

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 Scrolling

```
CTRL + b    Scroll up
CTRL + u    Scroll up (half a page)
CTRL + d    Scroll down (half a page)
CTRL + f    Scroll down
```

2.4 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
```

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 ←    Go to Left window
CTRL+w →    Go to right window
CTRL+w ↑    Go to window above
CTRL+w ↓    Go to window under
CTRL+w c    Close window
CTRL+w SHIFT ← Move window to the left
CTRL+w SHIFT → Move window to the right
CTRL+w SHIFT ↑ Move window up
CTRL+w SHIFT ↓ Move window down
```

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

```
: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
```

15 Marking lines

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

16 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
```

17 Coders' corner

17.1 Increase / Decrease

| | |
|--------|-------------------------|
| CTRL+a | Adds 1 to a number |
| CTRL+x | Subtracts 1 to a number |

17.2 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 |

17.3 Compilation

| | |
|-------|-----------------------------------|
| :make | Launch make in the current folder |
|-------|-----------------------------------|

17.4 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 |

18 File management (netrw)

| | |
|----------|-------------------|
| :Explore | Open file manager |
|----------|-------------------|

18.1 Operations

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

18.2 Marked / unmark

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

18.3 Operations on tagged files

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