Emacs Cheat Sheet

(original version by David Cohen)
(revised by Bob Rogers)

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UNDO: `C-_` ("control underscore")
Find (or Create) file: `C-x C-f`
Save file: `C-x C-s`
Exit Emacs: `C-x C-c`
Quit (i.e. interrupt) command: `C-g`

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`
Paragraphs	`M-}`	`M-{`	*(no standard bindings for delete cmds)*	
End/start of line	`C-e`	`C-a`	*(repeat count goes to following lines)*	
End/start of buffer	`M->`	`M-<`	*(no repeat count)*	

Cutting and Pasting

`C-SPC` Mark one end of region

`C-w`   Cut (after you Mark and move to other end)

`M-w`   Copy (after you Mark and move to other end)

`C-y`   Yank (paste) most recently killed (cut or copied); will also use text currently selected in another application.

`M-y`   Next most recently killed (do `C-y` first, repeat `M-y` to cycle thru all)

To make cut/copy/paste behave as it does in other apps, do `M-x cua-mode`, *or put*

    `(cua-mode)`

in your `.emacs` *to enable in every session.*

Scrolling and Windows

`C-v`   Scroll down (toward end of buffer)
`M-v`   Scroll up (toward beginning of buffer)
`C-M-v` Scroll other window down
`C-x 1` One window on current buffer

Files and Buffers

`C-x C-f`   Find file (or create if not there); prompts for file name
`C-x C-s`   Save file

`C-x 2`	Split window vertically
`C-x 3`	Split window horizontally
`C-x ^`	Grow window vertically; prefix is number of lines

Command-related Stuff

`ESC ESC ESC`	Get me out of where I am now
`C-u #`	Prefix numeric arg # (digits with optional `"-"` sign) to next cmd
`C-g`	Stop a command in progress, or quit out of a partially entered command

Getting help

`C-h k`	Show command documentation; prompts for keystrokes
`C-h a`	"Command apropos"; prompts for regexp and shows all matching commands
`C-h c`	Show command name on message line; prompts for keystrokes
`C-h f`	Describe function; prompts for command or function name, shows documentation in other window
`C-h i`	Info browser; gives access to online documentation for emacs and more

Miscellaneous

`C-_` or `C-x u`	Undo/redo (a series of these keeps undoing; after doing something else, `C-_` or `C-x u` will undo the undo's)
`C-q`	Quoted insert; inserts the next character typed, even if it is a control or meta character
`M-x shell-strip-ctrl-m RET`	Flush ^M at end of line
`C-z`	Suspend/iconify emacs (type `"%emacs"` in invoking shell to get it back)
`C-x C-c`	Exit emacs (asks about unsaved buffers and running programs)

`C-x C-w`	Write file; prompts for new name
`C-x s`	Save modified buffers; asks about each
`C-x b`	Select buffer; prompts for buffer name
`C-x C-b`	List buffers; shows in other window
`C-x k`	Kill buffer; prompts for buffer name

Searching/Replacing

`C-s`	Incremental search forward; searches as you type
`C-r`	Incremental search backward
`C-M-s`	Regexp search forward (there are differences in Emacs regexp syntax wrt Perl, etc.)
`C-M-r`	Regexp search backward
`M-x replace-string RET`	String replace from here to end of buffer; prompts for string and replacement
`M-x query-replace RET`	String replace from here to end of buffer, querying for each occurrence
`M-x grep RET`	Prompts for a `grep` command, shows hits in a buffer
`C-x `` `	Visit next `grep` hit

Other resources for learning emacs

- Dave Cohen's original emacs cheat sheet at `http://www.primenet.com/~cohen`

/emacs_cheat.html *(dead link)*, written by an alumnus of the August bootcamp.
- [Tutorial outline](#) for the tutorial presented at bootcamp on 4-Oct-99.
- http://www.pdc.kth.se/training/Tutor/Basics/emacs/emacsis.great *(dead link)* tutorial page (not hypertext), with a topical command summary at the bottom. This is very dense, and covers a lot of ground.
- [GNU emacs FAQ](#). This is also available in emacs itself by typing "C-h F" (note that the "F" must be capitalized). The Web version is hypertext, though it isn't very easy to navigate, and it does have a [reference page](#) that points to all kinds of good stuff. The version within emacs is not hypertext, but it's all on one page, and you can use C-s (incremental search) to find things of interest.

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