

## 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
```

## 15 Marking lines

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

## 16 Tabs

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

## 17 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 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	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 Digraphs

CTRL-k code	Insert digraph
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