VIM QUICK REFERENCE CARD

:viusage ............ Show a summary of all commands

Movements
h l k j .................. character left, right; line up, downw ....................... word/token left, right
g e ....................... end of word/token left, right{ } .................. beginning of previous, next paragraph( ) .................. beginning of previous, next sentence0 - $ ................. beginning, first, last character of line
nG ngg .................. line n, default the last, first
n .................. column n of current line%
% .................. match of next brace, bracket, comment, #define-
+ .................. line up, down on first non-blank characterB W ..................... space-separated word left, right
gE E ..................... end of space-separated word left, right
G gM ..................... beginning, middle of screen line
$ g$ ..................... first, last character of screen line
fc Fc ..................... next, previous occurrence of character c
tc Tc ..................... before previous, next occurrence of c

Insertion & Replace → insert mode
i a ....................... insert before, after cursor
I A ....................... insert at beginning, end of line
gI ........................ insert text in first column
0 o ...................... open a new line below, above the current line
rc ....................... replace character under cursor with c
grc ........................ like r, but without affecting layout
R ........................ replace characters starting at the cursor
gR ........................ like R, but without affecting layout
cm ....................... change text of movement command m
cc a=S .................. change current line
C ........................ change to the end of line

Deletion
x X ..................... delete character under, before cursor
dm ....................... delete text of movement command m
dd D ........................ delete current line, to the end of line
J gJ ....................... join current line with next, without space
:rd ....................... delete range r lines
:rd X ..................... delete range r lines into register x

Insert Mode
'c 'v n ............ insert char c literally, decimal value n
'\n ....................... insert decimal value of character
'A ........................ insert previously inserted text
'O ........................ same as 'A and stop insert → command mode
'Rr R Rx .................. insert content of register x, literally
'N 'P ..................... text completion before, after cursor
'W ........................ delete word before cursor
'U ........................ delete all inserted character in current line
'D T ..................... shift left, right one shift width
'\{c 'c z c2 ............ enter digraph \{c1, c2\}
'.c ....................... execute c in temporary command mode
'E X 'Y .................. scroll up, down
'\{esc\} o= ......... abandon edition → command mode

Search & Substitution
/s= 7s= ←搜索 forward, backward for s
/s/o= 7s/?o= ← search fwd, bwd for s with offset o
n o/= ← repeat forward last search
N o/= ← repeat backward last search
# * ... search backward, forward for word under cursor
g# g* ..................... same, but also find symbol matches
gd gd ........................ local, global definition of symbol under r
\:fs/ft/x .................. substitute f by t in range r
\:rs x .................. execute substitute with new r & x
\:rg/p/c .................. execute Ex c on range r where p matches

Standard Mode Formatting/Filtering
Leave out m for visual mode commands
gqm gaggq ........ format movement m/current paragraph
:rc e w .................. center lines in range r to width w
:rl e i .................. left align lines in range r with indent i
:rr e w .................. right align lines in range r to width w
!:mc= .................. filter lines of movement m through command c
n!!= .................. filter n lines through movement command c
:rlc .................. filter range r lines through command c

—switch case and advance cursor
/g^ ^g$ .................. switch case, lc, uc on movement m
/m^ < > .................. shift left, right of movement m
/n^< > .................. shift n lines left, right
'A 'A ........................ increment/decrement number under cursor

Visual Mode
v V V .start/stop highlighting characters, lines, block
o . exchange cursor position with start of highlighting
gv .................. start highlighting on previous visual area
aw as ap ............ select a word, a sentence, a paragraph
ab ab .................. select a block (), a block { }
n> n<= ........................ indent/unindent n levels, reindent

Undoing, Repeating & Registers
u U ........................ undo last command, restore last changed line
. 'R ........................ repeat last changes, redo last undo
. n .................. repeat last changes with count replaced by n
qc qcC ........................ record, append typed characters in register c
q ........................ stop recording
@c ....................... execute the content of register c
@@ ....................... repeat previous @ command
:C ....................... execute register c as an Ex command

Copying
"x .................. use register x for next delete, yank, put
:reg .................. show the content of all registers
:reg x .................. show the content of registers x
ym ........................ yank the text of movement command m
yy=Y ........................ yank current line into register
p P ........................ put register after, before cursor position
`p [p ........................ like p, P with indent adjusted
\g P .................. like p, P leaving cursor after new text

Patterns (differences to Perl)
:help pattern ........ show complete help on patterns
\< \> .................. start, end of word
\i \b \I \B .................. an identifier, keyword; excl. digits
\f \p \F \P ........................ a file name, printable char.; excl. digits
\e \t \r \b .................. \{esc\}, \(tab\), \(←\), \(→\)
= * ........................ match 0..1, 0..∞, 1..∞ of preceding atoms
\{n,m\} .................. match n to m occurrences
\{\} .................. non-greedy match
\| ........................ separate two branches \(≡ or
\< \> .................. group patterns into an atom
\& \\ .................. the whole matched pattern, 1° ( ) group
\u \l ........................ upper, lowercase character
\c \C .................. ignore, match case on next pattern
\%x ........................ match hex character
Spell Checking

\set spell spelllang=de_20 ... activate spellcheck
\js ... next misspelled word
\zag \zg ... good word (to internal word list)
\zw \zW ... mark bad word (to internal word list)
z= ... suggest corrections

Marks, Motions, and Tags

:\c ... mark current position with mark c ∈ [a...z]
\tc 'C ... go to mark c in current, C in any file
\t0.9 ... go to last exit position
\t'c ... go to position before jump, at last edit
\t'[] ... go to start, end of previous operated text
\tmarks ... print the active marks list
\jumps ... print the jump list
\n0 ... go to \n0th position in jump list
\n1 ... go to \n1th position in jump list
\tj ... jump to the tag under cursor, return from tag
\r ... jump to tag or select one if multiple matches
\tags ... print tag list

Multiple Files / Buffers (→)

:\tabl ... show buffer tablist
:buffers ... show list of buffers
:buffer n ... switch to buffer n
:badd f.txt ... load file into new buffer
:bdelete n ... delete buffer n (also with filename)
:bnext :bprev :bfirst :blast ... buffer movement

Scrolling & Multi-Windowing

:sw ... scroll half a page up, down
:sw ' ... scroll page up, down
:zt zz zb ... current line to top, center, bottom of win.
:zh zl ... scroll one character to the right, left
:zh zH zl ... scroll half a screen to the right, left
:spli ... split window in two (vert.)
:st sp ... create new empty window (vert.)
:on ... make current window one on screen
:wj 'Wk ... move to window below, above
:Wo 'Wo ... move to window below, above (wrap)
:sn+ 'sn- ... Increase/decrease window size by n lines
:sn > 'sn < ... Increase/decrease window width

Misc Ex Commands (←)

:help holy-grail ... show all Ex commands
:cf ... edit file f, reload current file if no f
:rw f ... write range r to file f (current file if no f)
:rw>>f ... append range r to file f
:q :q! ... quit and confirm, quit and discard changes
:wq or :x or ZZ ... write to current file and exit
:r f ... insert content of file f below cursor
:rc :ra a ... insert output of command c below cursor

Ex Ranges

\i ... separates two lines numbers, set to first line
n ... an absolute line number n
$ ... the current line, the last line in f
% ... entire file, visual area
't ... position of mark t
/pf ... the next, previous line where p matches
:n ... to the preceding line number

Completion

:li ... whole lines
:li 'I ... keywords in current file, plus included files
:ki 'K 'XN ... keywords in dictionary, thesaurus
:lx ... tags
:xf ... file names
:xO ... definitions or macros
:xv ... vim command line
:xu ... user defined completion
:xO ... omni completion

Folding

:set fdm=indent ... indent-foldmethod
:zfm ... create fold of movement m
:ro ... create fold for range r
:zd zE ... delete fold at cursor, all in window
:zo zC zD zO ... open, close one fold; recursively
:zl ... move to start, end of current open fold
:zj zk ... move down, up to start, end of next fold
:zm zM ... fold move, close all folds
:zr zR ... fold less, open all folds
:zn zN zi ... fold non, fold normal, invert folding
:set foldcolumn=4 ... show foldcolumn

Compiling

:compiler c ... set/show compiler plugins
:make ... run makeprg, jump to first error
:cope ... navigate errors from make
:cn :cp ... display the next, previous error
:cl :cf ... list all errors, read errors from file

Miscellaneous

:sh :te ... start shell, execute command c in shell
:K ... run keywordprg (man) on word under cursor
:L ... redraw screen
:G ... show cursor column, line, and character position
:set cuc ... show cursor column visually
:ga ... show ASCII value of character under cursor
:gf ... open file which filename is under cursor
:mkview [f] :loadview [f] ... save/load configuration
:set ff=dos ... convert file to dos col format
:e +fff=unix ... reopen file in unix col format
:set hlsearch ... highlight searches
:hardcopy > file.ps ... print range to ps file
:set list ... show listchar characters (tabs etc.)

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