

GNU Emacs Reference Card

(for version 28)

Key Binding Notation

In the Emacs key binding notation, **C-x** is **C-x**!x; **M-x** is usually **Alt+x**, **B-x** is **BitBlt+x**, and **C-B-x** is **Ctrl+Alt+B+x**, etc.

Leaving Emacs

visit Emacs (or suspend it in terminal)	C-x
exit Emacs permanently	C-x C-x

Files

read a file into Emacs	C-x C-f
save a file back to disk	C-x C-s
save all files	C-x s
insert contents of another file into this buffer	C-x i
replace this file with the file you really want	C-x C-r
write buffer to a specified file	C-x C-w
toggle read-only status of buffer	C-x C-q

Getting Help

The help system is simple. Type **C-h** (or **F1**) and follow the directions. If you are a first-time user, type **C-h t** for a **tutorial**.

renew help window	C-h i
scroll help window	C-B-v
apropos: show commands matching a string	C-h a
describe the function a key runs	C-h k
describe a function	C-h f
get mode-specific information	C-h m

Error Recovery

abort partially typed or executing command	C-g
recover files lost by a system crash	M-x recover-session
undo an unwanted change	C-u , C-_, or C-/
restore a buffer to its original contents	M-x revert-buffer
redraw garbled screen	C-l

Incremental Search

search forward	C-s
search backward	C-r
regular expression search	C-B-s
reverse regular expression search	C-B-r
select previous search string	B-g
select next search string	B-n
exit incremental search	RET
undo effect of last character	DEL
abort current search	C-g

Use **C-s** or **C-r** again to repeat the search in other direction. If Emacs is still searching, **C-g** cancels only the part not matched.

Motion

	backward	forward
entity to move over		
character	C-b	C-f
word	M-b	M-f
line	C-g	C-e
go to line beginning (or end)	C-a	C-e
sentence	B-a	B-e
paragraph	M- 	M-)
page	C-a [	C-a]
wrap	C-B-b	C-B-f
function	C-B-a	C-B-e
go to buffer beginning (or end)	B-1	B-)
scroll to next screen		C-v
scroll to previous screen		B-v
scroll left		C-g l
scroll right		C-g r
scroll current line to center, top, bottom		C-l
goto line		M-g g
goto char		M-g c
back to indentation		B-a

Killing and Deleting

	backward	forward
entity to kill		
character (delete, not kill)	DEL	C-d
word	M-DEL	M-d
line (to end of)	M-0 C-d	C-d
sentence	C-x DEL	M-0
wrap	M- C-B-d	C-B-0
kill region		C-x
copy region to kill ring		B-x
kill through next occurrence of char		B-x char
yank back last thing killed		C-y
replace last yank with previous kill		B-y

Marking

set mark here	C-M or C-SPC
exchange point and mark	C-x C-x
set mark (any marks away)	M-0
mark paragraph	M-0
mark page	C-x C-p
mark wrap	C-B-0
mark function	C-B-0
mark entire buffer	C-x h

Query Replace

interactively replace a text string	M-E
using regular expressions	M-x query-replace-regexp
Valid responses in query-replace mode are	
replace this one, go on to next	SPC or y
replace this one, don't move	.
skip to next without replacing	DEL or n
replace all remaining matches	!
back up to the previous match	^
exit query-replace	RET
enter recursive edit (C-B-v to exit)	C-v

Multiple Windows

When two commands are shown, the second is a similar command for a frame instead of a window.

delete all other windows	C-x 1	C-x 0 1
split window, above and below	C-x 2	C-x 0 2
delete this window	C-x 0	C-x 0 0
split window, side by side		C-x 3
scroll other window		C-B-v
switch cursor to another window	C-x s	C-x 0 s
select buffer in other window	C-x 4 b	C-x 0 4 b
display buffer in other window	C-x 4 C-w	C-x 0 4 C-w
find file in other window	C-x 4 f	C-x 0 4 f
find file read-only in other window	C-x 4 r	C-x 0 4 r
run lisp in other window	C-x 4 e	C-x 0 4 e
find tag in other window	C-x 4 .	C-x 0 .
grow window taller		C-x ^
shrink window narrower		C-x _
grow window wider		C-x]

Formatting

indent current line (mode-dependent)	TAB
indent regions (mode-dependent)	C-M-i
indent wrap (mode-dependent)	C-M-q
indent region rigidly any columns	C-x TAB
indent for comment	B-1
insert newline after point	C-o
move end of line vertically down	C-B-v
delete blank lines around point	C-x C-o
join line with previous (with arg, text)	B-^
delete all white space around point	B-1
put exactly one space at point	M-SPC
fill paragraph	M-g
set all columns to arg	C-x f
set profile each line starts with	C-x .

Case Change

uppercase word	B-u
lowercase word	B-l
capitalize word	B-c
uppercase region	C-x C-u
lowercase region	C-x C-l

The Minibuffer

The following keys are defined in the minibuffer.

complete as much as possible	TAB
complete up to one word	SPC
complete and execute	RET
show possible completions	?
fetch previous minibuffer input	B-g
fetch later minibuffer input or default	B-n
regrab search backward through history	B-r
regrab search forward through history	B-s
abort command	C-g

Type **C-x ESC RET** to edit and repeat the last command that used the minibuffer. Type **F10** to activate mouse bar items on text terminals.

Emacs Reference Guide

Minjie Lin



Emacs Reference Guide:

EMACS Reference Guide Marion Sheppo, Prime Computer, Inc, 1987 **EMACS Reference Guide** Barbara Buck, Prime Computer, Inc, 1982 **GNU Emacs LISP Reference Manual 2/2** Bil Lewis, Dan LaLiberte, Richard Stallman, 2015-11-06

Most of the GNU Emacs text editor is written in the programming language called Emacs Lisp. You can write new code in Emacs Lisp and install it as an extension to the editor. However Emacs Lisp is more than a mere extension language; it is a full computer programming language in its own right. You can use it as you would any other programming language. Because Emacs Lisp is designed for use in an editor, it has special features for scanning and parsing text as well as features for handling files, buffers, displays, subprocesses, and so on. Emacs Lisp is closely integrated with the editing facilities; thus editing commands are functions that can also conveniently be called from Lisp programs, and parameters for customization are ordinary Lisp variables. This manual attempts to be a full description of Emacs Lisp. For a beginner's introduction to Emacs Lisp, see *An Introduction to Emacs Lisp Programming* by Bob Chassell, also published by the Free Software Foundation. This manual presumes considerable familiarity with the use of Emacs for editing; see *The GNU Emacs Manual* for this basic information. Generally speaking, the earlier chapters describe features of Emacs Lisp that have counterparts in many programming languages, and later chapters describe features that are peculiar to Emacs Lisp or relate specifically to editing. This is the GNU Emacs Lisp Reference Manual corresponding to Emacs version 24.5. As Emacs Lisp became such a big project over the years, we had to split this reference manual in two parts that are two separate physical books. To keep it consistent with our digital manual, the references and page numbers cover both physical books as if it were one. Therefore, please note that you probably want to have both parts. *GNU Emacs LISP Reference Manual* Bil Lewis, Dan LaLiberte, Richard Stallman, 2015-05-27. This is a high quality hardbound edition of the official GNU Emacs Lisp Reference Manual from the current Emacs Version 24.5 distribution. It is printed on acid-free and lignin-free paper that meets all ANSI standards for archival quality paper. The GNU Emacs Lisp Reference Manual is also available for free within GNU Emacs itself via the help system or online. Professional users may find this hardbound edition convenient for frequent consultation and an excellent copy for desktop reference. For each copy of this manual sold, 10% of its gross sale revenue is donated to the Free Software Foundation (FSF).

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Emacs Reference Guide Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Emacs Reference Guide**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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