Revision 1.99 Copyleft © 2011 Vim 7 3+ Vim Cheat Sheet for Programmers (screen) Michael Pohoreski Esc Normal michael@PeopleOfHonorOnly.com :version Sept. 8, 2011 aring 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> <CR> <NL> :set ff= dos unix mac Ctrl 1 -Ctrl @ Ctrl 3 Ctrl 4 Ctrl 5 -Ctrl ^-Ctrl 7 -Ctrl 8 Ctrl 9 -Ctrl-0--Ctrl--Ctrl = play end & toggle case extern filter @· soft • repeat :s cur line macro identifier match identifie sentence sentence auto-2 3 5 6 8 9 goto mark hard ... ¹⁴ block select ^w• window... croll line :redo ctags return croll line nalf page -Ctrl I Normal tags identit prev mark paragrap **W** WORD R **U** undo line insert ⊷ O open ↑ Р paste 1 ex mode Replace T• ← till char copy line WORD paragrapl record end replace Tab to till char**u** undo open 1 p paste l word \ copy insert misc. misc. macro word char incr. # file/cursor info -Ctrl H Ctrl J -Ctrl ' -Ctrl \ alf page page redraw goto eof **Bottom** man page A append → S subst line D del → F● ← find char G H Top screen "• register Join lines Ex cmd lir identifier goto line# screen goto col# 'next' s subst char d del fo find char **g**• extra goto mark Caps a append _____ 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 Middle 'prev **C** change В quit X ← del chai WORD undent indent find 5 Ctrl-L (redraw) Shift 1 lines find screen 13 near dup of select find 'prev' repeat 14 Ctrl-Q = Ctrl-V**z**● extra x del char -**C** change √ word **m** • set mark find 📐 n $15 \text{ Ctrl-J} = \text{Ctrl-M} = ^N$ chars "next f/F/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. Macro \ :map \ :Explore<CR> manually type <,C,R,> Register name (0-9a-zA-Z) required Ex cmd line help cmdline Tags :help tags :buffer # Motion reg.; act between cursor & dst :ts list active tags 0 "• before del/copy/paste to use register :buffers Cmd :new blank file/buffer Command quit jump to tag under cursor cut to system clipboard reg. '+' : q :q! quit w/o save a A s S c C R i I o O enter insert mode :e <filename> ^t 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 ^p complete word 1 Number before any action repeats it :bp prev file Move Find Search (<a> = reverse, <a> = forward) :exec '... do cmd :ta Foo manual jump to tag 'Foo' paste twice 3. repeat thrice :bd close file tag ctags / diffs / folding :gui switch to GUI ver. :help diff 2 Repeat op to act on current line :bd! force close Code formatting, whitespace, etc. :help movement :diffupdate resync dd del line :set lines=# уу copy line Extra Extended functionality: reg. extra chars ^ ← Start of Line 1st non-whitespace]c next diff undent line >> indent line :set columns=# Char arg req. g z Z ^w ' " ` ... hard 0 1← Start of Line column 0 :hi DiffAdd guifg=#rrgqbb 3 # highlight words under cursor :winpos # # Modes :help modes \$ → End of Line :hi DiffChange guibg=#rrggbb 4 zz Windows save & quit zo quit w/o save Normal Esc ^[^c move to col 0 :hi DiffDelete 5 zz center cursor line in window :help windows Insert airs # | move to col # :hi DiffText qui=none default bold zh scroll left z1 scroll right or :wincmd • Visual v V ^v ^q ^b page ↑ ^f page ↓ :help folding zt scroll top zb scroll bottom V :switch to next :close! Op pending c d y < > ^u ½ page ↑ ^d ½ page ↓ fold remove zi invert all § 6 gg top of file 0 Command Line: / ?! zo fold open zr fold reduce open file under cursor С gf :split horz. Foo (src , b dst , b len); zc fold close zm fold more 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,']] begin next func { Syntax :help syntax ^x decr # under cursor (Dec / Hex) :only maximize :set filetype=... WORD Foo (src , bdst , blen); start a "new" search all same size 1g start of file og end of file c cpp sh make perl python 8 move to win ← Startup #g aoto line # G end of file :syntax enable Insert mode move to win ↓ vim <filename> +123 goto line 123 :set matchpairs=(:),{:},[:],<:>,?:\: :help changes 9 ^p next move to win ↑ vim <file> ... -t Foo edit at tag 'Foo' \$ goto matching { } < > [] :changes 10 ^d undent indent move to win \rightarrow § 11 ^x • ^f filename completion vim <file> ... -c "/Foo" cmd: find 'Foo' & edit Rang :help range g; older change g, newer :sp [<filename>] or gvim start GUI ver. :s/Foo/Bar find Foo replace w/ Bar :help recording ^s spelling :set spell! edit in split window Linux :set guifont=ProggyTinyTT\ 12 :%s/Foo/Bar apply to whole file ^k dictionary **Cursor Bookmarks** start recording q stop recording 1s next bad OSX :set guifont=ProggyTiny\:h11 · · · · + # cur line. cur line + # lines @ playback repeat ^t thesaurus :help spell diff gvimdiff <file1> <file2> [<file3>] \$ last line < > << >> :help c_CTRL-R 12 ^r• paste register 0-9a-zA-Z or ... ma mark local 'a' Broken Kevs Ctrl-I = Tab. Ctrl-I = ESC '< start of select '> end of select :set tabstop=# set tab stop every #th col clipboard (or '*') 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 O See: src/ops.c -c "/valid_yank_reg" for "• reg. names :set list! toggle whitespace :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= 11 See: src/edit.c -c "/ctrl x msqs" for ^x• insert cmds :set lisp noremap + :s/^\\\//<CR> block comment noremap - :s/^\\\///<CR> uncomment buffer last lisp indent mode