

# The Emacs Editor

## The .emacs File

Function Call	Description
(setq inhibit-default-init t)	Disable global customization
(keyboard-translate ?\C-h ?\C-?)	When the user typed the BACKSPACE key (alias C-h), pretend that the user typed the DELETE key (alias C-?).
(keyboard-translate ?\C-? ?\C-d)	When the user typed the DELETE key (alias C-?), pretend that the user typed C-d.
(global-set-key "\C-x?" 'help-command)	Set "C-x ?" to call the "help-command" function
(global-set-key "\C-x l" 'goto-line)	Set "C-x l" to call the "goto-line" function
(global-set-key "\C-[[2~" 'beginning-of-line)	Set the HOME key to call the "beginning-of-line" function
(global-set-key "\C-[[4~" 'end-of-line)	Set the END key to call the "end-of-line" function
(setq c-default-style "ellemtel")	Set the indentation style for C mode

See file arizona:/u/cs217/.emacs for additional function calls

## To call a function from within Emacs: ESC x function

### Moving the Point

Key	Function
→	forward-char
←	backward-char
↓	next-line
↑	previous-line
C-f	forward-char
C-b	backward-char
C-n	next-line
C-p	previous-line
ESC f	forward-word
ESC b	backward-word
<b>Home</b>	beginning-of-line
<b>End</b>	end-of-line
C-a	beginning-of-line
C-e	end-of-line
ESC a	c-beginning-of-statement
ESC e	c-end-of-statement
<b>PageDown</b>	scroll-up
<b>PageUp</b>	scroll-down
C-v	scroll-up
ESC v	scroll-down
<b>ESC &lt;</b>	beginning-of-buffer
<b>ESC &gt;</b>	end-of-buffer
ESC C-a	beginning-of-defun
ESC C-e	end-of-defun
<b>C-x l</b>	goto-line

### Inserting and Deleting

Key	Function
<b>BSP</b>	c-electric-backspace
ESC BSP	backward-kill-word
<b>DEL</b>	delete-char
C-d	delete-char
<b>C-k</b>	kill-line
<b>C-SP</b>	set-mark-command
C-x C-x	exchange-point-and-mark
<b>C-w</b>	kill-region
<b>ESC w</b>	kill-ring-save
<b>C-y</b>	yank
C-c .	c-set-style
<b>TAB</b>	c-indent-command
ESC C-\	indent-region
	<b>indent-all</b>

### Searching and Replacing

Key	Function
<b>C-s</b>	isearch-forward
C-r	isearch-backward
<b>ESC %</b>	query-replace

### Reading, Writing, and Exiting

Key	Function
<b>C-x C-f file</b>	find-file
C-x C-r file	find-file-read-only
<b>C-x C-s</b>	save-buffer
C-x C-w file	write-file
C-x C-q	vc-toggle-read-only
<b>C-x C-c</b>	save-buffers-kill-emacs

### Managing Windows and Buffers

Key	Function
<b>C-x 2</b>	split-window-vertically
<b>C-x o</b>	other-window
C-x 3	split-window-horizontally
C-x 0	delete-window
<b>C-x 1</b>	delete-other-windows
<b>C-x C-b</b>	list-buffers
C-x b	switch-to-buffer

### Compiling and Debugging

Key	Function
	compile
C-x `	next-error
	<b>gdb</b>

### Getting Help

Key	Function
<b>C-x ?</b>	help-command
	man
	info

### Miscellaneous

Key	Function
C-x u	advertised-undo
<b>C-g</b>	keyboard-quit