

## 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
← ↓ ↑ →      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
```

### 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
```

## 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
```

## 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
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

## 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 1 indentation of n lines
```

### 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