

EscNormal

Revision 2.0  
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Vim 7.3+  
:version

Vim Cheat Sheet for Programmers

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http://michael.PeopleOfHonorOnly.com/vim/

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 hlsearch

Remove useless splash screen :set shortmess+=!

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>

<div>Ctrl-~</div> <div>toggle case</div>	<div>Ctrl-!</div> <div>extern filter</div>	<div>Ctrl-@</div> <div>play macro</div>	<div>Ctrl-#</div> <div>prev identifier</div>	<div>Ctrl-\$</div> <div>goto match</div>	<div>Ctrl-%</div> <div>goto match</div>	<div>Ctrl-^</div> <div>soft</div>	<div>Ctrl-&amp;</div> <div>repeat :s</div>	<div>Ctrl-*</div> <div>next identifier</div>	<div>Ctrl-(</div> <div>begin sentence</div>	<div>Ctrl-)</div> <div>end sentence</div>	<div>Ctrl-_</div> <div>cur line</div>	<div>Ctrl-+</div> <div>auto-format</div>
<div>1</div> <div>goto mark</div>	<div>2</div> <div></div>	<div>3</div> <div></div>	<div>4</div> <div></div>	<div>5</div> <div></div>	<div>6</div> <div></div>	<div>7</div> <div></div>	<div>8</div> <div></div>	<div>9</div> <div></div>	<div>0</div> <div>hard</div>	<div></div> <div></div>	<div></div> <div></div>	<div></div> <div></div>
<div>14</div> <div>block select</div>	<div>^w</div> <div>window...</div>	<div>scroll line ↑</div>	<div>12</div> <div>:redo</div>	<div>10</div> <div>ctags return</div>	<div>scroll line ↓</div>	<div>half page ↑</div>	<div>Ctrl-↑</div> <div>prev mark</div>	<div>9</div> <div>↑</div>	<div>Normal</div>	<div>ctags identifier</div>	<div></div> <div></div>	<div></div> <div></div>
<div>Q</div> <div>ex mode</div>	<div>W</div> <div>WORD ↘</div>	<div>E</div> <div>end WORD ↘</div>	<div>R</div> <div>Replace</div>	<div>T</div> <div>← until char</div>	<div>Y</div> <div>copy line</div>	<div>U</div> <div>undo line</div>	<div>I</div> <div>insert ←</div>	<div>O</div> <div>open ↑</div>	<div>P</div> <div>paste ↑</div>	<div>{</div> <div>paragraph</div>	<div>}</div> <div>paragraph</div>	<div></div> <div></div>
<div>q</div> <div>record macro</div>	<div>w</div> <div>word ↘</div>	<div>e</div> <div>end word ↘</div>	<div>r</div> <div>replace char</div>	<div>t</div> <div>until char →</div>	<div>y</div> <div>copy</div>	<div>u</div> <div>undo</div>	<div>i</div> <div>insert</div>	<div>o</div> <div>open ↓</div>	<div>p</div> <div>paste ↓</div>	<div>[</div> <div>misc.</div>	<div>]</div> <div>misc.</div>	<div></div> <div></div>
<div>7</div> <div>incr. #</div>	<div>10</div> <div>half page ↓</div>	<div>page ↓</div>	<div>file/cursor info</div>	<div>Ctrl-H</div>	<div>15</div> <div>Ctrl-J</div>	<div>redraw</div>	<div>Ctrl-;</div>	<div>Ctrl-'</div>	<div>Ctrl- </div>	<div></div> <div></div>	<div></div> <div></div>	<div></div> <div></div>
<div>A</div> <div>append →</div>	<div>S</div> <div>subst line</div>	<div>D</div> <div>del →</div>	<div>F</div> <div>← find char</div>	<div>G</div> <div>goto eof / goto line#</div>	<div>H</div> <div>Top screen</div>	<div>J</div> <div>Join lines</div>	<div>K</div> <div>man page identifier</div>	<div>L</div> <div>Bottom screen</div>	<div>:</div> <div>cmd line</div>	<div>"</div> <div>register</div>	<div> </div> <div>goto col#</div>	<div></div> <div></div>
<div>a</div> <div>append ↗</div>	<div>s</div> <div>subst char</div>	<div>d</div> <div>del</div>	<div>f</div> <div>find char →</div>	<div>g</div> <div>extra</div>	<div>h</div> <div>←</div>	<div>j</div> <div>↓</div>	<div>k</div> <div>↑</div>	<div>l</div> <div>→</div>	<div>;</div> <div>"next" f/F/T</div>	<div>'</div> <div>goto mark</div>	<div> </div> <div></div>	<div></div> <div></div>
<div>Ctrl-^</div>	<div>:suspend</div>	<div>7,11</div> <div>decr. #</div>	<div>Normal / Cancel</div>	<div>block select</div>	<div>page ↑</div>	<div>9,16</div> <div>↓</div>	<div>15</div> <div>Ctrl-M</div>	<div>Ctrl-,</div>	<div>Ctrl-.</div>	<div>Ctrl-/</div>	<div></div> <div></div>	<div></div> <div></div>
<div>Shift-↑</div>	<div>Z</div> <div>quit</div>	<div>X</div> <div>← del char</div>	<div>C</div> <div>change →</div>	<div>V</div> <div>select lines</div>	<div>B</div> <div>WORD</div>	<div>N</div> <div>"prev" find</div>	<div>M</div> <div>Middle screen</div>	<div>&lt;</div> <div>undent</div>	<div>&gt;</div> <div>indent</div>	<div>?</div> <div>find ↖</div>	<div></div> <div></div>	<div></div> <div></div>
	<div>z</div> <div>extra</div>	<div>x</div> <div>del char →</div>	<div>c</div> <div>change</div>	<div>v</div> <div>select chars</div>	<div>b</div> <div>word</div>	<div>n</div> <div>find "next"</div>	<div>m</div> <div>set mark</div>	<div>,</div> <div>"prev" f/F/T</div>	<div>.</div> <div>repeat cmd</div>	<div>/</div> <div>find ↘</div>	<div></div> <div></div>	<div></div> <div></div>

Legend:

Macro Register name (0-9a-zA-Z) required  
Op Motion req.; act between cursor & dst  
Cmd Command  
Ins Command and enter insert mode  
Move Moves cursor or defines range for op  
Find Search (↖ = reverse, ↘ = forward)  
tag ctags / diffs / folding  
Code Code formatting, whitespace, etc.  
Extra Extended functionality; req. extra chars  
Char arg req. g z Z ^w ' " < > ...  
Modes :help modes  
n Normal Esc ^[ ^c  
i Insert a i r s  
v Visual v V ^v ^q  
o Op pending c d y < >  
c Command Line : / ? !  
word Foo ( src , dst , len );  
Note: There is no whitespace in-between 'Foo(src,' but before/after 'dst,'  
WORD Foo ( src , dst , len );  
Startup vim <filename> +123 goto line 123  
vim <file> ... -t Foo edit at tag 'Foo'  
vim <file> ... -c "/Foo" cmd: find 'Foo' & edit  
GUI vim -g or gvim start GUI ver.  
GUI Linux :set guifont=ProggyTinyTT\ 12  
GUI OSX :set guifont=ProggyTiny\ :h11  
diff gvimdiff <file1> <file2> [<file3>  
bug Broken Keys Ctrl-I = Tab, Ctrl-[] = ESC  
Vim is still unable to map certain keys for your own use...  
\$ Caps, Ctrl-I, Ctrl-Shift-I, Ctrl-I, Ctrl-I, etc.  
0 See: src/ops.c -c "/valid\_yank\_reg" for ^ reg. names  
6 See: src/normal.c -c "/nv\_cmds" for g extra cmds  
11 See: src/edit.c -c "/ctrl\_x\_msgs" for ^x insert cmds

:help cmdline

:r file insert file  
:w save :gui switch to GUI  
:q quit :q! quit w/o save  
:e <file> edit file in new buffer  
:source % exec cmds in cur file  
:exec '...' do cmd  
:help movement  
soft ^ ← Start of Line 1st non-whitespace  
hard 0 ← Start of Line column 0  
\$ ← End of Line  
| move col 0 # | move col #  
^b page ↑ ^f page ↓  
^u ½ page ↑ ^d ½ page ↓  
^e scroll line ↑ ^y scroll line ↓  
lg start of file og end of file  
#g goto line # g end of file  
[[ begin this func {  
]] begin next func {  
:set matchpairs=(:,:),{:},{},[,],<,>,:?,:  
% goto matching { } < > [ ]  
:help range  
:s/Foo/Bar find Foo replace w/ Bar  
:s/Foo/Bar/g ...all instances on line  
:%s/Foo/Bar apply to whole file  
.,.+ cur line, cur line + # lines  
\$ last line ^ start of select  
^ end of select  
Code = < > << >>  
:set backspace=indent,eol,start  
allow backspace join lines  
:set shiftwidth=# indent width for ai  
:set autoindent! toggle auto-indent  
:set lisp lisp indent mode

Tags

:ts list active tags  
^] jump to tag under cursor  
^t restore cursor before tag jump  
^p complete word  
:ta Foo manual jump to tag 'Foo'  
Diff  
[c prev diff :hi DiffAdd guifg=#rrggbb  
[c next diff :hi DiffChange guibg=#rrggbb  
:diffupdate :hi DiffText gui=none  
resync :hi DiffDelete  
Folding  
zR fold remove :changes  
zo fold open g; older change  
zc fold close g; newer change  
zi invert all  
zr fold reduce  
zm fold more  
Changes  
:syntax enable  
:set filetype=  
Syntax  
c cpp sh make perl python  
Note: chose only ONE type!  
Convert <eol>  
:set fileformat=  
unix or dos or mac  
then :w to convert

:help recording

q\* start recording  
q\* playback  
q stop recording  
@@ repeat  
:set tabstop=#  
:set expandtab!  
:set listchars=  
:set list!  
:set colorcolumn=80  
noremap + :s/^/\\//<CR>  
set tab stop every #th col  
toggle hard/soft tabs  
tab:-:trail-:,nbsp:%,eol:\$  
toggle whitespace  
visible right margin indicator  
block comment

:help recording

q\* start recording  
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tab:-:trail-:,nbsp:%,eol:\$  
toggle whitespace  
visible right margin indicator  
block comment

Insert mode

9 ^p prev auto-complete ^n next  
10 ^d undent ^t indent  
\$11 ^x ^f filename completion  
^s spelling :set spell!  
^k dictionary ]s next bad  
^t thesaurus :help spell  
12 ^r paste register 0-9a-zA-Z or ...  
+ clipboard (or '\*') :help c\_CTRL-R  
" last del/copy % filename  
:set numbers!  
:set wrap!  
:set showmatch  
noremap - :s/^/\\//<CR>  
toggle line numbers  
toggle linewidth display  
highlite matching ()  
uncomment

:buffer #

:buffers list files  
:new blank file/buffer  
:bn next file  
:bp prev file  
:bd close file  
:bd! force close  
:set lines=#  
:set columns=#  
:winpos # # GUI  
Windows  
:help windows  
^w or :wincmd .  
w :switch to next  
c :close!  
n :new  
s :split horz.  
v :split vertical  
o :only maximize  
= all same size  
h move to win ←  
j move to win ↓  
k move to win ↑  
l move to win →  
:sp [<filename>]  
edit in split window  
Cursor Bookmarks  
:marks  
ma mark local 'a'  
'A goto global 'A'  
'' prev location  
File / Directory  
:Explore Or :e .  
:set browsefor=...  
one of buffer last