Copyleft © 2019 Vim 8.0+ Revision 2.5 **Vim Cheat Sheet for Programmers** Esc Normal May be freely distributed! Sharing is Caring. July 4, 2019 :version https://github.com/Michaelangel007/vim cheat sheet HOW-TO make Vim not suck Out-of-the-Box :help statusline :set nocompatible ruler laststatus=2 showcmd showmode number Search :set incsearch ignorecase smartcase hisearch Remove useless splash screen :set shortmess+= :map <F2> :so \$HOME/ vimrc<CR> Best tips: http://vim.wikia.com/ Audio :set eb vb :map <F3> :e \$HOME/ vimrc<CR> Best scripts: http://www.vim.org/scripts/index.php Ctrl 4 Ctrl 7 -Ctrl ` Ctrl 1 Ctrl @ Ctrl 3 Ctrl 5 Ctrl ^ Ctrl 8 Ctrl 9 Ctrl 0 Ctrl Ctrl = play next toggle case & extern filter soft I← repeat :s cur line identifier macro match identifier sentence sentence goto mark auto-6 hard ⊯ row & col 14 block select ^w• window... :redo ctags return nalf page Ctrl I prev mark Normal ctags identifie croll line croll line paragrap R **U** undo line P Tab ex mode W WORD Replace copy line 0 ← until char insert ı← open 1 paste ↑ VORD paragrapl record end replace u :undo insert 0 misc misc. w word 📐 until char CODV open ↓ p paste 1 macro char incr.# alf page ile/cursor info Ctrl H Ctrl J redraw -Ctrl : Ctrl ' -Ctrl \ page 1 bua goto EOF Top :join man page **Bottom** ← aoto "• register Caps subst line del ⊠ → ← find cha cmd line A append aoto line# identifier [column # screen (lines) screen "next goto marl s subst char delete extra \rightarrow a append find char f/F/t/T Ctrl M Ctrl ^ :suspend decr. # Normal / Cance block selec -Ctrl , Ctrl . -Ctrl / page 1 Unused, Duplicate & Misc. keys TWO select 'prev Middle \ Ctrl-K Ctrl-S (free) cmd del cha C NORD. indent find 5 quit change → Ctrl-L (redraw) F1-F12 (free) lines find lines! 13 goto row & col. 17 shell select find 'prev" :mark red repeat 14 Ctrl-Q == Ctrl-V x del char ⊠ C :change ▼ word find \ 18 vim (set) chars "next' cmd 15 Ctrl-J == Ctrl-M == ^N Legend The search direction is relative; next is the initial direction, previous is the opposite direction. n ; repeat same initial direction find. N , repeat opposite initial direction find. Note: ; , only searches cursor line, n N searches buffer Need register name: a-zA-Z0-9 :help registers :help cmdline 18 :r <file>insert file :help mapleader :buffer Macro :help tags :map \ :Explore<CR> Motion required: act between cursor & dst switch to list active tags list files :w save :qui Manually type <, C, R, and > then press return :buffers :ts Cmd Command g quit quit w/o save jump to tag under cursor §0 "• before del/copy/paste to use register :new blank file/buffer Ins Command and enter insert mode :e <file> edit file in new buffer ^t restore cursor before tag jump cut to system clipboard register '-:bn next file Move exec cmds in cur file ^p complete word paste from system clipboard Moves cursor or defines range for op :source % :bp prev file Find ta Foo manual jump to tag 'Foo' Number before any action repeats it Search ($^{\nwarrow}$ = reverse, $^{\searrow}$ = forward) :exec '...' do command(s) :bd close file tag ctags / diffs / folding :help movement :help diff paste twice 3. repeat thrice :bd! force close [c prev diff :hi DiffAdd Code Code formatting, whitespace, etc. soft ^ I← Start of Line 1st non-whitespace guifg=#rrggbb 2 Repeat op to act on current line :set lines=# c next diff :hi DiffChange guibg=#rrggbb Extra Extended functionality; needs extra chars hard 0 I← Start of Line column 0 copy line dd del line :set columns=# уу Need char param. g z Z ^w ' " \$ → End of Line :diffupdate :hi DiffText gui=none undent line >> indent line :winpos # # resync :hi DiffDelete :help windows help modes :help mapmode goto col. 0 # goto col. # 3 # highlight words under cursor С Command Line 18 : / ? ! ^b page ↑ ^f page ↓ :diffget copy text → :noremap < :diffget<CR> 4 zz save & quit zo quit w/o save or :wincmd aAcCiIRsS ^d ½ page ↓ :diffput copy text ← :noremap > :diffput<CR> 5 zz :next Insert ^u ½ page ↑ center cursor line in window Normal ESC ^[^C :inoremap <C-c> <Esc :help folding scroll left z1 scroll right :close! n ^e scroll line 1 ^y scroll line ↓ :help changes Op Pending c d y < > 1g start of file og end of file za fold toggle :changes list edits zt cursor line top zb scroll cursor :new [<file>] ٧ Visual / Block v v ^v ^v ^q g end of file zR remove all §6 gg line to bottom :split [<file>] #g goto line # older change top of file Foo (src , b dst , b len); zo fold open open file under cursor :vsplit [<file>] word [prev func 11 next func newer change :help syntax is no whitespace in-between 'Foo(src,' but before/after 'dst,' % goto matching { } < > [] zc fold close ^a incr. # under cursor (Dec / Hex) Note: There :only (max.) めdst , めlen); WORD Foo (src set matchpairs=(:),{:},[:],<:>,?:\: zi invert all :syntax enable decr. # under cursor (Dec / Hex) all same size vim --help :set showmatch highlite matched () zr fold reduce :set filetype=javascrip start a "new" search move to win ← prev auto-complete vim <filename> +123 edit line 123: no # is EOF zm fold more c cpp sh make perl pythoi ^n next move to win -Note: chose only ONE type! vim <file> ... -t Foo edit at tag 'Foo' find Foo replace w/ Bar :help recording 10 ^d undent ^t indent :s/Foo/Bar move to win 1 :s/Foo/Bar/g vim <file> ... -c "/Foo" find 'Foo' & edit ...all instances on line q start recording :help ff 811 ^x• filename completion move to win ↓ vim -q or qvim vim --clean No plugins :%s/Foo/Bar apply to whole file @ playback :set fileformat=unix ^s spelling :set spell! :help marks :marks list ` ' ^c :set quifont=ProggyTinyTT\ 12 · · · · + # cur line. cur line + # lines q stop recordina unix or dos or mac ^k dictionary next bad :set quifont=Program5x7b\:h16 < start of select @ repeat then:w to convert EOLs ^t thesaurus set local a \$ last line :help spell qvimdiff¹⁷ <file1> <file2> [<file3>] % whole file 1.\$ '> end of select :tabnext switch tab :help tabs paste register a-zA-Z0-9 or . goto global A Broken Keys Ctrl-I - Tab. Ctrl-I - ESC \v literal mode :help magic open new tabbed buffer + clipboard (or '*') :help c_CTRL-R prev location :tabnew [<file>] Vim is stuck in 1972: you can't "remap" certain keys: \r return :set tabstop=# File / Directory \t tab \n newline tab stop every #th col last del/copy filename Caps, Ctrl-1, Ctrl-Shift-1, Ctrl-Alt-Shift-1, Ctrl-I, Ctrl-I, etc. :help retab = < > :set expandtab! toggle line numbers << >> ^d ^t toggle hard/soft tabs :set number! :cd .. :set listchars=tab:>-:trail:-,nbsp:%,eol:\$ 0 vim src/ops.c -c "/valid yank reg" set backspace=indent,eol,start backspacejoinlines for " · reg. names :set wrap! toggle linewrap display :Explore or :e 6 vim src/normal.c -c "/nv cmds" for a• extra cmds set shiftwidth=#indent width for ai :set list! toggle whitespace :noremap + :s/^/\//<CR> block commen set browsedir=last 11 vim src/edit.c -c "/ctrl x msgs" toggle auto-indent :set autoindent! :set colorcolumn=80 visible right margin indicator :noremap - :s/^\///<CR> uncomment :!1s¹⁷ shell buffer or la