Copyleft © 2011 Revision 2.0 Vim 7.3+ Vim Cheat Sheet for Programmers Esc Normal http://michael.PeopleOfHonorOnly.com/yim/ Sept. 11, 2011 :version 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/ :map <F9> :e \$HOME/ vimrc<CR> :map <F6> :so \$HOME/ vimrc<CR> Best scripts: http://www.vim.org/scripts/index.php Ctrl 1 Ctrl ^ Ctrl 9 Ctrl @ Ctrl 4 Ctrl 5 Ctrl 7 Ctrl 8 Ctrl 0 Ctrl Ctrl = prev goto next begin end play toggle case extern filter @• soft --& repeat :s cur line macro identifier match dentifie sentence sentence auto-6 goto mark hard .-<sup>14</sup> block select tags return ^w• window... croll line :redo croll line nalf page prev mark Normal tags identifi end paragraph R ← until char Y copy line U undo line 0 ex mode W WORD \ Replace insert ⊬ open ↑ paste 1 WORD paragraph end replace p paste 1 Tab until char open 1 word 🕥 copy **u** undo insert 0 misc. misc. char 10 half page Ctrl H incr. # file/cursor info Ctrl J Ctrl ' -Ctrl \ page, redraw goto eof **Bottom** S subst line D "• register A append → del → F ← find char H Top screer Join lines cmd line identifier goto line# screen goto col# "next" goto mark Caps del fo find char a append \_\_\_\_\_\_ s subst char **q**• extra f/F/t/T decr. # Normal / Cance block select Ctrl M :suspend Ctrl . Ctrl Ctrl / **Unused & Duplicate keys** \ Ctrl-K Ctrl-S (free) select "prev Middle quit X ← del char C change В WORD undent indent find < Ctrl-L (redraw) Shift û lines find screen near dup of find select 'prev' repeat 14 Ctrl-Q = Ctrl-V x del char - ✓ word set mark extra С change find \ 15 Ctrl-J = Ctrl-Mchars "next" f/F/t/T cmd ; , only searches cursor line, n N searches buffer. 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: :map \ :Explore<CR> manually type <,C,R,> :buffer # Macro Register name (0-9a-zA-Z) required :help cmdline :r file insert file :buffers list files Motion req.; act between cursor & dst switch to list active tags :w save :qui :ts §0 "• before del/copy/paste to use register Command :q! quit w/o save ^] jump to tag under cursor cut to system clipboard reg. '+' :new blank file/buffer Cmd g quit Command and enter insert mode :e <file> edit file in new buffer ^t restore cursor before tag jump paste from system clipboard :bn next file Ins exec cmds in cur file ^p :bp prev file Move Moves cursor or defines range for op :source % complete word 1 Number before any action repeats it Find Search (<sup>^</sup> = reverse, <sup>^</sup> = 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 Code formatting, whitespace, etc. I← Start of Line 1st non-whitespace Diff copy line dd del line :set lines=# vv Code :hi DiffAdd quifq=#rrqqbb Extended functionality; req. extra chars :set columns=# Extra hard 0 I← Start of Line column 0 [c prev diff << undent line >> indent line ]c next diff :hi DiffChange guibg=#rrggbb 3 # highlight words under cursor :winpos # # Char arg reg. g z Z ^w ' " \$ → End of Line Modes :help modes :diffupdate :hi DiffText gui=none 4 zz Windows move col 0 # move col # zo quit w/o save save & quit 5 zz Esc ^[ ^c :hi DiffDelete Normal ^b page ↑ ^f page ↓ resvnc center cursor line in window :help windows Insert airs ^u ½ page ↑ ^d ½ page ↓ zh scroll left z1 scroll right or :wincmd Folding Changes Visual v V ^v ^q ^e scroll line ↑ ^y scroll line ⊥ scroll top zb scroll bottom ٧ zt :switch to next Op pending c d y < > 1g start of file og end of file zR fold remove :changes §6 gg top of file :close! 0 C Command Line: / ?! #g aoto line # G end of file zo fold open g; older change qf open file under cursor :split horz. Foo ( src , b dst , b len ); [ [ begin this func { zc fold close g, newer change 7 ^a 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 decr # under cursor (Dec / Hex) :only maximize WORD , b dst , b len ); :set matchpairs=(:),{:},[:],<:>,?:\: all same size Foo ( src zr fold reduce Syntax start a "new" search move to win ← :svntax enable Insert mode Startup \$ goto matching { } < > [ ] zm fold more move to win 1 vim <filename> +123 goto line 123 :set filetype= 9 ^p prev auto-complete ^n move to win ↑ c cpp sh make perl python vim <file> ... -t Foo edit at tag 'Foo' s/Foo/Bar find Foo replace w/ Bar 10 ^d undent ^t indent :help recordii move to win → vim <file> ... -c "/Foo" cmd: find 'Foo' & edit s/Foo/Bar/q ...all instances on line Note: chose only ONE type! §11 ^x \* ^f filename completion :sp [<filename>] q\* start recording or gvim %s/Foo/Bar Convert <eol> ^s spelling :set spell! edit in split window apply to whole file @ playback q stop recording :set fileformat= Linux :set quifont=ProggyTinyTT\ 12 · · · +# cur line, cur line + # lines ^k dictionary ]s next bad **Cursor Bookmarks** OSX :set guifont=ProggyTiny\:h11 \$ last line < start of select @ repeat unix or dos or mac ^t thesaurus :help spell :marks diff gvimdiff <file1> <file2> [<file3>] '> end of select paste register 0-9a-zA-Z or ... then :w to convert ma mark local 'a' Broken Keys Ctrl-I = Tab, Ctrl-[ = ESC Code = < > << >> :set tabstop=# + clipboard (or '\*') :help c\_CTRL-F set tab stop every #th col goto global 'A' Vim is still unable to map certain keys for your own use... :set backspace=indent,eol,start :set expandtab! toggle hard/soft tabs last del/copy filename prev location Caps, Ctrl-1, Ctrl-Shift-1, Ctrl-I, Ctrl-\, etc. :set listchars=... allow backspace join lines 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 Or :e set autoindent! toggle auto-indent highlite matching () 6 See: src/normal.c -c "/nv\_cmds" for g. extra cmds :set colorcolumn=80 visible right margin indicator :set showmatch :set browsedir=... 11 See: src/edit.c -c "/ctrl x msgs" for ^x• insert cmds lisp indent mode noremap + :s/^/\//<CR> block comment noremap - :s/^\/\//<CR> uncomment one of buffer last