let @x = len(getline(".")) | normal "xPa ' | sort n | :g//normal dw