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 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+=I :map <F9> :e \$HOME/ vimrc<CR> Best tips: http://vim.wikia.com/ Best scripts: http://www.vim.org/scripts/index.php :map <F6> :so \$HOME/ vimrc<CR> -Ctrl ` Ctrl 1 Ctrl @ Ctrl 3 Ctrl 4 Ctrl 5 Ctrl ^ Ctrl 7 -Ctrl 8 Ctrl 9 Ctrl 0 Ctrl Ctrl = play prev goto next begin end @• % extern filte soft ⊩ & repeat :s toggle case cur line macro identifier identifier match sentence sentence auto-3 5 6 8 9 goto mark hard ⊬ format <sup>14</sup> block select ^w• window... scroll line :redo 10 ctags return scroll line 1 half page 1 -Ctrl I Normal ctags identifie paragraph **W** WORD Ε R T ← until char Y copy line **U** undo line insert ⊩ 0 open ↑ Р paste ↑ ex mode Replace WORD paragraph record end replace Tab to until char II undo **p** paste ↓ word 🕥 е copy i t\_ insert O open ↓ misc. misc. macro char word > 10 half page file/cursor info Ctrl J -Ctrl \ incr.# redraw page ↓ goto eof **Bottom** man page A append **S** subst line D F

← find char **H** Top screen "• register del → Join lines Ex cmd line identifier goto line# screen goto col# "next" goto mark s subst char del fo find charg• k Caps h a append extra f/F/t/T Ctrl ^ -Ctrl M -Ctrl . :suspend decr. # Normal / Cance block select -Ctrl . page ↑ Unused & Duplicate keys Ctrl-K Ctrl-S (free) select Middle "prev' B \ WORD М ?• 13 Ctrl-L (redraw) quit X ← del char С change N < undent indent find < Shift 1 lines find screen near dup of  $^{14}$  Ctrl-Q = Ctrl-V select find "prev" repeat X del char Z● extra С change b ▼ word n m● set mark find 📐  $15 \text{ Ctrl-J} = \text{Ctrl-M} = ^N$ "next" f/F/t/T chars cmd Legend: 16 The search direction is relative; next is the initial direction, previous is the opposite direction repeat same initial direction find. Nor repeat opposite initial direction find. Note: ; , only searches cursor line, no Notes suffer. Macro Register name (0-9a-zA-Z) required :help cmdline :r file insert file :Explore<CR> manually type <,C,R,> ·buffer # :help tags §0 "• before del/copy/paste to use register Op Motion reg.; act between cursor & dst switch to list active tags :buffers list :w save Cmd Command :q! quit w/o save jump to tag under cursor cut to system clipboard reg. '+' :new blank file/buffer :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 Move Moves cursor or defines range for op :source % exec cmds in cur file ^p complete word <sup>1</sup> Number before any action repeats it :bp prev file Find Search ( $^{\nwarrow}$  = reverse,  $^{\searrow}$  = forward) do cmd ta Foo manual jump to tag 'Foo' paste twice 3 · repeat thrice :bd close file <sup>2</sup> Repeat op to act on current line tag ctags / diffs / folding :help movement :bd! force close dd del line :set lines=# Code formatting, whitespace, etc. :help diff уу copy line undent line Extra Extended functionality: reg. extra chars hard 0 I← Start of Line column 0 guifg=#rrggbb >> indent line :set columns=# [c prev diff Char arg req. g z Z ^w ' " ` ... 1c next diff :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 save & quit zo quit w/o save move col 0 Windows 5 zz Normal Esc ^[ ^c ^f page ⊥ resvnc :hi DiffDelete center cursor line in window ^b page ↑ :help windows n Insert airs ^u ½ page ↑ ^d ½ page ⊥ zh scroll left z1 scroll right or :wincmd ٧ Visual v V ^v ^q ^e scroll line ↑ ^y scroll line ↓ :help folding :help changes zt scroll top zb scroll bottom :switch to next §6 **gg** 1g start of file og end of file :close! 0 Op pending c d v < > **z**R fold remove :changes top of file :new Command Line: / ? #g goto line # g end of file zo fold open g; older change open file under cursor С gf :split horz. Foo ( src , b dst , b len ); 7 ^a zc fold close [ [ begin this func { g, newer change 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 8 \* all same size WORD Foo ( src , b dst , b len ); :help syntax start a "new" search :set matchpairs=(:),{:},[:],<:>,?:\: zr fold reduce 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 :help range move to win ↑ vim <file> ... -t Foo edit at tag 'Foo' s/Foo/Bar find Foo replace w/ Bar cpp sh make perl python 10 ^d undent ^t indent :help recording move to win  $\rightarrow$ :s/Foo/Bar/g §11 ^x • ^f filename completion vim <file> ... -c "/Foo" cmd: find 'Foo' & edit q start recording Note: chose only ONE type! ...all instances on line :sp [<filename>] or gvim :%s/Foo/Bar apply to whole file e playback s spelling edit in split window start GUI ver. convert <eol> set fileformat= :set guifont=ProggyTinyTT\ 12 · · · +# cur line, cur line + # lines ^k dictionary 1s next bad **Cursor Bookmarks** q stop recording :set guifont=ProggyTiny\:h11 \$ last line '< start of select @ repeat unix or dos or mac ^t thesaurus :help spell :marks 12 ^r paste register 0-9a-zA-Z or ... diff gvimdiff <file1> <file2> [<file3>] '> end of select ma mark local 'a' then :w to convert Broken Kevs -Ctrl-I = Tab, Ctrl-[ = ESC Code < > << >> :set tabstop=# set tab stop every #th col + 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 prev location toggle hard/soft tabs 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 Of :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=...

noremap + :s/^/\//<CR> block comment

noremap - :s/^\///<CR> uncomment

one of buffer last

11 See: src/edit.c -c "/ctrl x msgs" for ^x• insert cmds

:set lisp

lisp indent mode