

# Why You Should Give Vim a Try

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# Why I Recommend Vim



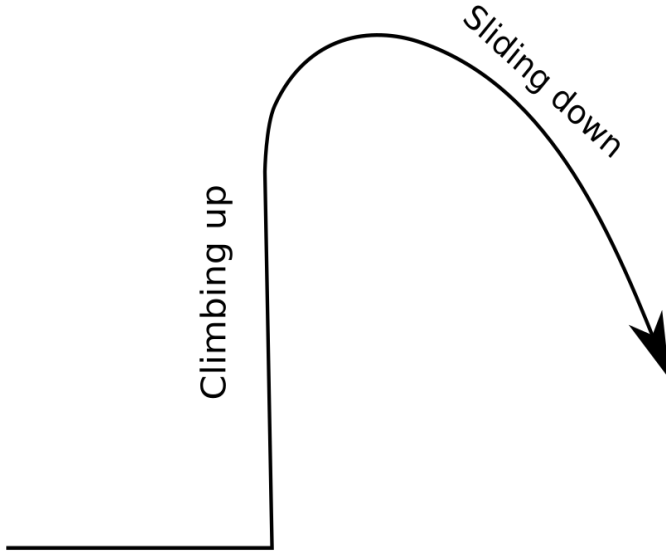
- ▶ Get rid of your mouse
- ▶ Less time on unnecessary hand movement
- ▶ Much more efficient code editing
- ▶ Highly customizable and extensible
- ▶ Become one of *those* people
- ▶ Something else?

# Where To Find Me

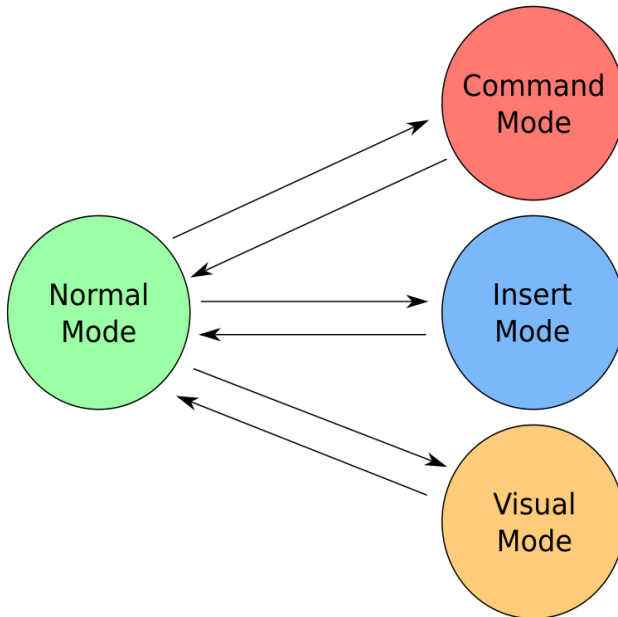
- ▶ Web page: <https://mauri.codes>
- ▶ GitHub: Kazhuu
- ▶ LinkedIn: Mauri Mustonen



# Vim Learning Wall



# Vim Is All About Modes



# Command language

# How To Get Started

`vimtutor`

`vimtutor`

# Where to find me

## block

Is every **ven** number the sum of two primes?

## Theorem

*theorem lorem*

## Proof.

proof lorem



## Example

example lorem



# Code Example

```
function helloWorld() {  
  console.log('Hello World');  
}
```

▶ aaaa

description lorem

# vi / vim graphical cheat sheet

**Esc**  
normal  
mode

␣ not used!	! external filter	"*, reg. spec <sup>1</sup>	£ not used!	\$ eol	% goto match	^ "soft" bol	& repeat :s	* next ident	( begin sentence	) end sentence	"soft" bol	+ 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	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 line	@ play macro	~ toggle case	
a append	s subst char	d delete	f, find char	g extra cmds <sup>6</sup>	h ←	j ↓	k ↑	l →	: repeat t/TF	! goto mk. bol	# prev ident	
bol/ goto col	Z, quit <sup>4</sup>	X back-space	C change to eol	V visual lines	B prev WORD	N prev (find)	M screen midl	< un-indent <sup>3</sup>	> indent <sup>3</sup>	? find (rev.)		
\, not used!	Z, extra cmds <sup>5</sup>	X delete char	c change	V visual mode	b prev word	n next (find)	m, set mark	, reverse t/TF	. 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: **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:

- 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')
- type in a number before any action to repeat it that number of times (e.g.: 2p, d2w, 5l, d4j)
- duplicate operator to act on current line (dd = delete line, >> = indent line)
- ZZ to save & quit, ZQ to quit w/o saving
- zt: scroll cursor to top, zb: bottom, zz: center
- 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

# Summary

- ▶ Start learning with vimtutor

# Thank you for your time!

Questions?