

The Xemacs 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-?). |
| (global-set-key "\C-x?" 'help-command) | Set "C-x ?" to call the "help-command" function |
| (global-set-key "\C-x!" 'goto-line) | Set "C-x !" 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 "ellemte!") | Set the indentation style for C mode |

See file hats:/u/cos217/.emacs for additional function calls

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

Moving the Point

| Key | Function | Description |
|-------------------|--------------------------|--|
| → | forward-char | Move the point forward one character |
| ← | backward-char | Move the point backward one character |
| ↓ | next-line | Move the point to the next line |
| ↑ | previous-line | Move the point to the previous line |
| C-f | forward-char | Move the point forward one character |
| C-b | backward-char | Move the point backward one character |
| C-n | next-line | Move the point to the next line |
| C-p | previous-line | Move the point to the previous line |
| ESC f | forward-word | Move the point to the next word |
| ESC b | backward-word | Move the point to the previous word |
| Home | beginning-of-line | Move the point to the beginning of the line |
| End | end-of-line | Move the point to the end of the line |
| C-a | beginning-of-line | Move the point to the beginning of the line |
| C-e | end-of-line | Move the point to the end of the line |
| ESC a | c-beginning-of-statement | Move the point to the beginning of the C statement |
| ESC e | c-end-of-statement | Move the point to the end of the C statement |
| PageDown | scroll-up | Move the point to the previous page |
| PageUp | scroll-down | Move the point to the next page |
| C-v | scroll-up | Move the point to the previous page |
| ESC v | scroll-down | Move the point to the next page |
| ESC < | beginning-of-buffer | Move the point to the beginning of the buffer |
| ESC > | end-of-buffer | Move the point to the end of the buffer |
| ESC C-a | beginning-of-defun | Move the point to the beginning of the C function |
| ESC C-e | end-of-defun | Move the point to the end of the C function |
| C-x line | goto-line | Move the point to the line whose number is <i>line</i> |

Inserting and Deleting

| Key | Function | Description |
|-------------|-------------------------|--|
| BSP | c-electric-backspace | Delete the character before the point |
| ESC BSP | backward-kill-word | Delete the characters from the point to the beginning of the word |
| C-d | delete-char | Delete the character at the point |
| C-k | kill-line | Cut the current line |
| C-SP | set-mark-command | Set the mark at the point |
| C-x C-x | exchange-point-and-mark | Exchange the mark and the point |
| C-w | kill-region | Cut the region denoted by the mark and the point |
| ESC w | kill-ring-save | Copy the region denoted by the mark and the point |
| C-y | yank | Paste the previously cut/copied region at the point |
| C-c . | c-set-style | Set the C indentation style to the specified one |
| TAB | c-indent-command | Indent the current line of the C program |
| ESC C-\ | indent-region | Indent the region of the C program denoted by the mark and the point |
| | indent-all | Indent all lines of the C program |

Searching and Replacing

| Key | Function | Description |
|-----------------------------|------------------|---|
| C-s <i>string</i> | isearch-forward | Search forward for <i>string</i> |
| C-r <i>string</i> | isearch-backward | Search backward for <i>string</i> |
| ESC % <i>old new</i> | query-replace | Replace the <i>old</i> string with the <i>new</i> one y => replace n => skip ! => replace all q => quit |

Reading, Writing, and Exiting

| Key | Function | Description |
|----------------------------|-------------------------|--|
| C-x C-f <i>file</i> | find-file | Load the specified file into a buffer |
| C-x C-r <i>file</i> | find-file-read-only | Load the specified file into a buffer for read only |
| C-x C-s | save-buffer | Save the current buffer to its file |
| C-x C-w <i>file</i> | write-file | Write the current buffer to a specified file |
| C-x C-q | vc-toggle-read-only | Toggle the current buffer between read-only and read/write |
| C-x C-c | save-buffers-kill-emacs | Save all buffers and exit xemacs |

Managing Windows and Buffers

| Key | Function | Description |
|-------------------|---------------------------|---|
| C-x 2 | split-window-vertically | Split the current window into two windows arranged vertically |
| C-x o | other-window | Move the point to the other window |
| C-x 3 | split-window-horizontally | Split the current window into two windows arranged horizontally |
| C-x 0 | delete-window | "Undisplay" the current window |
| C-x 1 | delete-other-windows | "Undisplay" all windows except the current one |
| C-x C-b | list-buffers | Display a new window listing all buffers |
| C-x b <i>file</i> | switch-to-buffer | Load <i>file</i> into a buffer if necessary, and then display that buffer in the current window |

Compiling and Debugging

| Key | Function | Description |
|-----|----------------------------------|--|
| | compile <i>command</i> | Build the program using <i>command</i> |
| | gdb <i>executablefile</i> | Launch the gdb debugger to debug <i>executablefile</i> |

Miscellaneous

| Key | Function | Description |
|--------------|---------------|-----------------------------------|
| C-x u | undo | Undo the previous change |
| C-_ | undo | Undo the previous change |
| C-g | keyboard-quit | Abort the multi-keystroke command |