

GNU Emacs Quick Reference Guide for MCS-385

Bullets (●) mark a suggested starting set of commands. *ARG* denotes the prefix numeric argument (entered with *C-u* or *M-digit* or *C-digit*).

Cursor motion.

<i>C-f</i>	Forward character.●
<i>M-f</i>	Forward word.●
<i>C-e</i>	Forward to end of line.●
<i>C-b</i>	Backward character.●
<i>M-b</i>	Backward word.●
<i>C-a</i>	Backward to start of line.●
<i>C-n</i>	Next line.●
<i>C-p</i>	Previous line.●
<i>M-<</i>	Beginning of buffer.●
<i>M-></i>	End of buffer.●
<i>C-v</i>	Scroll text up one screen (or <i>ARG</i> lines).●
<i>M-v</i>	Scroll text down (or <i>ARG</i> lines).●
<i>C-M-v</i>	Scroll other window up one screen (or <i>ARG</i> lines).

Marking regions of text

<i>C-@</i>	Set mark at point.●
<i>C-SPC</i>	Same as <i>C-@</i> .
<i>C-x C-x</i>	Exchange mark and point.●
<i>M-h</i>	Set mark and point around current paragraph.
<i>C-x h</i>	Set mark and point around current buffer.

Deletion and yanking

<i>DEL</i>	Delete character before cursor.●
<i>M-DEL</i>	Delete word before cursor and add to kill buffer.●
<i>C-d</i>	Delete character at cursor.●
<i>M-d</i>	Delete word at and after cursor and add to kill buffer.●
<i>C-k</i>	Delete to end of line and add to kill buffer.●
<i>C-w</i>	Delete current region, and add to kill buffer.●
<i>C-y</i>	Insert text from kill buffer at point.●
<i>M-y</i>	Replace preceding <i>C-y</i> text with next most recent kill buffer.
<i>M-w</i>	Copy region to kill buffer, no deletion.

Indentation

<i>TAB</i>	Indent according to mode.●
<i>LF</i>	Same as <i>RET TAB</i> .
<i>C-M-\</i>	Indent region according to mode.●

Search

<i>C-s</i>	Search forward.●
<i>C-s C-s</i>	Same as <i>C-s</i> with last string.●
<i>C-r</i>	Search backward.●
<i>C-r C-r</i>	Same as <i>C-r</i> with last string.●
<i>C-u C-s</i>	Search forward for regular expression.
<i>M-x occur</i>	Display lines matching a regular expression.
<i>M-x grep</i>	Display results of UNIX <i>grep</i> utility.
<i>M-x count-matches</i>	

The following subcommands are valid during a search.

<i>RET</i>	End search.●
<i>DEL</i>	Undo effect of last search character typed.●
<i>C-g</i>	Abort search.●
<i>C-s</i>	Search for next match forward.●
<i>C-r</i>	Search for next match backward.●
<i>C-q</i>	Quote next character.
<i>C-w</i>	Extend search string with next word.

Replacement

<i>M-%</i>	Query replace.●
<i>M-x delete-matching-lines</i>	
<i>M-x delete-non-matching-lines</i>	

During a query-replacement, the following are valid responses to prompts.

<i>SPC</i>	Make replacement and go to next.●
<i>DEL</i>	Skip replacement and go to next.●
<i>RET</i>	End replacement.●
<i>!</i>	Replace all remaining instances without asking.●
<i>C-r</i>	Enter recursive edit; return with <i>C-M-c</i> .

Running Lisp and Scheme

<i>C-c l</i>	Run lisp in a buffer.
<i>M-x run-scheme</i>	Run Scheme in a buffer.
<i>C-c C-e</i>	Execute the expression near the cursor
<i>C-c C-r</i>	Execute the region
<i>M-C-\</i>	Indent region

Miscellaneous editing

C-x u	Undo.
C-/	Also Undo .
C-o	Insert newline after cursor.
C-t	Transpose characters.
M-t	Transpose words.
C-x C-t	Transpose lines.
M-u	Convert whole word to upper case.
M-l	Convert whole word to lower case.
M-c	Capitalize word.

Files

C-x C-f	Find file; load if needed.●
C-x 4 C-f	Find file in other window.●
C-x C-s	Save file.●
C-x C-w	Write to explicitly-named file.
C-x i	Insert file at cursor.
M-x recover-file	Recover file after disaster from auto-save file.
M-x revert-buffer	Throw away changes to buffer and restore from file.

Buffers and windows

C-x o	Put cursor in other window.●
C-x 1	Grow current window to full screen.●
C-x 2	Split current window vertically.●
C-x b	Put named buffer in window.●
C-x 0	Remove current window.
C-x 3	Split current window horizontally.
C-x C-b	List all buffers.
C-x k	Delete buffer.

Shells

M-x shell	Run UNIX shell in a buffer.●
M- 	Execute single shell command on region. With <i>ARG</i> , replaces region.

Commands active in shell buffers:

RET	Send current line to shell.●
TAB	Complete preceding file name.●
C-c C-c	Send interrupt to shell.●
C-c C-u	Erase current input line.●
C-c C-z	Send stop signal to shell.●
C-c C-d	Send EOF to shell.

Compilation, debugging, and tags

M-x compile	Execute command (by default, <i>make</i>) asynchronously.●
C-x ‘	Position to next error or next line found by M-x grep command.●
M-x visit-tags-table	Specify file containing tags produced by etags .●
M-.	Display source for given tag.●
C-u M-.	Find next alternate definition for last tag.●
M-x tags-search	
M-x tags-query-replace	Look for pattern in all files named in tags table.
M-x tags-apropos	Display matching tags.
M-x gdb	Run GNU debugger on file.
Commands valid in gdb mode.	
C-c C-s	Step.●
C-c C-n	Next.●
C-c <	Up stack.●
C-c >	Down stack.●
C-c C-r	Finish.●
C-x SPC	In any source file, sets a break point.●
C-c C-i	Stepi.

Help and documentation

M-x manual-entry	UNIX man page for given topic.
C-h a	Look up names of matching commands.●
C-h b	Display key bindings.●
C-h f	Help for M-x function.●
C-h C-h	Help for C-h .●
C-h i	Run info browser.●
C-h k	Help for key.●
C-h m	Help for current mode.
C-h t	Tutorial.
C-h w	Key containing function.

Inside an **info** buffer (result of **C-h i**), the following are defined.

m	Select menu item.●
l	Go to last-visited node.●
?	Get help for browser.●
u	Go to node's parent.●
n	Go to next node in sequence.●
q	Leave browser.●
.	Go to top of node.
d	Go to top-level node.