

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 occurrence of char
t char      Jump before next occurrence of char
F char      Jump to previous occurrence of char
T char      Jump after previous occurrence 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 beginning 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 occurrence of "word"
?word        Find last occurrence 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	Add to dictionary
zw	Mark word as incorrect

19 Coders' corner

19.1 Increase / Decrease

CTRL+a	Adds 1 to a number
CTRL+x	Subtracts 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
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20 File management (netrw)

:Explore	Open file manager
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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
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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 times> + <Command> + <Motion> or <Text object>

22.2 Commands

c	Change
d	Delete
y	Yank

22.3 Motion

)	Move cursor to end of sentence
(Move cursor to beginning of prior sentence
}	Move cursor to the next paragraph
{	Move cursor to the beginning of the prior paragraph
w	Move cursor to next word
b	Move cursor back a word
\$	Move cursor to the end of the logical line
0	Move cursor to the beginning of the logical line
G	Move cursor to the end of the file
gg	Move cursor to the beginning of the file

22.4 Text Objects

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

22.5 More precise Text Objects

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
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