

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         Sauve and quit
:q!         Quit without saving
```

2 Moving

h, j, k, l 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
W          Previous word
```

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.
```

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 Undo / Redo

```
u          Undo
CTRL+r     Redo
```

6 Without leaving Insert mode

```
CTRL+w     Erase previous word
CTRL+u     Erase until the beginning of the line
```

7 Open / Save

```
:e fichier Open a file in a buffer
:w         Save
:w fichier Save as
```

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
```

10 Copy / Paste

10.1 Copy current selection

```
y          Copy
d          Cut
```

10.2 Paste

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

10.3 Copy without 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
```

10.4 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
```

11 Search

```
/word      Find "word"
n          Next
N          Previous
```

12 Search & replace

:%s/expr1/expr2/g

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

12.1 Scope :

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

12.2 Options :

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

13 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
```

14 Coders' corner

14.1 Increase / Decrease

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

14.2 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 n the indentation of the line
```

14.3 Compilation

```
:make       Launch make in the current folder
```

14.4 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
```

15 Sessions

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

16 File management (netrw)

```
:Explore      Open file manager
```

16.1 Operations

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

16.2 Marked / unmark

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

16.3 Operations on tagged files

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