Copyleft © 2011 Revision 2.0 Vim 7 3+ Vim Cheat Sheet for Programmers Esc Normal http://michael.PeopleOfHonorOnly.com/vim/ May be freely distributed! Sept. 11, 2011 :version Sharing is Caring Search :set incsearch ignorecase smartcase hisearch HOW-TO make Vim not suck Out of the Box: :help statusline :set nocompatible ruler laststatus=2 showcmd showmode number Remove useless splash screen :set shortmess+=I Best tips: http://vim.wikia.com/ Best scripts: http://www.vim.org/scripts/index.php :map <F9> :e \$HOME/ vimrc<CR> :map <F6> :so \$HOME/ vimrc<CR> -Ctrl-1 -Ctrl @ Ctrl 3 -Ctrl 4 Ctrl 5 -Ctrl ^-Ctrl 7 -Ctrl 8 Ctrl 9 -Ctrl 0 -Ctrl--Ctrl = goto prev next begin toggle case extern filter soft & repeat :s cur line identifier identifie match sentence sentence auto-2 3 5 6 8 9 goto mark hard 4 format <sup>14</sup> block select ^w• window... croll line :redo ctags return croll line alf page -Ctrl I prev mark Normal tags identif paragrap Q **W** WORD R Υ copy line undo line insert ⋅ 0 open ↑ Р paste 1 ex mode Replace ← until char WORD paragrap record end replace Tab until char **u** undo open ↓ p paste ↓ word \ CODV insert misc. misc. macro word incr. # file/cursor info -Ctrl H Ctrl J -Ctrl : -Ctrl-\ nalf page redraw page. **Bottom** goto eof man page A append S subst line D find char "• register del → H Top screen Join lines cmd line identifier goto line# screen goto col# "next" goto mark del find char **g**• extra Caps a append \_ s subst char f/F/t/T Ctrl ^ decr. # Ctrl M -Ctrl . :suspend Normal / Cance block select -Ctrl . -Ctrl-/ page Unused & Duplicate keys Ctrl-K Ctrl-S (free) select "prev Middle change quit X ← del char С В WORD indent find < Ctrl-L (redraw) lines Shift 1 find screen 13 near dup of find "prev" 14 Ctrl-Q = Ctrl-Vselect repeat X del char Z● extra С change ✓ word m• set mark find \ b  $15 \text{ Ctrl-J} = \text{Ctrl-M} = ^N$ chars "next" f/F/t/T cmd Legend: 16 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. :help cmdline :r file insert file :Explore<CR> manually type <,C,R,> Macro Register name (0-9a-zA-Z) required :buffer # Tags Motion reg.; act between cursor & dst switch to list active tags §0 "• before del/copy/paste to use register :buffers list files Cmd quit w/o save ^] :new blank file/buffer Command :q! jump to tag under cursor cut to system clipboard reg. '+' :q auit Command and enter insert mode :e <file> edit file in new buffer restore cursor before tag jump paste from system clipboard :bn next file Ins Moves cursor or defines range for op :source % exec cmds in cur file complete word 1 Number before any action repeats it :bp prev file Find Search ( $^{\nwarrow}$  = reverse,  $^{\searrow}$  = forward) :exec '...' do cmd ta Foo manual jump to tag 'Foo' paste twice 3 · repeat thrice :bd close file tag ctags / diffs / folding 2 Repeat op to act on current line :bd! force close Diff dd del line :set lines=# Code formatting, whitespace, etc. уу copy line :hi DiffAdd guifg=#rrggbb Extra Extended functionality: reg. extra chars hard 0 I← Start of Line column 0 >> indent line :set columns=# Char arg req. g z Z ^w ' " ` ... :hi DiffChange guibg=#rrggbb 3 # highlight words under cursor :winpos # # \$ → End of Line Modes :help modes # | move col # :diffupdate :hi DiffText gui=none 4 zz zo quit w/o save Windows move col 0 save & guit Normal Esc ^[ ^c ^f page ⊥ :hi DiffDelete 5 zz center cursor line in window ^b page ↑ resvnc :help windows n Insert airs ^u ½ page ↑ ^d ½ page ⊥ zh scroll left z1 scroll right or :wincmd Changes ٧ Visual v V ^v ^q ^e scroll line ↑ ^y scroll line ↓ Folding zt scroll top zb scroll bottom :switch to next 1g start of file og end of file zR fold remove :close! 0 Op pending c d y < > :changes §6 gg top of file :new Command Line: / ?! #g goto line # g end of file zo fold open open file under cursor С g; older change gf :split horz. Foo ( src , b dst , b len ); zc fold close g, newer change 7 ^a [ begin this func { incr # under cursor (Dec / Hex) word :vsplit vertical Note: There is no whitespace in-between 'Foo(src,' but before/after 'dst,' 1] begin next func { zi invert all ^x decr # under cursor (Dec / Hex) :only maximize all same size WORD Foo ( src , b dst , b len ); zr fold reduce start a "new" search :set matchpairs=(:),{:},[:],<:>,?:\: Syntax 8 \* move to win ← Startup \$ goto matching { } < > [ ] zm fold more :syntax enable Insert mode move to win ↓ vim <filename> +123 goto line 123 :set filetype= 9 ^p prev auto-complete ^n next move to win ↑ vim <file> ... -t Foo edit at tag 'Foo' :s/Foo/Bar find Foo replace w/ Bar c cpp sh make perl python ^d undent indent :help recording move to win  $\rightarrow$ :s/Foo/Bar/g vim <file> ... -c "/Foo" cmd: find 'Foo' & edit ...all instances on line Note: chose only ONE type! §11 ^x o ^f filename completion q\* start recording :sp [<filename>] or gvim :%s/Foo/Bar apply to whole file Convert <eol> :set spell! edit in split window start GUI ver. e playback ^s spelling q stop recording :set fileformat= :set guifont=ProggyTinyTT\ 12 · · · \* t cur line, cur line + # lines ^k dictionary **Cursor Bookmarks** 1s next bad :set guifont=ProggyTiny\:h11 \$ last line '< start of select @ repeat unix or dos or mac ^t thesaurus :help spell :marks gvimdiff <file1> <file2> [<file3>] '> end of select 12 ^r\* paste register 0-9a-zA-Z or ... then:w to convert ma mark local 'a' Broken Kevs Ctrl-I = Tab. Ctrl-I = ESC = < > << >> :set tabstop=# set tab stop every #th co clipboard (or '\*') :help c\_CTRL-I goto global 'A' Vim is still unable to map certain keys for your own use... :set backspace=indent,eol,start :set expandtab! last del/copy % filename toggle hard/soft tabs prev location Caps. Ctrl-1. Ctrl-Shift-1. Ctrl-I. Ctrl-\. etc. allow backspace join lines :set listchars=... tab:>-:trail:-,nbsp:%,eol:\$ :set numbers! toggle line numbers File / Directory :set shiftwidth=# indent width for ai toggle whitespace O See: src/ops.c -c "/valid\_yank\_reg" for "• reg. names :set list! :set wrap! toggle linewrap display :Explore Or :e . 6 See: src/normal.c -c "/nv cmds" for g. extra cmds :set autoindent! toggle auto-indent :set colorcolumn=80 visible right margin indicator :set showmatch highlite matching () :set browsedir=... 11 See: src/edit.c -c "/ctrl x msgs" for ^x• insert cmds :set lisp noremap + :s/^/\//<CR> block comment noremap - :s/^\///<CR> uncomment one of buffer last lisp indent mode