

Emacs Custom Cheat Sheet

Basic

Glossary		
Control (Ctrl) key	C	
Alt (Meta) key	M	
Shift key	S	

Essentials - Basic		
Execute command by name	M-x	
Cancel command	C-g	
Exit Emacs	C-q	
Toggle Modal mode	C-SPC	
Hydra prefix	M-SPC	
Command prefix	C-e	
Mode prefix	C-d	
Help prefix	C-h	

Essentials - Advanced		
Exit current mode/delete all other windows	ESC	
Universal Argument	C-u	
Repeat command X times	C-<num> <command> / C-u <num> <command>	
Reload current buffer	F5	
Reload Emacs init file	C-F5	
Toggle fullscreen	F11	
Toggle menu bar	F12	
Customize variables and faces	M-x customize	

Getting Help		
Help: describe function bound to key combination	C-h k <key>	
Help: describe a function	C-h f	
Help: describe a variable	C-h v	
Help: describe key bindings for current buffer	C-h b	
Help: describe current mode	C-h m	

Global

Navigation		
Previous/next word	C-left / C-right	
Previous/next paragraph	C-up / C-down	
Previous/next s-expression	C-M-left / C-M-right	
Move up/down one level of parentheses or parentheses-like expression	C-M-up / C-M-down	
Scroll up/down one page	PgUp / PgDown	
Scroll up/down one page in other window	M-PgUp / M-PgDown	
Beginning/end of document	C-Home / C-End	
Beginning/end of line	Home / End	
Add shift to these commands to select instead	add S to select	

Selection		
Enter selection mode	M-s	
Enter rectangular selection mode	M-S-s	
Select all buffer	C-a	
Select line/block/all	M-a	
While selection is active:	---	
- Disable selection	M-s / ESC	
- Return to beginning of selection	C-g	
While rectangular selection is active:	---	
- Enter multiple cursors mode	RET	
- Quit	C-g	
While multiple cursors mode is active:	---	
- Add cursor up/down (when region disabled)	M-S-up / M-S-down	
- Quit	RET / C-g	

Editing		
Kill line	C-k	
Cut line/selection to clipboard	C-x	
Copy line/selection to clipboard	C-c	
Paste from clipboard	C-v	
Undo	C-z	
Redo	C-y	
Indent line	TAB	
Comment or uncomment region	C-/	
Move line left/right	M-left / M-right	
Move line up/down	M-up / M-down	
Delete previous/next character	backspace / delete	
Delete previous/next word	C-backspace / C-delete	
Create newline below	C-RET	
Create newline above	C-S-RET	

Search		
Search forward	C-f / F3	
Search backward	S-F3	
Search in directory	C-S-f	
While search is active:	---	
- Next match	down	
- Prev match	up	
- Add a cursor to each result	C-r	

Replace		
Interactive replace	C-r	
Replace without confirmation	C-S-r	
While replace is active:	---	
- Replace current occurrence	y	
- Skip current occurrence	n	
- Replace all occurrences	!	
- Exit	q	
- Show help	C-d ?	

Files		
Find (open) file	C-o	
Save file	C-s	

Buffers		
Jump to buffer in current workspace	C-p	
Jump to buffer in any workspace	C-u C-p	
Jump to buffer in any workspace and focus workspace	C-u C-u C-p	
Kill current buffer	C-w	
New empty buffer	C-n	
New empty buffer	C-n	
Previous/next buffer in tab line	C-PgUp / C-PgDown	
Previous/next buffer in navigation history	C-TAB / C-S-TAB	
Switch to previous buffer	C-p RET	

Windows		
Delete other windows	M-3	
Delete current window	M-S-3	
Split window vertically	M-4	
Split window horizontally	M-S-4	
Cycle selected window	M-h	
Select specific window	M-S-h	

Mark Ring (File Bookmarks)		
Toggle bookmark at point	C-F2	
Go to previous/next bookmark in file	S-F2 / F2	
Mark buffer location (mark-ring push)	F6	
Go to previous/next location in mark-ring	C-- / C-=	

Macros		
Start defining a keyboard macro	C-F4	
If a macro is being defined, end the definition; otherwise, execute the most recent macro	F4	

Miscellaneous		
Decrease/Increase text size	C-_ / C-+	
Recenter window so current line is at top/middle/bottom of window	C-l	
Jump to function or other relevant symbol	C-t	
Create bookmark or jump to bookmarked file/directory	C-b	
Use code completion	C-,	
Correct spellchecker error	C-.	
Add cursor on click	C-LeftMouse	
Jump to visible character	M-m	

Special Modes

Dired (File explorer)		
While dired menu is active:	---	
- show help	?	
- mark for deletion	d	
- unmark for deletion	u	
- delete marked files (expunge)	x	
- Delete	D	
- Copy	C	
- Rename	R	
- open in current window (find)	f	
- open in another window	o	

Org mode		
Demote/Promote Heading	M-left / M-right	
Demote/Promote Subtree	M-S-left / M-S-right	

Ripgrep (Search and Replace across directories)		
While rg is active:	---	
- show help	?	
- make changes to current match (wgrep mode)	C-d C-p / e	
- apply all changes and save files	C-d C-e	
- discard all changes and exit	C-d C-k	
- Repeat this search in another directory	d	
- Repeat this search with another file pattern	f	
- Change the search regexp	r	
- Change the search literal	t	
- Repeat search with toggled 'no-ignore' flag	i	
- Repeat search with toggled case sensitivity	c	
- Save search result	s	
- Save search result and prompt for name	S	

Ediff (Compare files and regions)		
Diff files	M-x ediff	
Diff regions from two open buffers	M-x ediff-regions-wordwise	
While ediff is active:	---	
- show help	?	

Ivy (Minibuffer)		
While ivy minibuffer is active:	---	
- extra options for current option	M-o	

Company (Autocompletion)		
Manually activate autocompletion	M-x counsel-company	
While company completion is active:	---	
- quick select candidate	M-<0..9>	

Ryo-Modal (Modal Editing)		
Toggle modal editing	C-SPC	
While modal editing is active:	---	
- quit	q	
- repeat	,	
- previous line	i	
- next line	k	
- backward char	j	
- forward char	l	

Version control

Magit status		
Magit status	C-x g / M-x magit	
Change current section visibility	1 / 2 / 4	
Change all sections visibility	M-1 / M-2 / M-4	
Collapse or expand section	TAB	
Stage file or chunk	s	
Unstage file or chunk	u	
Discard uncommitted file or chunk	k	
Commit staged	c c	
Commit mode: confirm commit	C-d C-c	
Commit mode: cancel commit	C-d C-a	
Pull into current branch	F p	
Push current branch	P p	
Merge into current branch	m m	
Help	?	
Quit	q	

Magit branches		
While magit-status is active:	---	
Checkout branch	b b	
Create branch	b n	
List branches	y	

Magit log		
While magit-status is active:	---	
Show log of current branch	l l	
Show log of all local branches	l L	

Magit diff		
While magit-status is active:	---	
Diff thing at point	d d	
Diff worktree	d w	

Hydras

Basic		
Open hydra menu	M-SPC	
While hydra menu is active:	---	
- Open external terminal	' (Single quote)	
- Resume last search	, (Comma)	
- Repeat last command	. (Period)	
- Eval lisp expression	: (Colon)	
- Buffer	b	
- Bookmarks	B	
- Code	c	
- Diff	d	
- File	f	
- Git	g	
- Help	h	
- Insert	i	
- Indentation	I	
- Linter	L	
- Mode	m	
- Open	o	
- Project	p	
- Packages	P	
- Session	q	
- Search	s	
- Spellcheck	S	
- Toggles	t	
- Window	w	