**Basics**

|  |  |
| --- | --- |
| :e filename | Open *filename* for edition |
| :w | Save file |
| :q | Exit Vim |
| :w! | Exit Vim without saving |

**Search**

|  |  |
| --- | --- |
| /word | Search *word* from top to bottom |
| ?word | Search *word* from bottom to top |
| /jo[ha]n | Search *john* or *joan* |
| /\< the | Search the, theatre or *then* |
| /the\> | Search *the* or *breathe* |
| /\< the\> | Search *the* |
| /\< ¦.\> | Search all words of 4 letters |
| /\/ | Search *fred* but not *alfred* or *frederick* |
| /fred\|joe | Search *fred* or *joe* |
| /\<\d\d\d\d\> | Search exactly 4 digits |
| /^\n\{3} | Find 3 empty lines |
| :bufdo /searchstr/ | Search in all open files |

**Replace**

|  |  |
| --- | --- |
| :%s/old/new/g | Replace all occurences of *old* by *new* in file |
| :%s/old/new/gw | Replace all occurences with confirmation |
| :2,35s/old/new/g | Replace all occurences between lines 2 and 35 |
| :5,$s/old/new/g | Replace all occurences from line 5 to EOF |
| :%s/^/hello/g | Replace the begining of each line by *hello* |
| :%s/$/Harry/g | Replace the end of each line by *Harry* |
| :%s/onward/forward/gi | Replace *onward* by *forward*, case unsensitive |
| :%s/ \*$//g | Delete all white spaces |
| :g/string/d | Delete all lines containing *string* |
| :v/string/d | Delete all lines containing which didn’t contain *string* |
| :s/Bill/Steve/ | Replace the first occurence of *Bill* by *Steve* in current line |
| :s/Bill/Steve/g | Replace *Bill* by *Steve* in current line |
| :%s/Bill/Steve/g | Replace *Bill* by *Steve* in all the file |
| :%s/\r//g | Delete DOS carriage returns (^M) |
| :%s/\r/\r/g | Transform DOS carriage returns in returns |
| :%s#<[^>]\+>##g | Delete HTML tags but keeps text |
| :%s/^\(.\*\)\n\1$/\1/ | Delete lines which appears twice |
| Ctrl+a | Increment number under the cursor |
| Ctrl+x | Decrement number under cursor |
| ggVGg? | Change text to Rot13 |

**Case**

|  |  |
| --- | --- |
| Vu | Lowercase line |
| VU | Uppercase line |
| g~~ | Invert case |
| vEU | Switch word to uppercase |
| vE~ | Modify word case |
| ggguG | Set all text to lowercase |
| :set ignorecase | Ignore case in searches |
| :set smartcase | Ignore case in searches excepted if an uppercase letter is used |
| :%s/\<./\u&/g | Sets first letter of each word to uppercase |
| :%s/\<./\l&/g | Sets first letter of each word to lowercase |
| :%s/.\*/\u& | Sets first letter of each line to uppercase |
| :%s/.\*/\l& | Sets first letter of each line to lowercase |

**Read/Write files**

|  |  |
| --- | --- |
| :1,10 w outfile | Saves lines 1 to 10 in *outfile* |
| :1,10 w >> outfile | Appends lines 1 to 10 to *outfile* |
| :r infile | Insert the content of *infile* |
| :23r infile | Insert the content of *infile* under line 23 |

**File explorer**

|  |  |
| --- | --- |
| :e . | Open integrated file explorer |
| :Sex | Split window and open integrated file explorer |
| :browse e | Graphical file explorer |
| :ls | List buffers |
| :cd .. | Move to parent directory |
| :args | List files |
| :args \*.php | Open file list |
| :grep expression \*.php | Returns a list of .php files contening *expression* |
| gf | Open file name under cursor |

**Interact with Unix**

|  |  |
| --- | --- |
| :!pwd | Execute the *pwd* unix command, then returns to Vi |
| !!pwd | Execute the *pwd* unix command and insert output in file |
| :sh | Temporary returns to Unix |
| $exit | Retourns to Vi |

**Alignment**

|  |  |
| --- | --- |
| :%!fmt | Align all lines |
| !}fmt | Align all lines at the current position |
| 5!!fmt | Align the next 5 lines |

**Tabs**

|  |  |
| --- | --- |
| :tabnew | Creates a new tab |
| gt | Show next tab |
| :tabfirst | Show first tab |
| :tablast | Show last tab |
| :tabm n(position) | Rearrange tabs |
| :tabdo %s/foo/bar/g | Execute a command in all tabs |
| :tab ball | Puts all open files in tabs |

**Window spliting**

|  |  |
| --- | --- |
| :e filename | Edit *filename* in current window |
| :split filename | Split the window and open *filename* |
| ctrl-w up arrow | Puts cursor in top window |
| ctrl-w ctrl-w | Puts cursor in next window |
| ctrl-w\_ | Maximise current window |
| ctrl-w= | Gives the same size to all windows |
| 10 ctrl-w+ | Add 10 lines to current window |
| :vsplit file | Split window vertically |
| :sview file | Same as **:split** in readonly mode |
| :hide | Close current window |
| :­nly | Close all windows, excepted current |
| :b 2 | Open #2 in this window |

**Auto-completion**

|  |  |
| --- | --- |
| Ctrl+n Ctrl+p (in insert mode) | Complete word |
| Ctrl+x Ctrl+l | Complete line |
| :set dictionary=dict | Define *dict* as a dictionnary |
| Ctrl+x Ctrl+k | Complete with dictionnary |

**Marks**

|  |  |
| --- | --- |
| mk | Marks current position as *k* |
| ˜k | Moves cursor to mark *k* |
| d™k | Delete all until mark *k* |

**Abbreviations**

|  |  |
| --- | --- |
| :ab mail mail@provider.org | Define *mail* as abbreviation of *mail@provider.org* |

**Text indent**

|  |  |
| --- | --- |
| :set autoindent | Turn on auto-indent |
| :set smartindent | Turn on intelligent auto-indent |
| :set shiftwidth=4 | Defines 4 spaces as indent size |
| ctrl-t, ctrl-d | Indent/un-indent in insert mode |
| >> | Indent |
| << | Un-indent |

**Syntax highlighting**

|  |  |
| --- | --- |
| :syntax on | Turn on syntax highlighting |
| :syntax off | Turn off syntax highlighting |
| :set syntax=perl | Force syntax highlighting |