



Key Bindings for GNU Emacs 20.5

Conventions

The following key bindings should work for many terminals, workstations and PCs under most UNIX-derived systems. Problems may be encountered with the special keys (Home, End, PgDn, PgUp, Del, →, ←, ↑, ↓, Fn), which may work differently or not at all.

C- stands for the Control key (Ctrl); C-p stands for holding down the Control key and then pressing p.

M- stands for the Meta or Alt key; M-p stands for holding down the Meta key and then pressing p. An alternative for this is Esc p, which means pressing Esc, releasing it and then pressing p.

Many of the commands bound to keys can also be executed using the pull-down menus.

Starting and Quitting

emacs *file* Enter emacs and read file *file*; some-times also gmacs, em,
 emacs *dir* Enter dired and read directory *dir*
 C-x C-c Exit emacs
 C-z Iconify emacs

Command	Control
C-x z	Repeat previous command
M-n <i>cmd</i>	Iterate <i>cmd</i> <i>n</i> -times, for some commands also with negative <i>n</i>
C-u <i>cmd</i>	Iterate <i>cmd</i> 4-times
C-g	Abort current command
Tab or Spc	Expand word (in command)
C-x Esc Esc	Recall last complex command
M-p or ↑	Previous command in minibuffer
M-n or ↓	Next command in minibuffer
C-a C-k	Delete minibuffer
C-x u or F9	Undo last edit
M-!	Execute shell command

Working with Files, Bookmarks and Buffers	
C-x C-f or F4	Edit (visit) a file
C-x C-v	Edit another file
C-x 5 f	Edit a file in a new frame
C-x i	Insert file at cursor position
C-x C-s or F2	Save file with old name
C-x C-w	Save file with new name
C-x r m	Set bookmark at point
C-x r b	Jump to bookmark
C-x r l	List bookmarks
C-x k or F3	Kill current buffer
F1	Move through ring of buffers

Moving the Cursor	
Left mouse	Move cursor to mouse pointer
C-f or →	Move forward one character
C-b or ←	Move backward one character
C-p or ↑	Move to previous line
C-n or ↓	Move to next line
M-f or C→	Move forward one word
M-b or C←	Move backward one word
C-a or Home	Move to beginning of line
C-e or End	Move to end of line
C-v or PgDn	Move forward one screen
M-v or PgUp	Move backward one screen
M-<	Move to beginning of file
M->	Move to end of file
C-l	Put current line in the center

Input and Spelling	
Insert	Toggle insert/overwrite mode
C-o or Enter	Add new line, split line
M-~	Join line with the previous one
C-j	LFD (linefeed) and indent
C-q xxx	Insert octal xxx
C-x =	Show character, code, position
M-/	Expand word (in buffer)
M-\$	Spell check word under cursor
M-s	Center line
C-x Tab	Move region one character right
M-q	Format paragraph
M-g M-g	Update highlighting

Transposing and Capitalizing Text	
C-t	Transpose two characters
M-t	Transpose two words
C-x C-t	Transpose two lines
M-c	Capitalize character
M-u	Uppercase word from cursor
M-l	Lowercase word from cursor

Regions, Deleting, Cut and Paste	
C-Spc or F8	Mark beginning or end of region
C-x C-x	Exchange point (cursor) and mark
C-d or Del	Delete character under cursor, join lines
Bkspc	Delete character before cursor
M-d	Delete from cursor to end of word
M-\	Delete all tabs and blanks
C-k	Delete from cursor to end of line
C-x C-o	Delete all blank lines but one
C-w	Delete region (Cut and delete)
M-w	Copy region into kill ring (Cut)
C-y	Insert deleted region (Paste)
M-y	Insert previous deletion (Paste recursively)
C-x r d	Delete rectangle
C-x r c	Clear rectangle
C-x r k	Kill rectangle
C-x r y	Insert killed rectangle
C-x r o	Insert blank rectangle

Search and Replace	
C-s	Start incremental search forward, search for next occurrence
C-r	Start incremental search backward
C-s C-w	Search for word after cursor
Enter	Exit a successful search
C-g	Cancel incremental search
C-s C-s	Repeat previous search
C-s Enter	Start nonincremental search fwd
C-r Enter	Start nonincremental search bkwd
M-C-s	Start incremental search forward for regexp
M-C-r	Start incremental search backward for regexp
M-%	Enter query-replace
M-C-%	Enter query-replace-regexp

Regular Expressions in Search/Replace	
c	Character c itself
.	Any single character
[set]	Any single character from set
[~set]	Any single character not in set
[c1-c2]	Any ASCII character between c1 and c2
re or \ (re\)	Regexp re itself
re*	Regexp re zero or more times
re+	Regexp re one or more times
re?	Regexp re zero or one times
re1 \ re2	Either re1 or re2
\n	n th parenthesized regexp (1 < n < 9)
^	Beginning of a line
\$	End of a line
\<	Beginning of a word
\>	End of a word
\b	Beginning or end of a word
\B	Not beginning or end of a word

Commands Within Query-replace	
Spc or y	Replace and go on to next instance
Del or n	Don't replace, go to next instance
!	Replace all the rest
~	Go back to previous instance
Enter or q	Exit query-replace

TEX/L ^A T _E X-Mode	
C-j	Terminate paragraph
C-c {	Insert two braces
C-c C-o	Create L ^A T _E X block
C-c C-e	Close L ^A T _E X block
C-c C-r	Run TEX or L ^A T _E X on region
C-c C-b	Run TEX or L ^A T _E X on buffer
C-c C-f	Run TEX or L ^A T _E X on file
C-c Tab	Invoke BibTEX on current file
C-c C-k	Kill TEX or L ^A T _E X processing
C-c C-v	Preview DVI-file
C-c C-p	Print DVI-file
C-c C-q	Show print queue

Help	
C-h b	List current key bindings
C-h k	Describe key
C-h C-k	Enter Info and describe key
C-h c	Describe key briefly
C-h w	Show key for command
C-h f	Describe command
C-h C-f	Enter Info and describe command
C-h a	Describe command (apropos)
C-h v	Describe variable
C-h m	Describe current mode
C-h l	Show last 100 characters typed
C-h t	Enter the emacs tutorial
C-h i	Run Info (emacs manual)

Windows, Frames	
C-x 2	Split current window horizontally
C-x 3	Split current window vertically
C-x o or F12	Switch cursor to other window
M-PgUp, M-PgDn	Scroll other window
C-x 0 or F10	Delete current window
C-x 1 or F11	Delete all other windows in frame
C-x 5 2	Create new frame
C-x 5 0	Delete frame

Ange-ftp	
Extended file name syntax for ange-ftp: /[user@]host:path	
In path, ~ is allowed for user's home directory on host.	

Dired	
C-x d or F5	Enter Dired
q	Quit Dired
s	Sort file list
g	Refresh buffer
f or Enter	Visit file or directory
v	View file
* m or m	Mark file
* u or u	Unmark file
* t or t	Toggle marks
* % or % m	Mark files matching regexp (name)
% g	Mark files matching regexp (content)
* *	Mark all executable files
* @	Mark all symbolic links
* !	Unmark all files
d	Flag file for deletion
~	Flag all backup files for deletion
#	Flag all autosave files for deletion
&	Flag ephemeral files for deletion
% d	Flag all files matching regexp
x	Delete flagged files
D	Delete file immediately
+	Create directory
i	Insert subdirectory
A	Search marked files(proceed with M-,)
Q	Query-replace in marked files
C	Copy file(s)
R	Rename file(s)
S	Make symbolic link(s)
M	Change file mode
G	Change group
O	Change owner
P	Print file(s)
Z	Compress/Uncompress file(s)
=	Compare files
M==	Compare file to its last backup
B	Compile Lisp file(s)
!	Run shell command on file