

layout: post title: Emacs Cheatsheet category: ComputerScience tags: [Emacs]

Some shortcuts are only available in [my configuration](#).

### Basic

Minimize	C-z	Exit Emacs	C-x C-c
Run command	M-x		

### File

Read a file	C-x C-f	Save a file	C-x C-s
Toggle read-only status	C-x C-q	Save all files	C-x s
Replace this file with..	C-x C-v	Save as..	C-x C-w

### Buffer

Switch to buffer..	C-x b	List all buffers	C-x C-b
Insert a file to buffer	C-x i	Kill buffer	C-x k
Kill some buffers	M-x kill-some-buffers	Last/Next buffer	C-x ← / →

### Minibuffer

Auto Complete	TAB	Complete and execute	RET
Fetch previous input	M-p	Fetch later input	M-n
Regexp backward/forward search through history		M-r	M-s
Abort minibuffer	C-g	Redo last command	C-x Esc Esc

### Error Recovery

Recover file	M-x recover-session	Undo tree	C-x u
Restore buffer	M-x revert-buffer	Undo once	C-/ or C-_

### Windows

Delete all other windows	C-x 1	Delete current window	C-x 0
Split horizontally	C-x 2	Split vertically	C-x 3
Scroll other window	C-M-v	Switch to <a-z>	C-x o <a-z>
Switch to <1-9>	M-<1-9>	Find file in other window	C-x 4 f
Open buffer in other window	C-x 4 b		

### Marking

Set mark point	C-@	Exchange point and mark	C-x C-x
----------------	-----	-------------------------	---------

Mark word by word	M-@	Mark paragraph	M-h	
Mark page	C-x C-p	Mark sexp	C-M-@	
Mark function	C-M-h	Mark entire buffer	C-x h	
Copy and Paste				
Cut region to kill ring	C-w	Copy region to kill ring	M-w	
Cut through next char	M-z <char>	Paste (yank back)	C-y	
Replace last paste (yank) with previous kill			M-y	
Transpose				
Transpose characters	C-t	Transpose words	M-t	
Transpose lines	C-x C-t	Transpose sexps	C-M-t	
Case Change				
Uppercase word	M-u	Lowercase word	M-l	
Capitalize word	M-c	Uppercase region	C-x C-u	
Lowercase region	C-x C-l			
Cursor Motion	Operation			
	Move		Delete	
Amount	Forward	Backward	Forward	Backward
Characters	C-f	C-b	C-d	DEL
Words	M-f	M-b	M-d	M-DEL
Lines	C-n	C-p	C-k (to EOL)	C-SPC C-a C-w
Sentences	M-e	M-a	M-k	C-x DEL
Expressions	C-M-f	C-M-b	C-M-k	C-M-DEL
Section	C-M-a	C-M-e		
Paragraphs	M-}	M-{		
Screen	M-v	C-v		
End or Start of				
Line	C-e		C-a	
Buffer	M->		M-<	
Defun	C-M-a		C-M-e	
Special Motion				
Go to line			M-g g	

Go to Char	M-g c
Back to indentation	M-m
Scroll current line to center/top/bottom	C-l

## Search

Search forward	C-s	Search backward	C-r
Regexp forward	C-M-s	Regexp backward	C-M-r

## Replace

Start query replace	M-%	Query replace word	C-u M-%
Query replace by regexp	M-x query-replace-regexp	Replace once	y
Skip once	n	Replace all	!
Back up to previous match	^	Exit query Replace	RET

## Help

Tutorial	C-h t	Search command by word	C-h a
Describe bindings	C-h b	Describe keys	C-h k
Describe functions	C-h f	Find function on keys	C-h K
Get mode information	C-h m	Describe packages	C-h P

## Programming

Toggle node	C-,	Comment a region	C-M-;
Insert comment line	M-;	Find next error	C-x '
Start a shell in a window	C-x t	Start slime	C-x j
Toggle <xxx>-mode	M-x <xxx>-mode	Compile window	M-x compile

## Shell

Execute a shell command	M-!	Execute asynchronously	M-&
Run command on a region	M-	filter a region through a command	C-u M-

## Paredit

Before	After	Key
(foo (bar  baz) quux zot)	(foo (bar  baz quux) zot)	C-<right>
(foo (bar  baz quux) zot)	(foo (bar  baz) quux zot)	C-<left>
(foo bar (baz  quux) zot)	(foo (bar baz  quux) zot)	C-M-<left>
(foo (bar baz  quux) zot)	(foo bar (baz  quux) zot)	C-M-<right>

## Ediff

Start ediff	M-x ediff	Suspend/Quit	z/q
<b>Move Around</b>			
Pervious diff	p or DEL	Next diff	n or SPC
Jump to diff	j	Goto X's point	gx
Recenter	C-l	Scroll up/down	v/V
Scroll lt/rt	</>	Swap Variants	~
<b>Toggle Features</b>			
Vert/Horiz split		Highlighting	h
Auto-refinement	@	Ignore whitespaces	##
Ignore case	#c	Focus/hide regions	#f/#h
read-only in buf X	X	wide display	m
<b>Manipulate</b>			
Copy A/B's region to B/A	a/b	Restore buf X's old diff	rx
Refine current region	*	Update diff regions	!
Save buf x	wx	Save diff output	wd
<b>System</b>			
Show registry	R	Diff output	D
Status information	i	Compare regions	=