

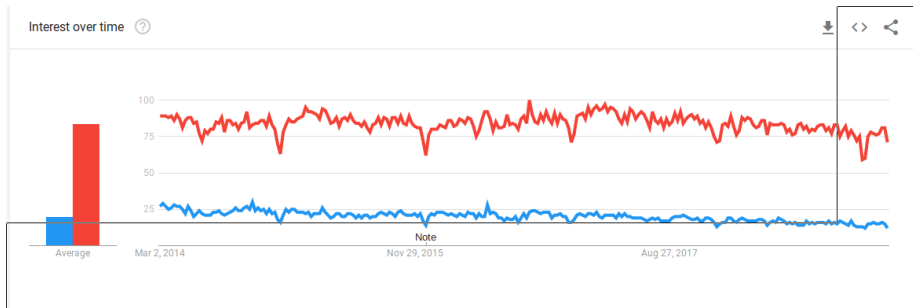
# GNU Linux

Stefan Kemnitz<sup>1</sup>

<sup>1</sup>Department of distributed high performance computing  
University of Rostock

Vim, 2019





# The Vim Editor

- was ported to all operating systems
- is extendable via plugins
- works without graphical interface
- syntax highlighting for nearly every language
- highest productivity
- steep learning curve for all shortcuts
- how to exit vim is the most asked question on stack overflow

# Modes

- command mode
- insert mode
- visual mode

# command mode

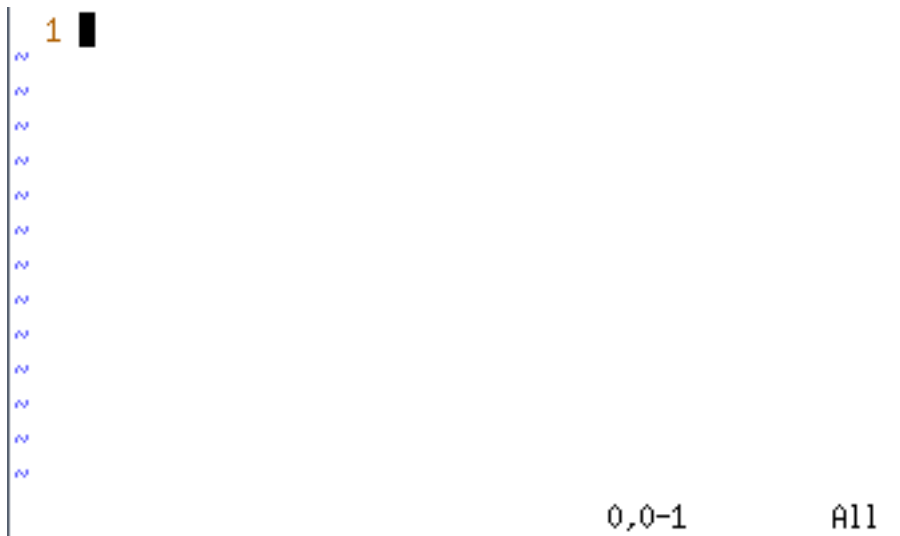


Figure: Command Mode

# insert mode

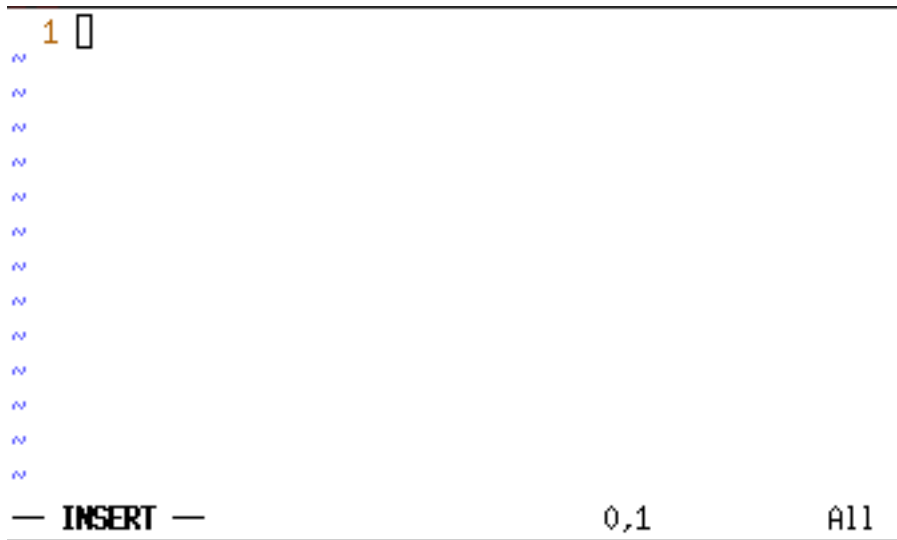


Figure: Insert Mode

# visual mode

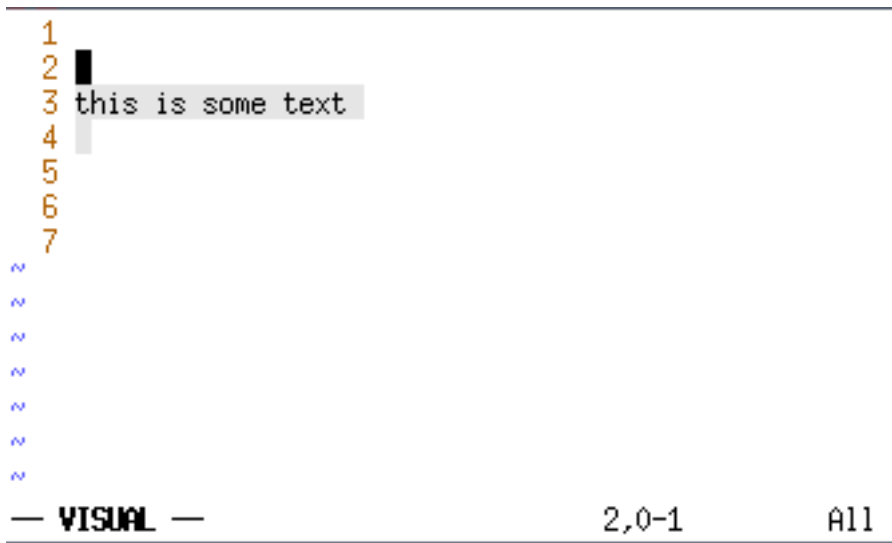


Figure: Visual Mode

# Keys

- i from command to insert
- ESC from insert to command
- v from command to visual
- up down left right move around



# Commands (in command mode)

- `:q` quit
- `:wq` write and quit
- `:q!` force quit
- `ctrl + z` background (use `fg` to get back to foreground)

# Useful shortcuts

mode	task	keys
c	search	*
c	search next	n
c	search previous	N
c	copy line	yy
c	cut line	dd
c	insert underneath	p
c	insert above	P
c	replace word with replacement	:%s/word/replacement/g
c	jump to the other bracket	%
i	autocomplete(textual)	ctrl+p

- can be extended to work like a full blown IDE
- open tabs via :tabe -filename-
- provide semantic auto-complete while you type
- show compiler errors
- expand snippets for all kinds of languages

