

VI / VIM

Short Version

Minimal functionality

h j k l		Arrow keys
Esc	C-C	Exit insert mode
:w		save
:q	:q!	quit, confirm quit without saving
i	a	Insert mode at or after cursor
d	dd	Delete, delete line

Extended

u		undo
/pattern	?pattern	search forwards, backwards
n	N	

Copy / paste

v	visual mode
y	yank = copy
p	paste after cursor

Minimal .vimrc

```

"+y #copy a selection to the system clipboard
"+p #paste from system clipboard

set nocompatible           " Modernes Verhalten statt original Vi
filetype plugin indent on

set autoindent
set ts=4
filetype on

syntax on
" Darstellung & Nummerierung
set number                 " Zeilennummern anzeigen
set relativenumber        " Zeilennummern relativ zum Cursor anzeigen
set showcmd               " Unvollständige Befehle in der Statusleiste anzeigen
set wildmenu              " Bessere Tab-Vervollständigung für Befehle

" Suchen

```

```

set hlsearch           " Suchergebnisse hervorheben
set incsearch         " Live-Suche während der Eingabe aktivieren
set ignorecase       " Groß-/Kleinschreibung bei der Suche ignorieren
set smartcase        " Großschreibung erzwingen, wenn Großbuchstaben
enthalten sind

" Tabs und Einrückung
set tabstop=4         " Tabulator entspricht 4 Leerzeichen
set shiftwidth=4     " Einrückungstiefe ebenfalls 4 Leerzeichen
set expandtab         " Tabs in Leerzeichen umwandeln
set autoindent       " Automatische Einrückung für neue Zeilen

" Verhalten
set backspace=indent,eol,start " Korrektes Löschen mit der Backspace-Taste
set hidden           " Puffer ohne Speichern im Hintergrund behalten

```

Long Version

Edit

i - insert before the cursor I - insert at the beginning of the line a - insert (append) after the cursor A - insert (append) at the end of the line o - append (open) a new line below the current line O - append (open) a new line above the current line

Clipboard

x Delete character dd Delete line (Cut) yy Yank line (Copy) p Paste P Paste before "*p / "+p Paste from system clipboard "*y / "+y Paste to system clipboar

Exit

:q Close file :qa Close all files :w Save :wq / :x Save and close file ZZ Save and quit :q! / ZQ Quit without checking changes

Visual mode

v Enter visual mode V Enter visual line mode <C-V> Enter visual block mode In visual mode d / x Delete selection s Replace selection y Yank selection (Copy)

Navigating

Directions

Character

h j k l Arrow keys <C-U> / <C-D> Half-page up/down <C-B> / <C-F> Page up/down
fc Go forward to character c Fc Go backward to character c Document gg First line G Last line
:{number} Go to line {number} {number}G Go to line {number} {number}j Go down {number}
lines {number}k Go up {number} lines

Words

Window

b / w Previous/next word ge / e Previous/next end of word Line 0 (zero) Start of line

zz Center this line zt Top this line zb Bottom this line H Move to top of screen M Move to middle of screen L Move to bottom of screen

Search

n Next matching search pattern N Previous match * Next whole word under cursor # Previous whole word under cursor

Operators

Usage

Operators let you operate in a range of text (defined by motion). These are performed in normal mode. d w Operator Motion Operators list d Delete y Yank (copy) c Change (delete then insert)

| Indent right

< Indent left = Autoindent

Spell checking

:set spell spellang=en_us Turn on US English spell checking]s Move to next misspelled word after the cursor [s Move to previous misspelled word before the cursor z= Suggest spellings for the word under/after the cursor zg Add word to spell list zw Mark word as bad/misspelling zu / C-X (Insert Mode) Suggest words for bad word under cursor from spellfile

File Tabs

```
:e filename - Edit a file
:tabe - Make a new tab
gt - Go to the next tab
gT - Go to the previous tab
:vsp - Vertically split windows
ctrl+ws - Split windows horizontally
```

```
ctrl+vw - Split windows vertically  
ctrl+ww - Switch between windows  
ctrl+wq - Quit a window
```