Vim Cheatsheet
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1 Launching ... and exiting

1.1 invocation

```
vim file1 file2 ... fileN
vim +linenumber file
vim scp://login@serveur/path/to/file
vim scp://login@serveur/path/
```

1.2 Exiting

`:q`	Quit
`:wq`	Save and quit
`:q!`	Quit without saving

2 Moving

`h,j,k,l`	Move cursor
`← ↓ ↑ →`	Move cursor

2.1 Inside the line

`0`	Jump to first char
`$`	Jump to last char
`^`	Jump to first word of the line
`w`	Next word
`b`	Previous word
`f char`	Jump to next occurence of char
`t char`	Jump before next occurence of char
`F char`	Jump to previous occurence of char
`T char`	Jump after previous occurence of char
`;`	Repeat last f/t command
`,`	Repeat last F/T command

2.2 Inside the file

`gg`	Jump to first line (start)
`G`	Jump to last line (start)
`:n`	Jump to line n
`%`	Jump to matching Paren, Brace, etc.

2.3 Inside the screen

`zz`	Center the current line
`zb`	Send current line to the bottom
`zt`	Send current line to the top
`H`	Jump to the top of the file
`M`	Jump to the middle of the file
`L`	Jump to the bottom of the file
`CTRL + b`	Scroll up
`CTRL + u`	Scroll up (half a page)
`CTRL + d`	Scroll down (half a page)
`CTRL + f`	Scroll down

3 Switch to insert mode

`i`	At cursor position
`a`	After cursor
`A`	At the end of the line
`o`	Open a new line (after)
`O`	Open a new line (before)

4 Switch to visual mode

`v`	Visual mode (char by char)
`V`	Visual mode (line by line)
`CTRL+v`	Visual mode (block)

5 Normal mode

`u`	Undo
`CTRL+r`	Redo
`.`	Repeat last edit

6 Without leaving Insert mode

`CTRL+w`	Erase previous word
`CTRL+u`	Erase until the begining of the line
`CTRL+o`	Single command mode command

7 Open / Save

`:e fichier`	Open a file in a buffer
`:w`	Save
`:w fichier`	Save as
`:browse old`	Recently opened file

8 Buffers

`:ls`	List all buffers
`:b7`	Switch to buffer 7
`:bn`	Next buffer
`:bp`	Previous buffer

9 Windows

`CTRL+w v`	Split vertically
`CTRL+w s`	Split horizontally
`CTRL+w h,j,k,l`	Change window
`CTRL+w SHIFT h,j,k,l`	Move window
`CTRL+w c`	Close window

Of course, you can substitute h,j,k,l by arrows

`:sp file`	Open file in a split window

10 Sessions

`:mks fichier.vim`	Save the session
`:source fichier.vim`	Restore the session

11 Search

`/word`	Find next occurence of "word"
`?word`	Find last occurence of "word"
`n`	Next
`N`	Previous

12 Macros

`qa`	Record macro a
`q`	Stop recording macro
`@a`	Run macro a
`@@`	Rerun last run macro

13 Copy / Paste

13.1 Copy current selection

`y`	(yank) Copy
`d`	(delete) Cut

13.2 Paste

`p`	(put) Paste (after)
`P`	(put) Paste (before)

13.3 Copy without selection selection

`yy`	Copy current line
`dd`	Cut current line
`yny`	Copy n lines
`yw`	Copy current word
`y$`	Copy from cursor to the end of the line

13.4 Using registers

`"ay`	Copy in register a
`"Ay`	Copy and add to a register
`:reg`	Display registers

The registers you can use are the following :

`a..z`	26 general-purpose registers
`1..9`	9 last uses of d
`+`	System copy-paste register (ctrl+c)
`*`	System copy-paste register (mouse)
`%`	Filename

14 Search & replace

`:%s/expr1/expr2/g`

`expr1`	Expression we're searching
`expr2`	Replacement expression
`%`	Search scope
`g`	Options

14.1 Scope :

`n,m`	From line n to m
`.,+5`	Current line and 5 following
`%`	In all file

14.2 Options :

`g`	Continue after first match
`c`	Ask before replacing
`i`	Ignore case

14.3 Replace with foobar (y/n/a/q/l/^E/^Y) ?

`y`	Yes
`n`	No
`a`	Replace all remaining matches
`q`	Quit substitution
`l`	Last one !
`CTRL + e`	Scroll down
`CTRL + y`	Scroll up

15 Marking lines

`m a`	Mark line in register a
`' a`	Return to mark a

16 Shell Commands

`:r file`	Insert the content of <file>
`:! cmd`	Execute the command cmd in a shell
`:r! cmd`	Execute the command cmd and insert the result
`:term`	Open a terminal window

17   Tabs

`:tabnew`	Open a new tab
`gt`	Move to next tab
`gT`	Move to previous tab
`:tab ba`	Edit all buffers as tabs

18   Spell checking

`:spell lang=fr`	Start spell checking
`:setlocal spell lang=fr`	Correction in current buffer
`:set nospell`	Stop spell checking
`]s`	Next erroneous word
`[s`	Previous erroneous word
`z=`	Suggest a correction
`zg`	Correct word (add to dictionary)
`zw`	Mark word as incorrect

19   Coders' corner

19.1   Increase / Decrease

`CTRL+a`	Adds 1 to a number
`CTRL+x`	Subsracts 1 to a number

19.2   indentation

`=`	Auto. indent selection
`==`	Auto. indent line
`>`	Increase indentation
`<`	Reduce indentation
`>>`	Increase indentation of the current line
`<<`	Reduce indentation of the current line
$n >>$	Increase by 1 indentation of n lines

19.3   Compilation

`:make`	Launch make in the current folder

20   File management (netrw)

`:Explore`	Open file manager

20.1   Operations

`D`	Delete file/directory
`d`	Create new folder
`%`	Open a new file

20.2   Marked / unmark

`mf`	Mark a file
`mu`	Unmark all files
`mp`	Display marked files
`mt`	Tag current folder

20.3   Operations on tagged files

`me`	Edit
`md`	Diff
`mc`	Copy in tagged folder
`mm`	Move to tagged folder

21   More on windows

21.1   Scroll simultaneously

`:set scrollbind`	Have windows scroll together

21.2   Resizing windows

`CTRL-w -`	Decrease the height
`CTRL-w +`	Increase the height
`CTRL-w <`	Decrease the width
`CTRL-w >`	Increase the width
`CTRL-w =`	Make all splits equal

22   Do you speak vim ?

22.1   Format

<number of time> + <Command> + <text object>

22.2   Commands

`c`	Change
`d`	Delete
`v`	visual

22.3   Text Objects

`s`	Sentence
`w`	Word
`p`	Paragraph
`a"`	Quoted string
`a'`	Quoted string (Single quote)

22.4   More precisely ...

`w`	From cursor to the end of the word
`iw`	Inner word (Full word)
`aw`	A word (A word, including trailing whitespaces)

23   Digraphs

`CTRL-k code`	Insert digraph